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BACT/LAER CLEARINGHOUSE

Control Programs Development Division
Office of Air Quality Planning and Standards
Research Triangle Park, NC 27711

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INTRODUCTION

BACKGROUND

The Clean Air Act as amended in 1977 contains technology-based limitations affecting the location and construction of new or modified air pollution sources: 1) new source performance standards (NSPS); 2) best available control technology (BACT); and 3) lowest achievable emission rate (LAER). Adoption of regulations for the prevention of significant deterioration (PSD), the issuance of the emission offset interpretive ruling, and increased NSPS promulgations have greatly increased the complexity of new source review (NSR) determinations. While the specific criteria governing a BACT, LAER, or NSPS determination vary, the general underlying approach for all such determinations is to require "best control" on all major new or modified sources. Both the complexity and workload of making NSR decisions has risen drastically. Also, more State and local air pollution control agencies are taking on the responsibility for issuing PSD permits. Therefore, it is extremely important that the most current information be provided to control agencies to assist them in making the necessary NSR control technology determinations in a nationally consistent manner. The BACT/LAER Clearinghouse was established to assist State and local agencies and to promote the communication, cooperation, and sharing of control technology information.

The basic purposes of the BACT/LAER Clearinghouse are to: 1) provide State and local agencies with current control technology determinations, 2) summarize recent determinations for sources of similar size and nature, and 3) provide data on the emission limits imposed on new or modified sources. The information presented in this compilation was abstracted from many control technology determinations made nationwide and is intended as a reference for State and local agencies when making BACT/LAER determinations.

This report is a supplement to previous Clearinghouse publications issued during 1979 and 1980 and an update to the report issued in May 1982. It contains

information on BACT and LAER determinations for over 750 sources covering over 2100 processes. Information on almost 100 different source types or categories is listed. The control technology information contained herein was submitted by over 25 State and local air pollution control agencies and the EPA Regional Offices. It generally reflects determinations contained in permits issued from January 1980 through January 1983. However, some additional data from later determinations are presented where available. Data submissions received by the Clearinghouse after April 25, 1983, are currently being processed and will appear in future publications. Figure 1 is a listing of the control technology determinations received since the publication of the May 1982 report. This listing contains the source type code, the name of the company, and the ID number. The listing is provided to aid State and local agency personnel and other users in identifying determinations that have been submitted over the past 11 months.

REPORT FORMAT

This BACT/LAER report was prepared to provide basic control technology information as well as to facilitate "quick scans" of source category information. It consists of three major parts presented in Appendices A, B, and G:

- o Table 1 (Appendix A), which is a summary listing of determinations, basic Agency contact information, and an index reference for additional information.
- o Table 2 (Appendix B), which is a summary listing by source type or category of basic information including applicable emission limits.
- o Appendix G, which is a detailed listing of all individual source information.

Also, a supplemental Table, Table 2-A (Appendix C) is presented to focus on the special category of external combustion sources (e.g., boilers). A brief description of each follows.

Table 1 - Index of Control Technology Determinations

Figure 2 is an example of the Table 1 summary. It is intended to provide a quick summary of the information currently contained in the Clearinghouse. By source category,¹ this table lists the names of the sources for

NEW CONTROL TECHNOLOGY DETERMINATIONS SINCE MAY, 1982.

SOURCE TYPE	COMPANY NAME	ID NUMBER
1.1	AUSTELL BOX BOARD CO.	GA-0012
1.1	A.E. STALEY MFG. CO.	PA-0026
1.1	BASIN ELECTRIC POWER COOP.	ND-0004
1.1	BIG RIVERS ELECT. CORP.	KY-0020
1.1	CINCINNATI GAS & ELECTRIC CO. - EAST BEND STA*	KY-0030
1.1	EAST KENTUCKY POWER COOP.	KY-0018
1.1	GRIFFISS AIR FORCE BASE	NY-0010
1.1	HOLYOKE WATER POWER CO., MT. TOM PWR PLANT	MA-0005
1.1	INDIANA STATEWIDE RURAL ELEC. COOP., MEROM STA	IN-0022
1.1	INDIANA & MICHIGAN ELEC. CO., ROCKPORT STA	IN-0023
1.1	INDIANAPOLIS POWER & LIGHT CO., PATRIOT STA	IN-0025
1.1	IOWA ELECTRIC LIGHT & POWER CO.	IA-0011
1.1	KENTUCKY UTILITIES - HANCOCK POWER PLANT	KY-0027
1.1	LOUISVILLE GAS & ELECT. - TRIMBLE CNTY GEN. ST*	KY-0025
1.1	LOUISVILLE GAS & ELECT. - WISE'S LANDINGS	KY-0024
1.1	L.D.S. CHURCH WELFARE SQUARE	UT-0029
1.1	MINNESOTA POWER & LIGHT CO., CLAY-BOSWELL STA	MN-0006
1.1	MONSANTO CO.	IA-0010
1.1	NEW ENGLAND POWER CO., BRAYTON POINT STA.	MA-0006
1.1	NORTHERN STATE POWER CO., SHERBURNE STA	MN-0007
1.1	SOYLAND POWER COOP.	IL-0018
1.1	TACOMA CITY LIGHT	WA-0006
1.1	TVA - PARADISE - DRAKESBORO	KY-0036
1.1	U.S. DOE, 4 - COAL PILOT PLANT	KY-0023
1.1	WASHINGTON WATER POWER CO.	WA-0008
1.1	WEST TEXAS UTILITIES CO.	TX-0012
1.1	WISCONSIN ELEC. POWER CO., PLEASANT PRAIRIE PL*	WI-0030
1.1	WISCONSIN POWER & LIGHT CO., EDGENATER STA	WI-0029
1.1	WISCONSIN PUBLIC SERVICE CORP., WESTON STA	WI-0028
1.2	ILLINOIS POWER CO.	IL-0022
1.2	ILLINOIS POWER CO.	IL-0023
1.2	NORTHERN INDIANA PUBLIC SERVICE CO., SCHAFER *	IN-0024
1.4	CO-GEN	ID-0001
1.4	EVERGREEN FOREST PRODUCTS	ID-0005
1.4	GOLD KIST INC., GOLD KIST SOY PLANT	GA-0010
1.4	HUDSON LUMBER CO.	CA-0040
1.4	MCNEIL GENERATING STATION	VT-0002
1.4	ULTRASYSTEMS INC.	CA-0030
1.5	CITY OF COLUMBUS	OH-0045
1.5	POWER AUTHORITY STATE OF NEW YORK	NY-0005

Figure 1. Control technology determinations received since May 1982. (Continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
1.6	METROPOLITAN SERVICE DISTRICT	OR-0003
1.6	OCCIDENTAL GEOTHERMAL - OXY #1	CA-0034
1.6	PACIFIC GAS & ELECTRIC CO., GEYSERS UNIT 20	CA-0029
1.6	WESTCHESTER COUNTY RESOURCE RECOVERY	NY-0008
2.1	MCKAY BAY REFUSE-TO-ENERGY PROJECT	FL-0030
2.1	NESWC RESOURCE RECOVERY FACILITY	MA-0004
2.1	STEAM SUPPLY CORP.	OK-0013
2.2	CITY OF L.A., HYPERION, BUREAU OF ENGINEERING	CA-0033
3.1	CHUGACH ELECTRIC ASSOCIATION, UNIT #4	AK-0005
3.1	COLORADO INTERSTATE GAS	KS-0013
3.1	KILN-GAS R & D INC.	IL-0019
3.1	NORTHERN NATURAL GAS	KS-0015
3.1	PANHANDLE EAST. PIPELINE CO.	KS-0016
3.1	PUGET SOUND POWER & LIGHT	WA-0007
3.1	TEXAS EASTERN TRANSMISSION CO.	PA-0027
3.2	EL PASO NATURAL GAS CO., WASHINGTON RANCH FAC.	NM-0006
3.2	GETTY OIL CO.	TX-0101
3.2	LLANO, INC.	NM-0009
3.2	TENNESSEE GAS PIPELINE CO.	PA-0028
3.2	TRANSWESTERN PIPELINE CO., BITTER LAKE COMPRES.	NM-0013
3.2	TRANSWESTERN PIPELINE CO., ISLER NO. 1 STATION	NM-0014
3.2	TRANSWESTERN PIPELINE CO., KEMNITZ STATION	NM-0012
3.2	TRANSWESTERN PIPELINE CO., RED BLUFF STATION #2	NM-0010
3.2	TRANSWESTERN PIPELINE CO., MALJAMAR STATION	NM-0011
3.2	VALERO TRANSMISSION CO.	TX-0104
3.3	MUNICIPAL GENERATING PLANT	KS-0014
3.3	SEA WORLD, INC.	CA-0042
4.1	EVANS COOPERAGE CO., INC.	OK-0015
4.1	MILLER BREWING CO.	GA-0011
4.1	SANYO E&E CORP.	CA-0043
4.2	ALLIED PRINTERS & PUBLISHERS, INC.	OK-0016
4.2	MURRAY RUBBER, (MEAD COMPANY)	TX-0066
4.2	NDM CORP.	OH-0043
4.3	GM WORLD WIDE TRUCK DIV	OH-0009
4.5	PHELPS DODGE, MAGNET WIRE CORP.	KY-0035

Figure 1. Control technology determinations received since May 1982. (Continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
4.6	SANYO E&E CORP.	CA-0043
4.7	MARK IND.	TX-0103
4.12	R. J. R. ARCHER, INC.	NC-0026
4.12	WORLD COLOR PRESS	IL-C017
4.12	W.F. HALL PRINTING CO.	GA-0013
4.14	MEREDITH CORP.	IA-0009
4.14	ROCKWELL INTERNATIONAL	OK-0012
4.14	SOLVENT RESOURCE RECOVERY	OH-0044
5.1	GULF STATES OIL & REFINING CO.	TX-0087
5.2	ASHLAND OIL, INC.	KY-0026
5.2	TOSCO CORP.	CA-0046
5.3	OIL INTERNATIONAL LTD	MT-0003
5.5	CHEVRON USA, INC.	CA-0045
5.5	GETTY OIL CO.	CA-0030
5.5	HYDROCARBON RECYCLERS, INC.	OK-0014
5.7	ASHLAND PETROLEUM CO.	KY-C019
5.7	BAYTANK INC., HOUSTON	TX-0108
5.9	MCKESSON CHEMICAL CO.	OK-0011
5.11	CRYSEN REFINING, WESTERN DIV.	UT-0027
5.11	DEPT. OF THE NAVY	TX-0049
5.12	AMOCO PRODUCTION CO.	ND-0003
5.12	CRYSTAL EXPLORATION CO., SECTION 18, T9N, R9E	MI-0029
5.12	DELHI GAS PIPELINE CORP.	TX-0096
5.12	ENDERCO	AR-C011
5.12	LIQUID ENERGY CORP.	NM-0008
5.12	MAPCO PRODUCTION CO.	NM-C007
5.12	PHILLIPS PETROLEUM CO.	ND-0002
5.12	PROCESS EQUIPMENT CORP.	MI-C027
5.12	SID RICHARDSON CARBON & GASOLINE CO.	TX-0094
5.12	WARREN PETROLEUM CO.	ND-0001
5.15	B.A. CHILDS	UT-0030

Figure 1. Control technology determinations received since May 1982. (Continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
5.14	AMINCIL USA, INC.	CA-0035
5.14	CHEVRON USA, INC.	CA-0037
5.14	PARAHO DEVELOPMENT CORP.	UT-0024
5.14	TEXAS TAR SANDS, LTD	TX-0085
5.14	WHITE RIVER SHALE OIL CORP.	UT-0025
5.15	SIGMOR PIPELINE CO.	TX-0088
5.15	UNITED GAS PIPE LINE CO.	TX-0084
5.16	CHEVRON USA, INC.	UT-0028
5.16	SHELL OIL CO.	MI-0031
6.13	BIG SANDY WOOD IND.	TX-0106
6.15	BOFORS NOBEL, INC.	MI-0028
6.27	AMERICAN HOECHST	TX-0083
6.62	CONOCO CHEMICAL CO.	TX-0107
6.32	EXXON CHEMICAL AMERICAS	TX-0098
6.37	DOW CORNING CORP.	KY-0031
6.42	SUN CHEMICAL CORP.	MI-0030
6.52	AMOCO PRODUCTION CO.	TX-0095
6.52	TEXACO, INC. - PUGET SOUND REFINERY	WA-0005
6.53	PACIFIC GAS & ELECT. CO.	CA-0015
6.54	GLOBE MANUFACTURING CO.	NC-0028
6.55	B.F. GOODRICH	IL-0021
6.55	B.F. GOODRICH CHEMICAL	NJ-0005
6.55	B.F. GOODRICH CO.	KY-0021
6.61	NEBRASKA ALCOHOL FUEL CORP.	NE-0005
6.61	PEAT METHANOL ASSOCIATES	PC-0024
6.62	AIRCO CARBIDE, DIV. OF AIRCO, INC.	KY-0022
6.62	AMERICAN HOECHST	TX-0083
6.62	ARCHER DANIELS MIDLAND	IL-0020
6.62	DCW CHEMICAL	TX-0105

Figure 1. Control technology determinations received since May 1982. (Continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
6.62	ICI AMERICAS, INC.	VA-C016
5.62	MALLINCKRODT, INC	NC-0005
6.62	MALLINCKRODT, INC.	NC-0030
6.62	MERCK & CO., KEKO DIVISION	CA-C036
6.62	PROCTOR CHEMICAL CO.	NC-0029
6.62	U.S. BORAX & CHEMICAL CORP.	CA-0031
6.62	VELSICOL CHEMICAL CO.	TN-C016
7.9	OWENSBORO GRAIN CO.	KY-0038
7.12	BOONE VALLEY COOP.	IA-C008
7.12	GENERAL FOODS CORP.	DE-0005
7.12	HTC INDUSTRIES	TX-C093
7.12	PACIFIC ADHESIVES COMPANY OF TEXAS	TX-C097
7.12	PRODUCERS COTTON OIL CO.	CA-C041
7.12	R. J. REYNOLDS	NC-0027
7.12	R. J. REYNOLDS TOBACCO CO.	NC-0025
8.1	ALUMAX PACIFIC CORP.	OR-0002
8.1	ARCO ALUMINUM	KY-0017
8.2	REPUBLIC STEEL CORP.	OH-0040
8.5	FLORIDA STEEL CORP.	FL-C031
8.5	KENTUCKY ELECTRIC STEEL CO.	KY-0028
8.5	STD SLAG CO., REPUB. STEEL CORP., #6 PLAST FUR*	OH-0042
8.8	ALUMINUM CO. OF AMERICA	OH-0046
8.8	BARMET OF KENTUCKY, INC.	KY-0029
8.8	MARTIN MARIETTA OF KENTUCKY	KY-0040
8.11	CYCLONE IRON FOUNDRIES	TX-C040
8.11	VERMONT CASTINGS	VT-C001
8.14	K O STEEL CASTING, INC.	TX-C089
8.14	STRUCTURAL METALS, INC.	TX-0092
8.22	AIRCO CARBON	NY-C009
8.22	ATLAS MINERALS	JT-0031
8.22	DAYTON WALTHER CORP.	KY-C032
8.22	SUPERIOR GRAPHITE	KY-C034
8.22	TRINITY INDUSTRIES INC	TX-C032
8.22	WISCONSIN CENTRIFUGAL	WI-0031
9.1	INDIANHEAD BLACKTOP INC	WI-0025

Figure 1. Control technology determinations received since May 1982. (Continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
9.1	KEOWN SUPPLY CO.	TX-0091
9.1	PAYNE & DOLAN INC.	WI-0024
9.1	REIN, SCHULTZ, & DAHL	WI-0027
9.1	ROCKROAD OF WISCONSIN	WI-0026
9.1	STEELSTONE	ME-0002
9.2	D. M. STEWARD CO.	TN-0015
9.2	INTERNATIONAL AMERICAN CERAMICS, INC.	OK-0019
9.4	DAL-TEX CEMENT	TX-0100
9.4	IDEAL BASIC CEMENT	UT-0026
9.4	LAS VEGAS PORTLAND CEMENT	NV-0007
9.5	ATLANTIC CEMENT CO., INC.	MD-0015
9.6	ETSI	AR-0008
9.6	ETSI	AR-0009
9.7	CONSOL PENNSYLVANIA COAL CO.	PA-0025
9.7	METTIKI COAL	MD-001c
9.13	ARMCO INC. - PIQUA MINERALS	OH-0041
9.13	CHEMSTONE CORP.	VA-0021
9.13	DAN RIVER, INC.	VA-0020
9.17	MID-CONTINENT MATERIALS, INC.	OK-0018
9.21	LONE STAR POLYMER CONCRETE CO.	VA-0018
9.21	PATRICK COAL CORP.	VA-0017
10.1	ALABAMA RIVER PULP CO., INC	AL-0018
10.1	BOWATER CAROLINA CO.	SC-0013
10.1	CHESAPEAKE CORP.	VA-0001
10.1	INDEPENDENT KRAFT CORP.	AL-0020
10.1	INTERSTATE PAPER CORP.	GA-0015
10.1	POTLATCH	ID-0003
10.1	SIMPSON LEE PAPER CO.	CA-0032
10.1	ST REGIS PAPER CO.	ME-0001
10.1	UNION CAMP CORP.	SC-0014
10.1	UNION CAMP CORP.	AL-0014
10.1	WESTVACO CORP. - FIVE PAPERS DIV.	KY-0033
10.1	WILLIAMETTE INDUSTRIES, INC., CORRUGATED MEDIUM	KY-0039
10.2	AUGUSTA NEWSPRINT CO.	GA-0014
10.2	BEAR ISLAND PAPER CO.	VA-0027

Figure 1. Control technology determinations received since May 1982. (Continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
10.0	EAGLE ENERGY	ID-0004
10.0	GEORGIA-PACIFIC CORP.	NC-0007
10.0	HOOKER FURNITURE CORP.	VA-0019
10.1	INTERNATIONAL PAPER CO.	AR-1007
10.0	INTERNATIONAL PAPER CO.	AR-0010
10.0	J.M. HUBER CORP.	ME-0003
10.0	LOUISIANA-PACIFIC CORP.	ME-0004
11.0	GENERAL ELECTRIC CO.	AL-0017
11.0	HILTI INDUSTRIES, INC	OK-0017
11.0	IBM	NY-0006
11.0	IBM CORP.	CA-0038
11.0	IBM CORP.	KY-0037
11.0	POOL CO.	TX-0102
11.0	PROCTOR & GAMBLE	NY-0007
12.0	CHATTANOOGA-HAMILTON COUNTY HOSPITAL AUTHORITY	TN-0017

Figure 1. Control technology determinations received since May 1982. (Continued)

TABLE 1. INDEX (CONTINUED).

REPORT DATE 04/22/1983

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
HOOKER CHEMICAL & PLASTICS CORP.	MD	07/03/79	EPA REGION III	BOB BLASZCZAK	(215)-597-6186	1.2
HOUSTON LIGHTING & POWER	TX	01/16/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.2
ILLINOIS POWER CO.	IL	07/26/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.2
ILLINOIS POWER CO.	IL	08/03/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.2
NORTHERN INDIANA PUBLIC SERVICE CO., SCM IN	IN	08/16/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.2
SOURCE TYPE -- EXTERNAL COMBUSTION - NATURAL GAS						
CONSUMERS POWER CO.	MI	06/01/81	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	1.3
SOUTHERN NAT. GAS	MS	08/21/81	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	1.3
SOURCE TYPE -- EXTERNAL COMBUSTION - WOOD WASTE						
CAROLINA FOREST INDUSTRIES, INC.	SC	06/25/81	SOUTH CAROLINA DNEC	OTTO PEARSON	(803)-758-5406	1.4
CO-GEN	ID	03/15/83	IDAHO AEC	CLINT AYER	(208)-334-5360	1.4
CO-GEN., INC.	ID	09/29/81	EPA REGION X	PAUL BOYS	(204)-442-1193	1.4
EVERGREEN FOREST PRODUCTS	ID	12/30/82	IDAHO AEC	CLINT AYER	(208)-334-5360	1.4
GOLD KIST INC., GOLD KIST SOY PLANT	GA	12/09/81	GEORGIA EPO	SUE MCFATHER	(404)-656-4867	1.4
HUDSON LUMBER CO.	CA	10/05/81	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	1.4
HMCIEL GENERATING STATION	VT	05/01/80	VERMONT AEC	HAROLD GARABEDIAN	(802)-828-3395	1.4
PANDRAMA ENERCORP, INC.	WA	09/22/81	EPA REGION X	PAUL BOYS	(204)-442-1193	1.4
STONE CONTAINER CORP.	OH	12/23/81	SE OHIO	GLEN GREENWOOD	(614)-385-0501	1.4
ULTRASYSTEMS INC.	CA	10/06/82	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	1.4
MATSON ENERGY SVS, INC.	CA	01/03/80	EPA REGION IX	BOB BAKER	(415)-974-8228	1.4
WESTERN KRAFT	KY	06/02/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.4
SOURCE TYPE -- EXTERNAL COMBUSTION - MULTIPLE FUELS						
AMES MUNICIPAL POWER PLANT	IA	11/05/79	EPA REGION VII	DANIEL RODRIGUEZ	(610)-374-6525	1.5
CITY OF COLUMBUS	OH	10/16/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.5
DEGUSSA CHEM CORP.	AL	04/07/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	1.5
FERRO CHEMICAL DIV OF FERRO CORP.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3506	1.5
FLORIDA POWER & LIGHT	FL	02/20/80	FLORIDA DER	ED PALAGYI	(904)-488-1344	1.5

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

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Figure 2. Example of summary table - index of control technology determinations (Table 1).

which BACT or LAER determinations were made. Included is the State where each source is located, the date the permit was issued, the agency issuing the permit, name of person to contact within the agency for additional information, a telephone number, and an index (source type code) for locating the more detailed source information contained in Table 2 of the report.

Table 2 - Control Technology Determinations by Type of Source

Figure 3 is an example of the Table 2 format. Table 2 provides a summary of emissions limitations by source category¹ and includes the name of the company, the State where the source is located, the State permit number (or EPA Regional Office file number), the source size, whether the source is new (N) or modified (M), a description of the process or processes being permitted, the emission limitations and pollutants applicable to each permitted process, and the basis for the determination--NSPS (N*), SIP (S*), NAAQS (A*), PSD (P*), BACT (B*), LAER (L*). In some cases, more than one emission limitation is

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 COAL COMBUSTION					REPORT DATE 04/22/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS	
A.E. STALEY MFG. CO.	PA 81PA01	249.00MBTU/H	N	COAL BOILER	NOX .70LB/MMBTU PM .16LB/MMBTU SO2 .90LB/MMBTU	B*
BASIN ELECTRIC POWER COOP ND		500.00MBTU/H	N	BOILER	NOX 2025.00LB/H .45LB/MMBTU PM 188.00LB/H .03LB/MMBTU SO2 2637.00LB/H .60LB/MMBTU SO2 30.00% OF POTENT. CH	B* B* N* N* B* B*
BIG RIVERS ELECT.-O.B. WH KY KY 130		880.00MBTU/H	N	BOILER, COAL FIRED	NOX .60LB/MMBTU PM .03LB/MMBTU SO2 1.20LB/MMBTU	B* B* B*
BOARD OF PUBLIC UTILITIES KS		246.00MBTU/H	N	BOILER, COAL FIRED, PULV.	NOX .70LB/MMBTU PM .16LB/MMBTU SO2 1.20LB/MMBTU	N* N* B*
BURLINGTON IND.	NC (R)PSD-NC-032	122.00MBTU/H	N	BOILER, COAL FIRED	PM .30LB/MMBTU	B*
BURLINGTON IND.	NC (R)PSD-NC-034	122.00MBTU/H	N	BOILER, COAL FIRED	PM .30LB/MMBTU SO2 1.40LB/MMBTU	B*
CAJUN ELECT. POWER COOP.	LA (R)PSD-LA-106	6507.00MBTU/H	N	BOILER, LIGNITE FIRED COAL HANDLING COAL PILES LIME/LIMESTONE HANDLING AND *	CO .89LB/MMBTU NOX .60LB/MMBTU PM .03LB/MMBTU SO2 1.08LB/MMBTU PM 1.60LB/H PM 28.70LB/H PM 2.10LB/H	N* N*
CARGILL, INC.	SC	161.20MBTU/H	N	BOILERS, BS + BE	PM 29.80LB/H SO2 326.90LB/H	B* B*

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE COMPLETE LISTING IN APPENDIX.

(R) INDICATES EPA REGION FILE NUMBER IN LIEU OF STATE/LOCAL PERMIT NUMBER
FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX.

SOURCE TYPE CODE 1.1

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Figure 3. Example of summary table - control technology determinations by type of source (Table 2).

applicable to a given process/pollutant. In those cases, a second emission limitation is listed below the first emission limitation for a given pollutant without the pollutant name being repeated in the column preceding the emission limitation (see listing for Basin Electric Power Coop. in Figure 3). This second emission limitation is referred to in the main BACT/LAER data base as the alternate limit. Because the space available on Table 2 was limited, a number of abbreviations for processes and emission limitations were developed. A complete list of these abbreviations is contained in Appendix E. Some comments have been received regarding the use of these abbreviations. Every effort has been made to use a standard set of abbreviations. In some cases, however, this was not possible. The control agencies are encouraged to review the abbreviations in Appendix E and submit any suggested revisions. The abbreviations are periodically reviewed and updated accordingly.

Because a particular source may have one or more processes being permitted at a given time, the control agencies are encouraged to review more

than one source category for possible assistance in making a BACT or LAER determination. Also, in many cases limited source information made it difficult to properly categorize a source. A quick scan of the "process description" in Table 2 is recommended to minimize such problems and avoid missing a relevant BACT/LAER determination.

Because external combustion sources are of special interest and may possibly be located within a variety of broad source types, a special table (Table 2A) has been prepared (Appendix C). This table summarizes the emission limits and other information for those sources with a source type code of 1.1 to 1.6 and all other source type codes where an external combustion process (boiler) has been permitted.

Appendix - Detailed Source Listings

In addition to Tables 1, 2, and 2A, a complete listing of all source data is provided in a separate appendix (Appendix G). Information presented consists of the ID number (an identification number assigned by the Clearinghouse), source type code, source type name, source size and corresponding units on the source size, company name, street address, city, county, State, zip code, EPA Regional Office, whether determination is BACT (B) or LAER (L), whether source is new (N) or modified (M), date permit was issued, permit or identification number, estimated startup date, agency issuing permit, contact person within agency who is familiar with the control technology information, agency telephone number, process type code (where applicable), process name, throughput capacity and corresponding units, pollutant name, emission limit (for the given pollutant), alternate limit, basis for limit (BACT, LAER, SIP, etc.), control equipment, process modification (modification that would minimize emissions), percent efficiency for the control devices and notes. This listing is intended to provide the maximum manageable amount of technical and administrative information without essentially duplicating a completed permit application.

An example of Appendix G or complete listing for one source is shown in Figure 4.

IMPROVEMENTS TO THE SYSTEM

A meeting was held on September 27 and 28, 1982, in Atlanta, Georgia, to discuss the overall operation of the BACT/LAER Clearinghouse. Representation

APPENDIX -- DETAILED SOURCE LISTING

04/22/1983

SOURCE TYPE/SIZE---	EXTERNAL COMBUSTION - COAL	1780.00 MW		
COMPANY NAME/SITE LOCATION	AL ELEC COOP INC P. O. BOC 550	ANDALUSIA, AL 36420 CHOCTAW COUNTY		
DETERMINATION IS BACT FOR A NEW SOURCE. PERMIT NO. AL 071 DETERMINATION MADE BY	ALABAMA APCD (AGENCY)	SUE ROBERTSON (AGENCY CONTACT PERSON)		
		DATE OF PERMIT ISSUANCE-- 02/24/81 ESTIMATED DATE OF START-UP-- 1986 (205)-634-6570 (PHONE)		
PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
LIGNITE BOILER	4805.00 MBTU/H EA	PM SO ₂ NOX CO	144.3000 LB/H 144.0000 T/YR ESP 3803.0000 LB/H 16658.0000 T/YR FGD 2883.0000 LB/H 12628.0000 T/YR BOILER DESIGN & OPERATION 470.0000 LB/H 2060.0000 T/YR BOILER DESIGN & OPERATION	NSPS NSPS 99.80 NSPS 90.00 NSPS BACT

NOTES -----

ESTIMATED STARTUP DATES -- UNIT 1, 3/86 - UNIT 2, 5/91 - UNIT 3, 7/96 - UNIT 4, 9/01.

(+) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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ID NUMBER AL-0001

SOURCE TYPE CODE 1.1

Figure 4. Example of appendix or complete source listing.

consisted of control agencies including members of the State and Territorial Air Pollution Program Administrators (STAPPA) and the Association of Local Air Pollution Control officials (ALAPCO), EPA Headquarters and Regional Offices, and the Technical Secretary of the California Air Pollution Control Officers Association (CAPCOA). The purpose of this meeting was to review and discuss the ongoing activities of the Clearinghouse and to provide direction for the Clearinghouse in the future. The general consensus of the meeting and followup comments by other State and local agencies was to continue the Clearinghouse in its present form with the following improvements or revisions:

- o Use the revised formatted output (Figure 4) in lieu of the simple listing of the data file (Figure 5) for Appendix G.
- o The source category (name and number) should be placed at the top of each page in Tables 2 and 2A to facilitate the location of determinations within a given source category when the data for a given source category are presented on more than one page.
- o The revised formatted output (Figure 4) should have the source type or category code in the lower right hand corner and the ID number at the bottom in the center of the page to facilitate locating information in the appendix.

In addition, a set of simplified instructions were developed to allow control agencies that currently have access to the EPA Univac Computer in the Research Triangle Park to obtain additional copies of Tables 1 (Appendix A), 2 (Appendix B), 2A (Appendix C), and Appendix G. These instructions are available from:

Mr. Gary Rust
U.S. Environmental Protection Agency
MD-15
Research Triangle Park, North Carolina 27711
(919) 541-5516

Other improvements and revisions to the system are being and will continue to be considered as a result of contacts with various State and local agencies. These improvements and revisions will be evaluated and made based on the recommendations of the State and local agencies that are submitting determinations to the Clearinghouse.

¹A complete listing of all source category codes is contained in Appendix D. The user should familiarize himself with this listing in order to use Tables 1 and 2 effectively.

ID NUMBER*
SOURCE TYPE CODE*
SOURCE TYPE NAME*
SOURCE SIZE*
SOURCE SIZE UNITS*
COMPANY NAME*
ADDRESS*
CITY*
COUNTY*
STATE INITIALS*
ZIP CODE*
EPA REGION*
BACT/LAER DETERM*
NEW/MODIFIED*
DATE PERMIT ISSUED*
PERMIT NUMBER*
REGION FILE NUMBER*
ESTIMATED STARTUP DATE*
AGENCY CONTACT PERSON*
AGENCY PHONE NUMBER*
NOTES*

PROCESS TYPE CODE*
NAME OF PROCESS*
THROUGHPUT CAPACITY*
THROUGHPUT UNITS*

POLLUTANT NAME*
EMISSION LIMIT*
EMISSION UNITS*
ALTERNATE LIMIT*
ALTERNATE UNITS*
BASIS FOR LIMITS*
CONTROL EQUIPMENT*
PROCESS MODIFICATION*
PERCENT EFFICIENCY*

POLLUTANT NAME*
EMISSION LIMIT*
EMISSION UNITS*
ALTERNATE LIMIT*
ALTERNATE UNITS*
BASIS FOR LIMITS*
CONTROL EQUIPMENT*
PROCESS MODIFICATION*
PERCENT EFFICIENCY*

Figure 5. Computerized listing of BACT/LAER determination data elements.

PROCEDURE FOR FUTURE SUBMISSIONS TO THE CLEARINGHOUSE

The BACT/LAER Clearinghouse is intended as a dynamic program with periodic updates and new listings welcomed. Submissions by State and local control agencies are entirely voluntary. Without these submittals, however, the viability and usefulness of the program are jeopardized. Agencies are encouraged to make formal submittals at any time.

Information can be submitted in either of two formats. First, it can be submitted on the voluntary form shown in Figure 6. The same basic information can also be directly input into a special State or local agency file that can be set up to receive data via a computer hookup. Agencies are encouraged to use either format for submittals to the Clearinghouse.

In order to facilitate the submission of determinations and corrections, a copy of the form shown in Figure 6 is provided in Appendix F of this report. This form can be reproduced and used to submit new determinations and/or to update existing information. All questions regarding the Clearinghouse should be directed to:

Mr. Gary Rust
U.S. Environmental Protection Agency
MD-15
Research Triangle Park, North Carolina 27711
(919) 541-5516 (commercial)
629-5516 (FTS)

Mail To: Gary Rust
BACT/LAER Clearinghouse
U.S. EPA (MD-15)
RTP, NC 27711

Source Category
Date of This Report

BACT/LAER DETERMINATION REPORT

Source Type/Size:	Company Name/Site Location:	Determination is: (circle appropriate definition)	BACT/LAER For New/Modified Source:	Date of Permit Issuance:
		Permit No.:		Date of Estimated Start-up:
Determination Made By:	(Agency)		(Person Directly Knowledgable About Permit)	(Phone)
Permit Parameters: (List all processes subject to this permit)	Throughput capacity, weight rate, Btu input, etc.)	Pollutant(s) emitted (SO ₂ particulate, etc.)	BACT/LAER emission limit(s) and basis for the limits* (units of emissions/ units of input)	Control equipment or process modification description** Eff. §
Notes***:				

*Indicate basis of emissions limit, i.e., BACT determined simply by technology and economics, NSPS, LAER, or determined by MAQS or PSD increment constraints. (Example: 0.05 pounds particulate per million Btu input limit needed to protect Class I increment.) To promote consistency, please use NSPS emission limits where possible.

**To the extent possible in the space available, describe basic control or process equipment design details. Indicate unique or innovative features.

***Notes are optional and can address special items, unusual circumstances, or other clarifying information such as SIC codes.

11/82

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Figure 6. BACT/LAER determination form.

APPENDIX A

TABLE 1 INDEX OF CONTROL
TECHNOLOGY DETERMINATIONS

TABLE 1. INDEX OF CONTROL TECHNOLOGY DETERMINATIONS.

REPORT DATE 04/29/1983

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
SOURCE TYPE -- EXTERNAL COMBUSTION - COAL						
AL ELEC COOP INC	AL	02/24/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	1.1
ARKANSAS PWR & LT CO.	AZ	02/15/78	EPA REGION IX	JIM HANSON	(415)-974-8038	1.1
ASSOC. ELECT. COOP., INC.	AR	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
AUSTELL BOX BOARD CO.	MO	02/06/78	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	1.1
A.E. STALEY MFG. CO.	GA	06/29/81	GEORGIA EPD	W. FARRISEE	(404)-656-4867	1.1
BASIN ELECTRIC POWER COOP.	PA	05/27/82	EPA REGION III	DAVID ARNOLD	(215)-597-7936	1.1
BIG RIVERS ELECT. CORP.	ND	01/12/83	NORTH DAKOTA SHD	ROBERT KING	(701)-224-2348	1.1
BIG RIVERS ELECT.-D.B. WILSON STATION	KY	03/11/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
BOARD OF PUBLIC UTILITIES	KY	03/11/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
BURLINGTON IND.	KS	09/29/76	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	1.1
CAJUN ELECT. POWER COOP.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7120	1.1
CARGILL, INC.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7120	1.1
CELANESE, AMCELLE PLANT	SC	03/25/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
CENTRAL ILLINOIS LIGHT	MD	02/25/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	1.1
CENTRAL POWER & LIGHT	IL	04/03/79	EPA REGION III	ED VOLBERG	(215)-597-8990	1.1
CINCINNATI GAS & ELECTRIC CO. - EAST BEN*	TX	08/15/80	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	1.1
CITY OF WILKES-BARRE	KY	10/19/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
COLORADO UTE-CRAIG UNIT #3	PA	05/14/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
CURTISS-WRIGHT CORP.	CO	07/01/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	1.1
DELMARVA POWER & LIGHT	NJ	03/27/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	1.1
DESERET GEN & TRANS, MOON LAKE	MD	06/13/80	EPA REGION II	STEVE RIVA	(212)-264-8684	1.1
EAST KENTUCKY POWER COOP.	UT	09/30/81	EPA REGION III	VERNON BUTLER	(215)-597-2711	1.1
EASTMAN KODAK CO., KODAK PARK DIV.	KY	02/04/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	1.1
E.I. DUPONT	KY	12/02/76	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
FLORIDA POWER CORP.	NY	12/20/82	NEW YORK DEC	FRANK SHATTUCK	(716)-226-2466	1.1
E.I. DUPONT	KY	08/21/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
E.I. DUPONT	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	1.1
FLORIDA POWER CORP.	SC	09/09/80	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	1.1
GRAND HAVEN BOARD OF LT & PWR	FL	01/15/80	FLORIDA DER	ED PALAGYI	(904)-488-1344	1.1
GRAND RIVER DAM AUTHORITY	MI	03/18/80	MICHIGAN DNR	JOHN CAUDELL	(517)-322-1333	1.1
GREENWOOD MILLS, INC.	OK	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
	SC	09/03/80	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	1.1

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

TABLE 1. INDEX (CONTINUED).

REPORT DATE 04/29/1983

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	INDEX
GRIFFISS AIR FORCE BASE	NY	01/28/83	NEW YORK DEC	DAVID FROSSER	(315)-782-0100	1.1
HOLYoke WATER POWER CO., MT. TOM PUR PL*	MA	10/27/82	MASSACHUSETTS DEQE*	DAVID HOWLAND	(617)-727-8640	1.1
HOUSTON LIGHTING & POWER	TX	10/28/77	EPA REGION VI	TOM DIGGS	(214)-767-1594	1.1
HOUSTON LIGHTING & POWER	TX	11/12/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
IA SOUTHERN UTILITIES (CENTERVILLE, IA.)	IA	12/01/76	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	1.1
IDAHO NAT ENGINEERING LAB.	ID	06/05/81	EPA REGION X	DAVID TETTA	(208)-442-1193	1.1
INDIANA STATEWIDE RURAL ELEC. COOP., ME*	IN	06/28/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1
INDIANA & MICHIGAN ELEC. CO., ROCKPORT *	IN	10/27/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1
INDIANAPOLIS POWER & LIGHT CO., PATRIOT*	IN	12/16/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1
INTERMOUNTAIN PWR PROJECT-IPP	UT	06/08/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	1.1
IOWA ELECTRIC LIGHT & POWER CO.	IA	10/29/82	EPA REGION VII	STEVE KOVAC	(816)-374-6525	1.1
IOWA-ILLINOIS GAS & ELECT.	IA	06/16/81	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	1.1
JACKSONVILLE ELECT. AUTHORITY	FL	01/01/82	FLORIDA DER	ED PALAGYI	(904)-488-1344	1.1
KANSAS CITY POWER & LIGHT	MO	01/07/77	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	1.1
KANSAS POWER & LIGHT CO.	KS	03/30/78	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	1.1
KENTUCKY POWER - CARR'S FAC.	KY	04/18/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
KENTUCKY UTILITIES - HANCOCK POWER PLANT	KY	04/15/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
LITHIUM CORP.	NC	02/12/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	1.1
LOUISVILLE GAS & ELECT. - TRIMBLE CNTY *	KY	12/27/78	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
LOUISVILLE GAS & ELECT. - WISE'S LANDIN*	KY	03/01/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
L.D.S. CHURCH WELFARE SQUARE	UT	07/01/82	UTAH BAQ	CARL BROADHEAD	(801)-533-6108	1.1
MARQUETTE BOARD OF LT & PUR	MI	04/01/80	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	1.1
MIAMI PAPER CORP.	OH	06/25/82	RAPCA - DAYTON, OH	AMY WRIGHT	(513)-225-4435	1.1
MICHIGAN SOUTH CENTRAL POWER AGENCY	MI	05/16/80	MICHIGAN DNR	JOHN CAUDELL	(517)-322-1333	1.1
MINNESOTA POWER & LIGHT CO., CLAY-BOSQUE*	MN	06/16/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1
MONSANTO CO.	IA	11/12/82	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	1.1
MORGANTOWN ENERGY RESEARCH CENTER	WV	09/20/79	EPA REGION III	EILEEN GLEN	(215)-597-8187	1.1
MUSCATINE POWER & WATER	IA	01/24/80	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	1.1
NE PUBLIC POWER DIST./GENTLEMAN #2	NE	02/09/77	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	1.1
NEBRASKA PUBLIC POWER DIST.	NE	12/16/80	NEBRASKA DEC	GENE ROBINSON	(402)-471-2186	1.1
NEVADA POWER CO.	NV	04/13/81	EPA REGION IX	LARRY BOWERMAN	(415)-974-8213	1.1
NEW ENGLAND POWER CO., BRAYTON POINT ST*	MA	11/01/80	MASSACHUSETTS DEQE*	VAUGHAN STEEVES	(617)-727-1440	1.1
NORFOLK & WESTERN RAILWAY CO.	VA	07/14/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	1.1
NORTHERN INDIANA PUBLIC SERVICE CO.	IN	03/31/80	EPA REGION V	BONIFACE THAYIL	(312)-686-6054	1.1
NORTHERN STATE POWER CO., SHERBURNE STA	MN	04/25/77	EPA REGION V	BONIFACE THAYIL	(312)-686-6054	1.1
NY STATE ELECT. & GAS - CYUGA STATION	NY	06/29/81	EPA REGION II	BARRY TORNICK	(212)-264-9579	1.1

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

TABLE 1. INDEX (CONTINUED).

REPORT DATE 04/29/1983

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
OKLAHOMA GAS & ELECT. CO.	OK	10/05/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
OKLAHOMA GAS & ELECT. CO.	OK	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
PENNSYLVANIA ELECT. CO.	PA	08/18/81	EPA REGION III	DAVID ARNOLD	(215)-597-7936	1.1
PLAINS ELECT. GEN & TRANS	NM	05/27/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
PLATTE RIVER PWR-RAMFIDE	CO	05/22/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	1.1
SAGINAW STEERING GEAR	AL	10/15/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	1.1
SALT RIVER PROJECT CORONADO STATION UNI*	AZ	04/10/78	EPA REGION IX	JIM HANSON	(415)-974-8038	1.1
SANDON STEAM ELECT. STATION	TX	09/20/77	EPA REGION VI	TOM DIGGS	(214)-767-1594	1.1
SIERRA PACIFIC POWER CO.	NV	06/04/78	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	1.1
SIKESTON BOARD OF MUNICIPAL UTILITIES	MO	07/14/77	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	1.1
SOUTHWESTERN PUBLIC SERVICE	TX	03/30/78	EPA REGION VI	TOM DIGGS	(214)-767-1594	1.1
SOYLAND POWER COOP.	IL	09/23/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	1.1
SUNFLONER ELECT. COOP., INC. - HAYS, KS.	KS	05/19/80	EPA REGION VII	DANTEL RODRIGUEZ	(816)-374-6525	1.1
SW ELECT. POWER	TX	02/23/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
SW ELECT. POWER	LA	09/01/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
SW ELECT. POWER	TX	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
SW ELECT. POWER	TX	12/03/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	1.1
S.C. PUBLIC SERVICE AUTHORITY	SC	05/11/82	EPA REGION X	DAVID TETTA	(206)-442-1597	1.1
TACOMA CITY LIGHT	WA	10/15/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	1.1
TAMPA ELECT. CO.	FL	04/11/80	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	1.1
TUCSON ELECT. POWER CO. UNIT #3	AZ	12/21/77	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	1.1
TUCSON ELECT. POWER CO. UNITS #1 & 2	AZ	04/14/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
TVA - AFBC PILOT PLANT - SHAWNEE STEAM *	KY	06/25/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
TVA - PARADISE - DRAKESBORO	UT	06/02/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	1.1
UTAH PWR & LT CO-HUNTER STATION	KY	12/17/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
U.S. DOE, 4 - COAL PILOT PLANT	WA	11/17/82	EPA REGION X	PAUL BOYS	(206)-442-1567	1.1
WASHINGTON WATER POWER CO.	TX	05/20/82	TEXAS ACB	JAMES CROCKER	(512)-451-5711	1.1
WEST TEXAS UTILITIES CO.	WI	08/09/76	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1
WISCONSIN ELECT. POWER CO., PLEASANT PRA*	WI	04/26/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1
WISCONSIN POWER & LIGHT CO., EDGEWATER *	WI	05/11/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1

SOURCE TYPE -- EXTERNAL COMBUSTION - OIL

ANHEUSER-BUSCH, INC.

SEE FULL LISTING IN APPENDIX.

VERNON BUTLER

(215)-597-2711

1.2

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

TABLE 1. INDEX (CONTINUED).

REPORT DATE 04/29/1983

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
A.I. DUPONT INSTITUTE CRANSTON PRINT WORKS	DE NC	09/18/80 04/25/80	EPA REGION III NORTH CAROLINA DEM	JOANNE MCKERNAN MIKE SEWELL	(215)-597-8182 (919)-733-6126	1.2 1.2
FIRESTONE TIRE CO.	GA	11/25/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	1.2
HOOKER CHEMICAL & PLASTICS CORP.	MD	07/03/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	1.2
Houston Lighting & Power	TX	01/16/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.2
ILLINOIS POWER CO.	IL	07/26/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.2
ILLINOIS POWER CO.	IL	08/03/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.2
NORTHERN INDIANA PUBLIC SERVICE CO., SC*	IN	08/16/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.2
 SOURCE TYPE -- EXTERNAL COMBUSTION - NATURAL GAS						
CONSUMERS POWER CO. SOUTHERN NAT. GAS	MI MS	06/01/81 08/21/81	MICHIGAN DNR MISSISSIPPI DNR	DAVID FERRIER DWIGHT WILEY	(517)-322-1333 (601)-354-2550	1.3 1.3
 SOURCE TYPE -- EXTERNAL COMBUSTION - WOOD WASTE						
CAROLINA FOREST INDUSTRIES, INC. CO-GEN, INC.	SC ID	06/25/81 03/15/83	SOUTH CAROLINA DHEC IDAHO AQB	OTTO PEARSON CLINT AYER	(803)-758-5406 (208)-334-5360	1.4 1.4
EVERGREEN FOREST PRODUCTS	ID	03/15/83	EPA REGION X	PAUL BOYS	(206)-442-1193	1.4
GOLD KIST INC., GOLD KIST SOY PLANT	GA	12/30/82	IDAHO AQB	CLINT AYER	(208)-334-5360	1.4
HUDSON LUMBER CO.	GA	12/09/81	GEORGIA EPD	SUE MCFAHER	(404)-656-4867	1.4
MCNEIL GENERATING STATION	CA	10/05/81	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	1.4
PANORAMA ENERCORP, INC.	VT	05/01/80	VERMONT AEC	HAROLD GARABEDIAN	(802)-828-3395	1.4
ULTRASYSTEMS INC.	WA	09/22/81	EPA REGION X	PAUL BOYS	(206)-442-1193	1.4
WATSON ENERGY SYS., INC.	CA	10/06/82	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	1.4
WESTERN KRAFT	CA	01/03/80	EPA REGION IX	BOB BAKER	(415)-974-8220	1.4
	KY	06/02/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	
 SOURCE TYPE -- EXTERNAL COMBUSTION - MULTIPLE FUELS						
AMES MUNICIPAL POWER PLANT CITY OF COLUMBUS DEGUSSA CHEM CORP.	IA OH AL	11/05/79 10/16/79 04/07/81	EPA REGION VII EPA REGION V ALABAMA APCD	DANIEL RODRIGUEZ BONIFACE THAYIL SUE ROBERTSON	(816)-374-6525 (312)-886-6054 (205)-834-6570	1.5 1.5 1.5

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

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SOURCE	TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
FERRO CHEMICAL DIV OF FERRO CORP.	OH	02/20/80	CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	1.5	
FLORIDA POWER & LIGHT	FL	06/29/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	1.5	
GILMAN PAPER CO.	GA	07/24/81	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	1.5	
GULF STATES UTILITY	LA	08/14/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.5	
HARNEY ELECT.	OR	08/14/81	EPA REGION X	PAUL BOYS	(206)-442-1193	1.5	
HOOKER ENERGY CORP.	NY	07/23/81	EPA REGION II	BARRY TORNICK	(212)-264-9579	1.5	
PHILIP MORRIS	VA	05/20/81	VIRGINIA SPCB	PAUL PITTS	(804)-786-4867	1.5	
POWER AUTHORITY STATE OF NEW YORK	NY	02/22/82	EPA REGION III	DENNIS SANTELLA	(212)-264-9628	1.5	
STORE CONTAINER CORP.	OH	12/23/81	SE OHIO	GLEN GREENWOOD	(614)-385-8501	1.5	
THE CHESAPEAKE CORP.	VA	10/07/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	1.5	
UNION CAMP CORP.	GA	07/01/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6800	1.5	
SOURCE TYPE -- EXTERNAL COMBUSTION - OTHER							
ATLANTIC SUGAR ASSOC.	FL	10/06/81	FLORIDA DER	BOB KING	(904)-488-1344	1.6	
CENTRAL SOYA	OH	08/09/79	OHIO EPA - MDP	SAMIR ARAJ	(419)-352-8461	1.6	
HOUSTON LIGHTING & POWER	TX	09/1n/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.6	
METROPOLITAN SERVICE DISTRICT	OR	05/10/82	OREGON DEQ	LLOYD KOSTOM	(503)-229-5186	1.6	
OCCIDENTAL GEOTHERMAL - OXY #1	CA	11/12/81	EPA REGION IX	MATT HABER	(415)-974-8209	1.6	
OSCEOLA FARMS CO.	FL	07/27/82	FLORIDA DER	BOB KING	(904)-488-1344	1.6	
PACIFIC GAS & ELECTRIC CO., GEYSERS UNI*	CA	10/28/81	EPA REGION IX	MATT HABER	(415)-974-8209	1.6	
SUGAR CANE GROWERS COOP.	FL	09/22/77	FLORIDA DER	BOB KING	(904)-488-1344	1.6	
TEXAS UTILITIES GEN CO.	TX	02/09/76	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.6	
TEXAS UTILITIES SERVICE, INC.	TX	01/17/76	EPA REGION VI	JOE WINKLER	(214)-767-1594	1.6	
TEXAS UTILITIES SERVICE, INC.	NY	02/22/82	EPA REGION II	BARRY TORNICK	(212)-264-9579	1.6	
SOURCE TYPE -- REFUSE INCINERATION							
ENERGY ANSWERS CORP.	MA	03/15/82	EPA REGION I	JOHN COURCIER	(617)-223-4448	2.1	
MCKAY BAY REFUSE-TO-ENERGY PROJECT	FL	04/25/82	FLORIDA DER	JOHN SVEC	(904)-488-1344	2.1	
MCKAY BAY REFUSE-TO-ENERGY PROJECT	FL	07/02/82	FLORIDA DER	JOHN SVEC	(904)-488-1344	2.1	
MUNICIPAL INCINERATOR PULASKI HWY	MD	01/25/80	EPA REGION III	ED VOLBERG	(215)-597-8990	2.1	
NESWC RESOURCE RECOVERY FACILITY	MA	05/27/82	EPA REGION I	JOHN COURCIER	(617)-223-4448	2.1	

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	INDEX
N.E. MARYLAND WASTE DISPOSAL AUTHORITY REDDY CREEK IMPROVEMENT DIST	MD	09/10/81	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	2.1
REFUSE FUELS, INC.	FL	02/11/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	2.1
RESOURCES AUTHORITY	MA	03/23/81	EPA REGION I	JOHN COURCIER	(617)-223-4448	2.1
STEAM SUPPLY CORP.	TN	08/01/80	TENNESSEE APC	MERVAT AHMED	(615)-741-3651	2.1
	OK	12/16/82	TULSA CITY-COUNTY *	JIM VAN SANDT	(918)-744-1000	2.1
SOURCE TYPE -- SEWAGE SLUDGE INCINERATION						
CITY OF L.A., HYPERION, BUREAU OF ENGIN*	CA	09/30/82	EPA REGION IX	RICK SUGAREK	(415)-974-8224	2.2
SOURCE TYPE -- OTHER SOLID WASTE DISPOSAL						
DELAWARE SOLID WASTE AUTHORITY	DE	03/14/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	2.3
DELAWARE SOLID WASTE II	DE	03/14/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	2.3
SOURCE TYPE -- NATURAL GAS TURBINES						
CHUGACH ELECTRIC ASSOCIATION, UNIT #4	AK	08/06/82	EPA REGION X	PAUL BOYS	(206)-442-1567	3.1
COLORADO INTERSTATE GAS	KS	10/19/82	EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.1
CROWN ZELLERBACH, INC.	CA	03/01/82	BAY AREA AQMD	DOUG WOLF	(415)-771-6000	3.1
KILN-GAS R & D INC.	IL		ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	3.1
KISSIMMEE UTILITIES	FL	02/19/82	FLORIDA DER	TERESA HERON	(904)-488-1344	3.1
NEVADA PUR CO., CLARK STATION UNIT #7	NV	10/01/79	EPA REGION IX	JIM HANSON	(415)-974-8038	3.1
NEVADA PUR CO., CLARK STATION UNIT #8	NV	09/11/80	EPA REGION IX	LARRY BOWERMAN	(415)-974-8213	3.1
NORTHERN NATURAL GAS	KS	03/12/82	EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.1
PANHANDLE EAST. PIPELINE CO.	KS	11/18/81	EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.1
PRUDHOE BAY CONSORTIUM	AK	09/29/81	EPA REGION X	DAVID TETTA	(206)-442-1193	3.1
PUGET SOUND POWER & LIGHT	WA	08/23/82	EPA REGION X	PAUL BOYS	(206)-442-1567	3.1
SW GAS STORAGE CO., PANHANDLE EAST. PIPP*	KS	12/11/80	EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.1
TEXAS EASTERN TRANSMISSION CO.	PA	07/07/82	EPA REGION III	VERNON BUTLER	(215)-597-2711	3.1
VULCAN MATERIALS CO.	KS	07/23/81	EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.1

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SOURCE TYPE	COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	INDEX
SOURCE TYPE -- NATURAL GAS COMPRESSORS							

ALGONQUIN GAS TRANSMISSION CO.	CT	03/05/82	EPA REGION I	JOHN COURCIER	(617)-223-4448	3.2
CO INTERSTATE GAS, CHEYENNE	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
CO INTERSTATE GAS, DEERTRAIL	CO	10/24/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
CO INTERSTATE GAS, FLANK	CO	10/24/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
CO INTERSTATE GAS, KIT CARSON	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
CO INTERSTATE GAS, TOTEM/LONG	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
CO INTERSTATE GAS, WATKINS	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
CONSOLIDATED GAS SUPPLY CORP.	KY	09/14/81	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	3.2
EL PASO NATURAL GAS CO., WASHINGTON RAN*	NM	05/14/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKR1*	(505)-984-0020	3.2
GETTY OIL CO.	TX	10/12/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	3.2
LLANO, INC.	NM	06/22/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKR1*	(505)-984-0020	3.2
MICHIGAN WISCONSIN PIPE LINE CO.	MI	11/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	3.2
MTN FUEL RESOURCES-KASTLER	UT	11/25/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
PANHANDLE EAST. PIPELINE CO.	KS	07/28/80	EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.2
PANHANDLE EAST. PIPELINE-FRED.	CO	11/25/81	EPA REGION VII	JOHN DALE	(303)-837-3763	3.2
PANHANDLE EAST., FT. LUPTON	CO	05/29/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
SOUTHERN NAT. GAS	AL	01/29/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	3.2
SOUTHERN NAT. GAS	AL	06/04/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	3.2
SOUTHERN NAT. GAS	AL	06/04/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	3.2
TENNESSEE GAS PIPELINE CO.	PA	03/01/83	PENNSYLVANIA BAQ, *	WILLIAM CHARLTON	(614)-724-8530	3.2
TRANSWESTERN PIPELINE CO., BITTER LAKE *	NM	09/23/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKR1*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., BITTER LAKE *	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKR1*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., ISLER NO. 1 *	NM	05/08/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKR1*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., KEMMITZ STAT*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKR1*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKR1*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKR1*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKR1*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKR1*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKR1*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKR1*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., MALLAMAR STAT*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKR1*	(505)-984-0020	3.2
VALERO TRANSMISSION CO.	TX	09/09/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	3.2

SOURCE TYPE -- OTHER INTERNAL COMBUSTION

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CAJUN ELECT. POWER COOP.	LA	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594
CITY OF AUGUSTA	KS	05/29/81	EPA REGION VII	STEVE KOVAC	(816)-374-6525
CITY OF KINGMAN	KS	03/01/83	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525
CITY OF OTTAWA	KS	12/02/80	EPA REGION VII	STEVE KOVAC	(816)-374-6525
EMPIRE DIST. ELECT. CO.	MO	01/07/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525
FLORIDA POWER	FL	01/21/81	FLORIDA DER	ED PALAGY I	(904)-488-1344
GULF STATES UTILITY	LA	01/30/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594
GULF STATES UTILITY	LA	12/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594
HOFFMANN-LAROCHE, INC.	NJ	08/17/81	EPA REGION II	LARRY KARAS	(212)-264-9538
MUNICIPAL GENERATING PLANT	KS		EPA REGION VII	STEVE KOVAC	(816)-374-6525
NEVADA PHR CO./REID GARDNER STATION	NV	01/03/80	EPA REGION IX	JIM HANSON	(415)-974-8038
PRUDHOE BAY CONSORTIUM	AK	12/17/80	EPA REGION X	PAUL BOYS	(206)-442-1193
SEA WORLD, INC.	CA	06/11/82	SAN DIEGO APCD	GUS ANDERSON	(619)-565-3925
SEA WORLD, INC.	CA	03/15/83	SAN DIEGO APCD	GUS ANDERSON	(619)-565-3925
SERVING UTILITIES COMMISSION	FL	04/03/81	FLORIDA DER	ED PALAGY I	(904)-488-1344
SHELL OIL CO.	TX	03/27/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594
TRENTON DISTRICT ENERGY CO.	NJ	10/29/81	EPA REGION II	LARRY KARAS	(212)-264-9538

SOURCE TYPE -- SURFACE COATING - CANS/COILS

BALL METAL CONTAINER GROUP	OH	04/10/81	OHIO EPA - NWD	DON WALTERMEYER	(419)-352-8461
EVANS COOPERAGE CO., INC.	OK	05/04/82	TULSA CITY-COUNTY *	JIM VAN SANDT	(918)-744-1000
MILLER BREWING CO.	GA	07/02/79	GEORGIA FPD	HAI CHANG	(404)-656-6900
NATIONAL CAN CORP.	IL	11/09/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113
PREFINISH METALS	OH	05/04/79	OHIO EPA - NWD	CHUCK HULL	(419)-352-8461
STROH CONTAINER	OH	08/30/79	OHIO EPA - NWD	DON WALTERMEYER	(419)-352-8461

SOURCE TYPE -- SURFACE COATING - PAPERS/FABRICS

ALLIED PRINTERS & PUBLISHERS, INC.	OK	03/13/81	TULSA CITY-COUNTY *	JIM VAN SANDT	(918)-744-1000
AVERY INTERNAT	OH	06/11/81	OHIO EPA NED	DENNIS BUSH	(216)-425-9171
DIETZGEN CORP.	IL	12/11/80	EPA REGION V	CHRIS ROMAINE	(217)-782-2113
FRIE COPY SYS, INC	IN	11/07/00	INDIANA APCD	FRANK PROFIT	(317)-633-0664

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INTERNAT. LABEL MFG. FAC.	TN	03/26/80	TENNESSEE APCD	ANGIE PITCOCK	(615)-741-3651	4.2
ITEN FIBRE CO.	OH	12/23/81	OHIO EPA NED	DENNIS BUSH	(216)-425-9171	4.2
MURRAY RUBBER, (MEAD COMPANY)	TX	07/01/82	TEXAS ACB	ART KELLOGG	(512)-451-5711	4.2
NDM CORP.	OH	07/23/82	RAPCA - DAYTON, OH	THURMAN SMITH	(513)-225-4435	4.2
SOURCE TYPE -- SURFACE COATING - AUTO./LIGHT DUTY TRUCKS						
CHRYSLER CORP.	MI	06/05/80	WAYNE COUNTY APCD	AL SCHEANS	(313)-224-4693	4.3
FORD MOTOR CO.	MI	01/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	4.3
GM WORLD WIDE TRUCK DIV	OH	05/13/80	RAPCA - DAYTON, OH	AMY WRIGHT	(513)-225-4435	4.3
VOLKSWAGEN OF AM	MI	06/01/80	MICHIGAN DNR	JON TROUT	(517)-322-1333	4.3
SOURCE TYPE -- SURFACE COATING - METAL FURNITURE						
STEFILCASE, INC.	MI	06/01/80	MICHIGAN DNR	JOHN CAUDELL	(517)-322-1333	4.4
SOURCE TYPE -- SURFACE COATING - MAGNET WIRE						
PHELPS DODGE, MAGNET WIRE CORP.	KY	03/25/75	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	4.5
SOURCE TYPE -- SURFACE COATING - LARGE APPLIANCES						
SANYO E&E CORP.	CA	08/21/81	SAN DIEGO APCD	LORENZO ALEJANDRIA	(619)-565-3914	4.6
SOURCE TYPE -- SURFACE COATING - MISC. METAL PARTS/PRODUCTS						
MARK IND.	TX	10/20/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	4.7
SOURCE TYPE -- SOLVENT DEGREASING						

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BRIGGS & STRATTON CORP.	WI	03/04/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	4.9
SOURCE TYPE -- GRAPHIC ARTS						
BEMIS CARPHANE FILMS	WI	08/25/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	4.12
BEMIS CO.	WI	11/13/80	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	4.12
BENIS SPECIALTY FILMS	WI	12/21/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	4.12
BROWN PRINTING	KY	07/28/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	4.12
COLUMBUS COATED FABRICS	OH	04/29/81	OHIO EPA - CD	VICTOR FISHER	(614)-864-3195	4.12
CONTAINER CORP. OF AM	IN	10/31/80	INDIANA APCD	FRANK PROFIT	(317)-633-0664	4.12
CPS INDUSTRIES	TN		TENNESSEE APCD	ANN NIELSON	(615)-741-3651	4.12
DIVERSIFIED PRINTING	TN	03/10/81	TENNESSEE APCD	ANGIE PITCOCK	(615)-741-3651	4.12
R. J. R. ARCHER, INC.	NC		FORSYTH COUNTY ENV*	KEITH TART	(919)-727-8060	4.12
R.R. DONNELLEY & SONS CO.	IL	03/18/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	4.12
WORLD COLOR PRESS	IL	01/13/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	4.12
W.F. HALL PRINTING CO.	GA	10/04/82	GEORGIA EPD	BILL FARRISEE	(404)-656-4867	4.12
SOURCE TYPE -- OTHER ORGANIC EVAPORATION LOSS						
BROYHILL FURNITURE	NC		NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	4.14
MEREDITH CORP.	IA	04/15/82	EPA REGION VII	STEVE KOVAC	(816)-374-6525	4.14
ROCKWELL INTERNATIONAL	OK	07/08/80	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	4.14
SOLVENT RESOURCE RECOVERY	OH	07/07/82	RAPCA - DAYTON, OH	AMY WRIGHT	(513)-225-4435	4.14
SOURCE TYPE -- PETR. REFINING/OIL & GAS PROD./RELATED INDUSTRY						
EXXON CO	MS	03/04/81	MISSISSIPPI DNR	DWIGHT WILEY	(601)-356-2550	5.0
SOURCE TYPE -- PETROLEUM REFINING - SEPARATION						
APCO PETROLEUM PROD. CO.	CA	04/06/79	EPA REGION IX	RICK SUGAREK	(415)-974-8058	5.1
GULF STATES OIL & REFINING CO.	TX	12/04/80	TEXAS ACB	STUART KEIL	(512)-451-5711	5.1

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

TABLE 1. INDEX (CONTINUED).

REPORT DATE 04/29/1983

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
THE DOW CHEMICAL CO.	TX	12/03/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.1
SOURCE TYPE -- PETROLEUM REFINING - CONVERSION						
ASHLAND OIL, INC.	KY	09/21/82	KENTUCKY DAFC	BILL DILLS	(502)-564-3382	5.2
CHAMPLIN PETROLEUM CO.	CA	03/24/80	EPA REGION IX	LARRY BOWERMAN	(415)-974-8213	5.2
CHAMPLIN PETROLEUM CO.	TX	11/13/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.2
EXXON CO., USA/BAYWAY REFIN.	NJ	10/27/80	EPA REGION II	LARRY KARAS	(212)-264-9538	5.2
TOSCO CORP.	CA	02/19/82	BAY AREA AQMD	JIM KARAS	(415)-771-6000	5.2
UNITED REFINING CO.	PA	01/25/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	5.2
SOURCE TYPE -- PETROLEUM REFINING - TREATING						
ENDESCO, INC.	AR	12/05/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.3
OIL INTERNATIONAL LTD	MT	03/10/83	STATE OF MONTANA	HARRY KELTZ	(406)-449-3454	5.3
SOURCE TYPE -- PETROLEUM REFINING - FEEDSTOCK						
AMOCO OIL CO.	IN	02/27/81	INDIANA APCD	KEN KEARNEY	(317)-633-0647	5.4
ARCO PIPELINE CO.	PA	01/18/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	5.4
VENTECH REFIN.	LA	02/13/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.4
SOURCE TYPE -- PETROLEUM REFINING - AUXILIARY						
ALLIED MATERIALS CORP.	OK	09/30/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	5.5
AMOCO	TX	12/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
AMOCO TEXAS REFINING CO.	TX		EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
AMOCO, CAVE CREEK	UT	05/20/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	5.5
CALCASIEU REFIN.	LA	07/22/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
CAROLINA REFINING & DIST	GA	09/10/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	5.5
CHAMPLIN PETROLEUM CO.	TX	04/03/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
CHEVRON USA REF.	MS	12/10/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	5.5

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TABLE 1. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	INDEX
CHEVRON USA, INC.	CA	04/08/82	BAY AREA AQMD	JOHN SWANSON	(415)-771-6000	5.5
CITIES SERVICE CO.	LA	01/18/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
CLARK OIL CO., WOOD RIVER REFIN.	IL	09/25/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	5.5
COASTAL STATES PETROLEUM	TX	10/14/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
CONOCO, INC.	LA	10/08/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	5.5
CONOCO, INC.	LA	08/10/81	EPA REGION VI	TON DIGGS	(214)-767-1594	5.5
CRA, INC.	KS	09/04/80	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	5.5
DIAMOND SHAMROCK CORP.	TX	09/04/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
EXXON CHEMICAL AMERICAS	TX	07/30/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.5
FRIENDSHOOD REFIN.	TX	06/30/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
GETTY OIL CO.	CA	08/24/82	EPA REGION IX	JOE SLAMOVICH	(415)-974-8235	5.5
GOOD HOPE REFIN., INC.	LA	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
GULF OIL CO.	TX	10/13/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
GULF OIL CO.	TX	10/21/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
HAWAIIAN INDEPEND. REFIN.	HI	08/18/81	EPA REGION IX	DENNIS BEAUREGARD	(415)-974-8236	5.5
HIGH PLAINS ENERGY CO.	MT	09/05/80	EPA REGION VII	JOHN DALE	(303)-837-3763	5.5
HILL PETROLEUM	LA	03/10/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.5
HYDROCARBON RECYCLERS, INC.	OK	05/14/82	TULSA CITY-COUNTY *	JIM VAN SANDT	(918)-744-1000	5.5
INDEPENDENT REFIN.	TX	09/11/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.5
LONGVIEW REFIN.	TX	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
MARATHON OIL CO.	IL	09/01/80	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	5.5
MARATHON OIL CO.	TX	03/03/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
NATIONAL COOP. REFIN. ASSOC.	KS	07/17/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	5.5
NEDERLAND PROCESSING CO.	TX	10/31/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
PETRACO VALLEY OIL & REFINING CO.	TX	10/15/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
PHILLIPS PETROLEUM CO.	TX	10/15/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
PROCESS REFIN. CO.	CA	09/19/79	EPA REGION IX	MATT HABER	(415)-974-8058	5.5
PROVIDENT ENERGY CO.	AZ	03/03/80	EPA REGION IX	JIM HANSON	(415)-974-8038	5.5
SABER REFIN.	TX	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
SIGNORE REFIN. CO.	TX	12/10/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
SOUTHERN UNION REFIN.	NM	10/05/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
STANDARD OIL	OH	03/08/82	OHIO EPA - NWD	CHUCK HULL	(419)-352-8461	5.5
SUNOCO	PA	03/20/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	5.5
TEXACO	LA	12/23/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.5
TEXACO, INC.	LA	11/16/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
TEXACO, INC.	LA	04/23/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5

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TABLE 1. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	INDEX
TEXACO, INC.	TX	06/20/79	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
TOSCO CORP.	CA	06/18/80	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	5.5
UNI OIL	TX	03/12/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
VENTECH REFIN.	LA	02/13/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
SOURCE TYPE -- PETROLEUM REFINING - ENTIRE OPERATION						
GARY WESTERN REFIN.	CO	06/24/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	5.6
HAMPTON ROADS ENERGY CO.	VA	01/25/80	EPA REGION III	EILEEN GLEN	(215)-597-8187	5.6
HESS OIL - VIRGIN ISLANDS	VI	02/09/82	EPA REGION II	ED NOWAK	(212)-264-8690	5.6
HILL PETROLEUM CO.	LA	10/09/80	EPA REGION VI	JOE WINKLER	(214)-767-2600	5.6
MIAMI VALLEY REFIN. CO.	IN	01/07/81	INDIANA APCD	FRANK PROFIT	(317)-633-0664	5.6
MITCHELL ENERGY	TX	07/24/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.6
SUNLAND REFIN. CORP.	CA	09/22/80	EPA REGION IX	DAVID SOLOMON	(415)-454-8066	5.6
SWANN OIL CO.	VA	03/30/81	EPA REGION III	EILEEN GLEN	(215)-597-8187	5.6
VIRGIN ISLANDS REFINERY CORP.	VI	09/04/81	EPA REGION II	ED NOWAK	(212)-264-8690	5.6
SOURCE TYPE -- BULK TERMINALS						
AMOCO OIL CO., GRANVILLE	WI	06/23/80	WISCONSIN DNR	ELIZABETH SPAETH	(414)-257-4929	5.7
ASHLAND PETROLEUM CO.	KY	04/01/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	5.7
BAYTANK INC., HOUSTON	TX	02/12/82	TEXAS ACB	STUART KEIL	(512)-451-5711	5.7
SOURCE TYPE -- STORAGE OF PETROLEUM LIQUIDS						
MCKESSON CHEMICAL CO.	OK	10/01/81	TULSA CITY-COUNTY * BILL GIBBONS		(918)-744-1000	5.9
SOURCE TYPE -- TRANSPORT & MARKETING - PETROLEUM PRODUCTS						
ANR STORAGE CO.	MI	04/01/80	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	5.11
COLUMBIA GAS TRANSMISSION CORP.	OH	04/13/81	OHIO EPA CD	GEORGE DEMIS	(614)-864-3195	5.11
CRYSEN REFINING, WESTERN DIV.	UT	11/12/82	UTAH BAQ	DONALD ROBINSON	(801)-533-6108	5.11

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TABLE 1. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	INDEX
DEPT. OF THE NAVY NORTHERN ALASKAN PIPELINE NORTHERN TIER	TX AK AK	09/15/82 02/23/81 09/14/81	TEXAS ACB EPA REGION X EPA REGION X	STUART KEIL PAUL BOYS PAUL BOYS	(512)-451-5711 (206)-442-1193 (206)-442-1193	5.11 5.11 5.11

SOURCE TYPE -- NATURAL GAS/GASOLINE PROCESSING PLANTS

AMERADA HESS	TX	05/14/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.12
AMOCO PRODUCTION CO.	ND	01/12/83	NORTH DAKOTA SHD	GARY HELBLING	(701)-224-2348	5.12
CHAMPLIN PETROLEUM CO.	TX	01/11/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.12
CRYSTAL EXPLORATION CO., SECTION 18, T9N, *	MI	11/30/82	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	5.12
DELHI GAS PIPELINE CORP.	TX	04/29/82	TEXAS ACB	STUART KEIL	(512)-451-5711	5.12
ENDERCO	AR	02/23/83	ARKANSAS DEP	CECIL HARRELL	(501)-562-7444	5.12
EXXON CO., U.S.A.	TX	02/09/82	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.12
LIQUID ENERGY CORP.	NM	12/10/81	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	5.12
MARCO PRODUCTION CO.	NM	01/16/83	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	5.12
PHILADELPHIA GAS WORKS	PA	05/15/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	5.12
PHILLIPS PETROLEUM CO.	ND	10/25/82	NORTH DAKOTA SHD	GARY HELBLING	(701)-224-2348	5.12
PHILLIPS PETROLEUM CO.	NM	10/08/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	5.12
PHILLIPS PETROLEUM CO.	TX	01/30/80	EPA REGION VI	JOE WINKLER	(214)-767-1594	5.12
PROCESS EQUIPMENT CORP.	MI	03/23/82	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	5.12
REPUBLIC REFINING CO.	MS	08/03/81	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	5.12
SIO RICHARDSON CARBON & GASOLINE CO.	TX	01/14/81	TEXAS ACB	LES MONTGOMERY	(512)-451-5711	5.12
WARREN PETROLEUM CO.	NM	12/23/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.12
WARREN PETROLEUM CO.	ND	01/12/83	NORTH DAKOTA SHD	TERRY O'CLAIR	(701)-224-2348	5.12

SOURCE TYPE -- ASPHALT & ASSOCIATED PRODUCTS MFG./PROCESSING

B.A. CHILDS KERNRIDGE OIL CO.	UT CA	10/08/82 04/14/81	UTAH BAQ EPA REGION IX	DON ROBINSON DON HARVEY	(801)-533-6108 (415)-974-8223	5.13 5.13
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SOURCE TYPE -- CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)

AMINOIL USA, INC.	CA	08/04/82	EPA REGION IX	DAVID SOLOMON	(415)-974-8240	5.14
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TABLE 1. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
BERY HOLDING CO.	CA	02/23/81	EPA REGION IX	DON HARVEY	(415)-974-8223	5.14
CHEVRON USA, INC.	CA	07/16/82	EPA REGION IX	BOB BAKER	(415)-974-8215	5.14
GEOKINETICS INC., OIL SHALE	UT	11/13/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	5.14
MOBIL OIL EXPLORATION	AL	10/16/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	5.14
OXY-LOGAN WASH MODIF-1980	CO	06/27/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	5.14
PARAHO DEVELOPMENT CORP.	UT	11/16/82	UTAH BAQ	DONALD ROBINSON	(801)-533-6108	5.14
RIO BLANCO OIL SHALE #1	CO	12/20/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	5.14
TEXAS TAR SANDS, LTD	TX	06/24/82	TEXAS ACB	JAMES CROCKER	(512)-451-5711	5.14
TOSCO OIL SHALE-1981	UT	12/09/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	5.14
UNION OIL SHALE #1	CO	05/27/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	5.14
WHITE RIVER SHALE OIL CORP.	UT	08/04/82	UTAH BAQ	CARL BROADHEAD	(801)-533-6108	5.14
SOURCE TYPE -- OIL AND GAS FIELD SERVICE						
SIGNOF PIPELINE CO.	TX	04/27/78	TEXAS ACB	SAM CROWTHER	(512)-451-5711	5.15
UNITED GAS PIPE LINE CO.	TX	05/07/80	TEXAS ACB	JIM CARAWAY	(512)-451-5711	5.15
SOURCE TYPE -- PETROLEUM INDUSTRY -- OTHER						
BEAR CREEK STORAGE	LA	09/22/79	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.16
CHEVRON USA, INC.	UT	07/08/82	UTAH BAQ	DONALD ROBINSON	(801)-533-6108	5.16
COLORADO INTERSTATE GAS	OK	02/26/81	EPA REGION VI	JOE WINKLER	(214)-767-1594	5.16
HOUSTON PIPE LINE CO.	TX	04/30/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
OASIS PIPELINE CO.	TX	10/06/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
ODESSA NATURAL CORP.	TX	03/02/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	5.16
PANHANDLE EAST. PIPELINE	OK	05/29/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	5.16
PANHANDLE EAST. PIPELINE	OK	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
PANHANDLE EAST. PIPELINE	TX	02/11/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
PANHANDLE EAST. PIPELINE	TX	02/11/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
PANHANDLE EAST. PIPELINE	TX	02/11/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.16
SHELL OIL CO.	MI	04/19/83	MICHIGAN DNR	LAWRA STEINBERGER	(517)-322-1333	5.16
SHELL OIL CO.	MS	09/17/80	MISSISSIPPI DNR	DAWIGHT WILEY	(601)-354-2550	5.16
SOUTHERN NAT. GAS	LA	09/11/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	5.16
SOUTHERN NAT. GAS	LA	07/17/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16

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TABLE 1. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	INDEX
SUN GAS CO.	TX	02/26/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
TEXACO, INC.	LA	07/30/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	5.16
TEXACO, INC.	LA	07/27/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
TEXACO, INC.	LA	08/29/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
TEXACO, INC.	LA	08/29/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
UNITED GAS PIPE LINE CO.	LA	03/04/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
UNITED PIPE LINE CO.	TX	03/04/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
SOURCE TYPE -- ACRYLIC ACID PLANT						
BADISCHE CORP.	TX	08/05/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.3
SOURCE TYPE -- ALKYLBENZENE						
CONOCO, INC.	LA	10/08/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.9
SOURCE TYPE -- CARBON BLACK						
ASHLAND CHEMICAL CO.	LA	06/23/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.12
ASHLAND CHEMICAL CO.	TX	06/02/81	EPA REGION VI	JOE WINKLER	(214)-767-1594	6.12
SOURCE TYPE -- CHARCOAL						
BIG SANDY WOOD IND.	TX	09/03/82	TEXAS ACB	JIMMY RANDALL	(512)-451-5711	6.13
SOURCE TYPE -- CARBON BLACK						
CONTINENTAL CARBON	TX	09/03/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.12
GREAT LAKES CARBON	AR	12/21/78	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.12
PHILLIPS PETROLEUM CO.	OK	01/04/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.12

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TABLE 1. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
SOURCE TYPE -- CHLOROALKALI						
DIAMOND SHAMROCK CORP.	TX	06/20/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.14
SOURCE TYPE -- CHLOROBENZENE						
BOFORS NOBEL, INC.	MI	02/25/82	MICHIGAN DNR	DANITA BRANDT	(517)-322-1333	6.15
SOURCE TYPE -- ETHYLENE AND POLYETHYLENE						
GULF OIL CHEMICALS TEXAS EASTMAN CO. TEX-USS	TX	08/17/81 05/27/81 04/16/81	EPA REGION VI EPA REGION VI EPA REGION VI	RAGAN BROYLES TOM DIGGS JOHN BUNYAK	(214)-767-1594 (214)-767-1594 (214)-767-1594	6.24 6.24 6.24
SOURCE TYPE -- ETHYLBENZENE/STYRENE						
AMERICAN HOECHST	TX	07/01/77	TEXAS ACB	SAM CROWTHER	(512)-451-5711	6.27
SOURCE TYPE -- OTHER CHEMICAL						
CONOCO CHEMICAL CO.	TX	10/01/82	TEXAS ACB	ED KASPRZYK	(512)-451-5711	6.62
SOURCE TYPE -- FORMALDEHYDE						
EXXON CHEMICAL AMERICAS GEORGIA-PACIFIC CORP. INTERNAT. MINERALS & CHEMICAL CORP.	TX NC PA	09/16/82 01/17/80 09/12/79	TEXAS ACB NORTH CAROLINA DEM EPA REGION III	STUART KEIL MIKE SEWELL BOB BLASZCZAK	(512)-451-5711 (919)-733-6126 (215)-597-8186	6.32 6.32 6.32
SOURCE TYPE -- MALEIC ANHYDRIDE						

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

TABLE 1. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
MONSANTO CO.	FL	03/26/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	6.36
SOURCE TYPE -- METHANOL						
DOW CORNING CORP. GETTY METHANOL CORP.	KY DE	07/23/82 10/10/80	KENTUCKY DAPC EPA REGION III	BILL DILLS BOB BLASZCZAK	(502)-564-3382 (215)-597-8186	6.37 6.37
SOURCE TYPE -- PAINT & VARNISH						
SUN CHEMICAL CORP.	MI	08/24/82	MICHIGAN DNR	ASAD KHAN	(517)-322-1333	6.42
SOURCE TYPE - PHARMACEUTICAL						
ELI LILLY MEAD JOHNSON & CO.	IN IN	08/04/81 03/12/82	EPA REGION V INDIANA APCD	BONIFACE THAYIL FRANK PROFIT	(312)-886-6054 (317)-633-0664	6.43 6.43
SOURCE TYPE -- PHTHALIC ANHYDRIDE						
ASHLAND CHEMICAL CO.	WV	10/07/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	6.45
SOURCE TYPE -- SULFUR RECOVERY						
AMOCO PRODUCTION CO. SPONGE, INC. TEXACO, INC. - JUGET SOUND REFINERY	TX OH WA	10/16/79 02/25/81	TEXAS ACB CLEVELAND DAPC NORTHWEST APA	SAM CROWTHER IKRAM HABIB GLEN HALLMAN	(512)-451-5711 (216)-664-3508 (206)-336-5705	6.52 6.52 6.52
SOURCE TYPE -- SYNFUELS/FUEL CONVERSION (NOT OIL SHALE)						
ASHLAND SYNTHETIC FUELS, INC.	KY	02/28/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	6.53

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

TABLE 1. INDEX (CONTINUED).

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	REPORT DATE 04/29/1983
DEPT OF WATER RESOURCES PACIFIC GAS & ELECTRIC CO., GEYSERS UNI*	CA	06/15/81 05/21/82 01/08/80 05/05/81	EPA REGION IX EPA REGION IX EPA REGION IX EPA REGION IX	BOB BAKER MATT HABER BOB BAKER BOB BAKER	(415)-974-8220 (415)-974-8209 (415)-974-8220 (415)-974-8220	6.53 6.53 6.53 6.53
PACIFIC GAS & ELECT. CO. SACRAMENTO MUNICIPAL UTILITIES DIST.	CA					

SOURCE TYPE -- SYNTHETIC FIBERS	NC	02/01/83	NORTH CAROLINA DEM	MIKE SEWELL	(918)-733-7015	6.54
SOURCE TYPE -- SYNTHETIC RUBBER/RUBBER TIRES	IL NC	09/16/82	ILLINOIS EPA	CHRIS ROMAINE MIKE SEWELL	(217)-782-2113 (919)-733-6126	6.55 6.55
SOURCE TYPE -- VINYL CHLORIDE/POLYVINYLL CHLORIDE	KY NJ NJ KY TX TX TX	02/06/81 07/25/80 10/06/82 05/27/82 11/18/81 01/05/81 03/17/80	KENTUCKY DAPC EPA REGION II EPA REGION II KENTUCKY EPA EPA REGION VI EPA REGION VI EPA REGION VI	BILL DILLS LARRY KARAS PETER FLYNN BILL DILLS TOM DIGGS JOE WINKLER JOHN BUNYAK	(502)-564-3382 (212)-264-9538 (609)-264-2611 (502)-564-3382 (214)-767-1594 (214)-767-1594 (214)-767-1594	6.59 6.59 6.59 6.59 6.59 6.59 6.59
SOURCE TYPE -- ALCOHOL FUEL PRODUCTION	IA IA MI TX NE IN	04/15/81 11/13/81 07/15/80 03/27/81 09/21/82 12/03/81	EPA REGION VII EPA REGION VII MICHIGAN DNR EPA REGION VI NEBRASKA DEC EPA REGION V	DANIEL RODRIGUEZ CHARLES WHITMORE DANITA BRANDT TOM DIGGS GENE ROBINSON BONIFACE THAYIL	(816)-374-6525 (816)-374-6525 (517)-302-1333 (214)-767-1594 (402)-471-2189 (312)-886-6054	6.61 6.61 6.61 6.61 6.61 6.61

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

TABLE 1. INDEX (CONTINUED).

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE
PEAT METHANOL ASSOCIATES ROCK ISLAND LIQUID FUELS, INC.	NC IL	06/07/82 02/01/82	NORTH CAROLINA DEM ILLINOIS EPA	MIKE SEWELL CHRIS ROMAINE	(919)-733-6126 (217)-782-2113

SOURCE TYPE -- OTHER CHEMICAL

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE
AIRCO CARBIDE, DIV. OF AIRCO, INC.	KY	09/06/80	KENTUCKY DAPC	BILL DILLS	(502)-566-3382
AIRCO SPEER	PA	05/20/81	EPA REGION III	VERNON BUTLER	(215)-597-2711
AIRCO SPEER	PA	08/15/80	EPA REGION III	VERNON BUTLER	(215)-597-2711
AIRCO SPEER CARBON GRAPHITE	LA	06/05/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594
ALLIED CHEMICAL	LA	11/21/80	EPA REGION VI	TOM DIGGS	(214)-767-1594
AMERICAN HOECHST	TX	07/01/77	TEXAS ACB	SAM CROWTHER	(512)-451-5711
ARCHER DANIELS MIDLAND	IL	05/28/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113
ARKANSAS EASTMAN	AR	03/27/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594
BASF-WYANDOTTE	LA	03/27/81	EPA REGION VI	JOE WINKLER	(214)-767-1594
B.F. GOODRICH CHEMICAL GROUP	LA	11/24/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594
B.F. GOODRICH CO.	OH	11/30/81	OHIO EPA NED	DENNIS BUSH	(216)-425-9171
B.F. GOODRICH, CHEMICAL DIV	KY	02/28/80	KENTUCKY DAPC	JOHN McCARTHY	(502)-587-3327
DIAMOND SHARROCK CORP.	NC		NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126
DOW CHEMICAL	TX	10/01/82	TEXAS ACB	L. ROBERTS	(512)-451-5711
DOW CHEMICAL CO.	LA	08/11/81	EPA REGION VI	TOM DIGGS	(214)-767-1594
EMERY INDUSTRIES	OH	10/23/80	SW OHIO APC	JIM BAIRET	(513)-251-8777
ESK CORP.	IL		ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113
EXXON CHEMICAL	LA	05/01/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594
E.I. DUPONT DE NEMOURS	OH	12/08/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054
E.I. DUPONT DE NEMOURS	TX	04/28/81	EPA REGION VI	TOM DIGGS	(214)-767-1594
HCC CHEMICAL CO.	LA	11/06/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594
ICI AMERICAS, INC.	VA	07/28/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867
MALLINCKRODT, INC.	MO	06/17/82	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525
MALLINCKRODT, INC.	NC	04/19/83	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015
MERICK & CO., KERO DIVISION	CA	11/20/81	EPA REGION IX	RICK SUGAREK	(415)-974-8224
MEREDITH/BURDA, INC.	NC	07/08/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126
MOLY CORP., INC.	PA	03/21/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936
MONSANTO CO.	TX	08/26/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594
M&T CHEMICALS, INC.	KY	03/07/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382
PLAINS ELECT. GEN & TRANS	NH	12/29/81	EPA REGION VI	TOM DIGGS	(214)-767-1594

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TABLE 1. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
PPG INDUSTRIES	WV	10/08/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	6.62
PROCTOR CHEMICAL CO.	NC	02/02/83	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	6.62
PROCTOR & GAMBLE	GA	09/25/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	6.62
SHELL CHEMICAL CO.	LA	03/07/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.62
SMITH KLINE CORP.	PA	01/25/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	6.62
TENNESSEE EASTMAN CO.	TN	06/05/81	TENNESSEE APCD	ANGIE PITCOCK	(615)-741-3651	6.62
TENNESSEE EASTMAN CO.	TN	07/02/81	TENNESSEE APCD	ANN NIELSON	(615)-741-3651	6.62
UNION CARBIDE	GA	02/10/81	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	6.62
UNIROYAL CHEMICAL, DIV. OF UNIROYAL INC.	LA	09/26/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.62
U.S. BORAX & CHEMICAL CORP.	CA	10/08/82	CHATTANOOGA APCB	JOE SLAMOVICH	(415)-974-8235	6.62
VELSICOL CHEMICAL CO.	TN	10/08/81	MINNESOTA PCA	JAMES FRENCH	(615)-867-4321	6.62
3M CO., CHEMOLITE	MN	10/08/81		JERRY LIEFERT	(612)-296-7272	6.62
SOURCE TYPE -- FEED/GRAIN MILLS AND ELEVATORS						
ALLEN PRODUCTS CO., INC.	PA	09/04/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	7.3
BROOKPORT BARGE POINT, INC.	IL	04/03/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	7.3
BUNGE CORP.	MN	01/08/82	MINNESOTA PCA	GEORGE VASILAKES	(612)-296-7267	7.3
CARGILL, INC.	OH	01/19/78	RAPCA - DAYTON, OH	VICKIE SARVER	(513)-225-4435	7.3
CORN PRODUCTS	IL	09/23/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	7.3
SOURCE TYPE -- FERMENTATION AND ALCOHOLIC BEVERAGES						
ANHEUSER-BUSCH, INC.	CA	02/01/79	EPA REGION IX	JIM HANSON	(415)-974-8038	7.4
ANHEUSER-BUSCH, INC.	TX		EPA REGION VI	RAGAN BROYLES	(214)-767-1594	7.4
COORS CO.	VA	03/19/81	EPA REGION III	EILEEN GLEN	(215)-597-8187	7.4
SCHREIER MALTING CO	WI	04/21/80	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	7.4
SOURCE TYPE -- FERTILIZER PLANTS						
AGRICO CHEMICAL CO.	FL	03/20/80	FLORIDA DER	ED PALAGYI	(904)-488-1344	7.6
AGRICO CHEMICAL CO.	FL	01/21/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	7.6
CALIF. AMMONIA (CALAMCO)	CA	05/08/81	EPA REGION IX	DON HARVEY	(415)-974-8223	7.6

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TABLE 1. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE INDEX
CONSERV, INC.	FL	10/02/81	FLORIDA DER	WILLARD HAWKS	(904)-488-1344	7.6
GARDINIER, INC.	FL	07/11/80	FLORIDA DER	WILLARD HAWKS	(904)-488-1344	7.6
NEW WALES CHEMICALS, INC.	FL	06/01/81	FLORIDA DER	WILLARD HAWKS	(904)-488-1344	7.6
OCCIDENTAL CHEMICAL CO.	FL	01/29/81	FLORIDA DER	WILLARD HAWKS	(904)-488-1344	7.6
USS AGRI-CHEMICALS	FL	04/01/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	7.6
W R GRACE & CO	FL	04/01/81	FLORIDA DER	WILLARD HAWKS	(904)-488-1344	7.6
SOURCE TYPE -- FATS/VEGETABLE OILS						
OWENSBORO GRAIN CO.	KY	08/24/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	7.9
SOURCE TYPE -- FRUITS/VEGETABLES PROCESSING						
A.E. STALEY MFG. CO.	IA	07/30/81	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	7.11
SOURCE TYPE -- OTHER FOOD & AGRICULTURAL						
BOONE VALLEY COOP.	IA	08/28/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	7.12
CAMPBELL SOUP CO.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEMELL	(919)-733-6126	7.12
CAMPBELL SOUP CO.	OH	03/20/81	OHIO EPA - NRD	SAMIR ARAJ	(419)-352-8461	7.12
GENERAL FOODS CORP.	DE	12/23/82	DELAWARE DNR	HUGH MENIGHI	(302)-736-4791	7.12
GRIFFIN INDUSTRIES	IN		INDIANA APCD	RICHARD WILLIAMSON	(317)-633-0663	7.12
HTC INDUSTRIES	TX	11/30/81	TEXAS ACB	GARY WALLIN	(512)-451-5711	7.12
KNAPPEN VYLACTOS MOLASSES	MN	10/07/81	MINNESOTA PCA	JERRY LIEFERT	(612)-296-7272	7.12
LAND O' LAKES INC.	MN	10/08/81	MINNESOTA PCA	JERRY LIEFERT	(612)-296-7272	7.12
PACIFIC ADHESIVES COMPANY OF TEXAS	TX	09/02/82	TEXAS ACB	GARY WALLIN	(512)-451-5711	7.12
PRODUCERS COTTON OIL CO.	CA	06/20/80	FRESNO COUNTY APCD	WILLIAM RODDY	(209)-445-3239	7.12
R. J. REYNOLDS	NC		FORSYTH COUNTY ENV*	KEITH TART	(919)-727-8060	7.12
R. J. REYNOLDS TOBACCO CO.	NC	03/09/79	FORSYTH COUNTY ENV*	KEITH TART	(919)-727-8060	7.12
SOURCE TYPE -- PRIMARY ALUMINUM PRODUCTION						

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

TABLE 1. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
ALCOA	NC	05/20/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	8.1
ALCOA	WA	02/12/82	EPA REGION X	PAUL BOYS	(206)-442-1106	8.1
ALRECO METALS CO.	MI	09/15/81	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	8.1
ALUMAX PACIFIC CORP.	OR	01/20/83	OREGON DEQ	LLOYD KOSTOW	(503)-229-5186	8.1
ARCO ALUMINUM	KY	04/18/83	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	8.1
COASTAL ALUMINUM	SC	11/21/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	8.1
SOURCE TYPE -- COKE PRODUCTION						
AIRCO CARBIDE (DIV OF AIRCO, INC.)	KY	08/12/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	8.2
BETHLEHEM STEEL CORP.	MD	08/06/79	EPA REGION III	ED VOLLBERG	(215)-597-8179	8.2
GRANITE CITY STEEL	IL	06/01/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	8.2
GRANITE CITY STEEL	IL	10/01/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	8.2
INLAND STEEL CO.	IL	09/22/80	INDIANA APCD	TERRY HOYA	(317)-633-0664	8.2
HARTIN MARIETTA CORP.	IN	12/11/80	EPA REGION IX	DENNIS BEAUREGARD	(415)-974-8236	8.2
PENNSYLVANIA COKE TECHNOLOGY, INC.	CA	08/06/81	EPA REGION IX	VERNON BUTLER	(215)-597-2711	8.2
REPUBLIC STEEL CORP.	WV		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	8.2
SOURCE TYPE -- FERROALLOY PRODUCTION						
CABOT CORP.	IN	12/05/80	INDIANA APCD	RICHARD WILLIAMSON	(317)-633-0663	8.4
SOURCE TYPE -- IRON & STEEL PRODUCTION						
ARMCO STEEL CORP.	MD	12/12/79	EPA REGION III	ED VOLLBERG	(215)-597-8990	8.5
BAYOU STEEL	LA	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	8.5
BETHLEHEM STEEL CORP.	PA	07/03/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	8.5
CAMERON IRON WORKS	TX	10/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	8.5
CHAPANAL STEEL CO.	TX	01/31/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	8.5
FLORIDA STEEL CORP.	FL	01/03/83	FLORIDA DER	BRUCE MITCHELL	(904)-688-1344	8.5
FLORIDA STEEL CORP.	TN		TENNESSEE APC	MERVAT AHMED	(615)-741-3651	8.5
KENTUCKY ELECTRIC STEEL CO.	KY	09/18/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	8.5
LUFKIN INDUSTRIES, INC.	TX	05/26/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	8.5

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TABLE 1. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
ROANOKE ELECT. STEEL CO. STD SLAG CO., REPUB. STEEL CORP., #6 BL'	VA	03/27/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	8.5
THE TIMKEN CO.	OH	08/19/82	CLEVELAND DAPC	DANIEL NORTON	(216)-664-3508	8.5
U.S. STEEL/DUQUESNE WORKS YOUNGSTOWN STEEL CORP.	OH	12/21/81	CANTON APCD	BRUCE BLANKENSHIP	(216)-489-3385	8.5
	PA	07/06/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	8.5
	OH		EPA REGION V	BONIFACE THAYIL	(312)-886-6054	8.5
SOURCE TYPE -- SECONDARY ALUMINUM						
ALUMINUM CO. OF AMERICA BARRETT OF KENTUCKY, INC.	OH	02/18/83	CLEVELAND DAPC	RUDY ZUPAN	(216)-664-3508	8.8
CONSOLIDATED ALUMINUM CORP.	KY		KENTUCKY DAPC	BILL DILLS	(502)-564-3382	8.8
GMC, CEVIPAL FOUNDRY DIV	TN	06/05/81	TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	8.8
GREATER TENNESSEE METALS, INC.	IN	04/28/81	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	8.8
KAISER ALUMINUM & CHEMICAL CORP.	TN	10/03/80	TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	8.8
MARTIN MARIETTA OF KENTUCKY METAL RESOURCES, INC.	IN	11/07/80	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	8.8
WILMER PROCESSING DIV.	KY	08/17/77	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	8.8
	TN	06/25/80	TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	8.8
	WI		EPA REGION V	BONIFACE THAYIL	(312)-886-6054	8.8
SOURCE TYPE -- GRAY IRON FOUNDRIES						
BRILLION IRON WORKS CYCLONE IRON FOUNDRIES DANA CORP.	WI	08/03/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	8.11
LULING IRON FOUNDRY LYNCHBURG FOUNDRY UNIVERSAL FOUNDRY CO.	TX	07/16/80	TEXAS ACB	WAYNE DAIVISON	(512)-451-5711	8.11
VERMONT CASTINGS	IN	05/11/81	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	8.11
WAUPACA FOUNDRY PLANT #2 W-K-M VALUE DIV. OF ACF INDUSTRIES	TX	01/11/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	8.11
	VA	07/03/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	8.11
	WI	06/20/80	WISCONSIN DNR	DAN SCHRAMM	(414)-497-4044	8.11
	VT	12/23/81	VERMONT AEC	LARRY MILLER	(802)-828-3395	8.11
	WI	01/20/81	WISCONSIN DNR	DALE ZIEGE	(608)-866-0113	8.11
	TX	02/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	8.11
SOURCE TYPE -- SECONDARY LEAD SMELTING						
HAMMOND LEAD PROD., HALSTAB DIV	IN	11/25/81	HAMMOND APC	RAFIU DANIA	(219)-853-6306	8.12

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TABLE 1. INDEX (CONTINUED).

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							TABLE 2 INDEX
SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE		
P.B. CO.	IN	07/03/81	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	8.12	
SOURCE TYPE -- SECONDARY MAGNESIUM SHELTING							
ALLIED CHEMICAL CORP.	DE	11/18/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	8.13	
SOURCE TYPE -- STEEL FOUNDRIES							
ABEX CORP.	PA	07/20/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	8.14	
INTERNAL METALS RECLAMATION CO.	PA	10/02/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	8.14	
K O STEEL CASTING, INC.	TX	10/03/78	TEXAS ACB	WAYNE DAVISON	(512)-451-5711	8.14	
STRUCTURAL METALS, INC.	TX	05/07/80	TEXAS ACB	WAYNE DAVISON	(512)-451-5711	8.14	
SOURCE TYPE -- ORE CRUSHING AND GRINDING							
NATIONAL STEEL PELLET CO.	MN	12/06/81	MINNESOTA PCA	JAMES KOLAR	(612)-296-7274	8.19	
SOURCE TYPE -- OTHER METALLURGICAL PROCESSES							
AIRCO CARBON	NY	04/30/82	EPA REGION III	BARRY TORNICK	(212)-264-9579	8.22	
ATLAS MINERALS	UT	12/07/82	UTAH BAQ	DON ROBINSON	(801)-533-6108	8.22	
CUYAHOGA SMELTING & PROCESSING CO., INC.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	8.22	
DAYTON WALTHER CORP.	KY	07/30/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	8.22	
LAKE SIDE SLAG	IL	12/01/80	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	8.22	
SMITH INTERNATIONAL, INC.	NV	03/24/82	CLARK COUNTY	MIKE NAYLOR	(702)-383-1276	8.22	
SUPERIOR GRAPHITE	KY	03/10/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	8.22	
TRINITY INDUSTRIES INC	TX	07/24/81	TEXAS ACB	ART KELLOGG	(512)-451-5711	8.22	
WISCONSIN CENTRIFUGAL	WI		WISCONSIN DNR	DAVE SEITZ	(608)-267-7545	8.22	
WISCONSIN CENTRIFUGAL INC.	WI		WISCONSIN DNR	DAVE SEITZ	(608)-267-7545	8.22	
WISCONSIN CENTRIFUGAL INC.	WI		DAVE SEITZ		(608)-267-7545	8.22	

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE
SOURCE TYPE -- ASPHALT BATCHING PLANTS					
ALBANY ASPHALT PRODUCTS CORP.	WI	08/01/80	WISCONSIN DNR	BRIAN GALLEY	(608)-266-9418
BERKS PRODUCTS CORP.	SC	02/14/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406
B.R. AMON & SONS, INC.	PA	09/12/79	EPA REGION III	VERNON BUTLER	(215)-597-2711
C.F. CONSTRUCTION CO.	WI	05/23/80	WISCONSIN DNR	MIKE DEBROCK	(715)-362-7616
E.E. MOORE PAVING, INC.	MS	04/02/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550
E.J. BRENEMAN INC.	WV	06/06/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186
FRANCIS O. DAY CO., INC.	PA	07/16/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186
GENNARO ASPHALT CO., INC.	MD	05/14/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186
HIGHWAY PAVERS, INC.	OH	07/08/81	OHIO EPA - NED	TED DAVIS	(216)-425-9171
INDIANHEAD BLACKTOP INC	WI	03/06/80	WISCONSIN DNR	LARRY NIGHTINGALE	(414)-257-4411
IVERSON CONSTRUCTION CO., PLATTEVILLE	WI	07/14/82	WISCONSIN DNR	KRIS MCKINNEY	(608)-267-7542
J.F. CLECKLEY & CO.	SC	06/12/80	WISCONSIN DNR	BRIAN GALLEY	(608)-267-9418
J.H. RUDOLPH & CO., INC.	IN	01/21/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406
KEDAN SUPPLY CO.	TX	02/18/82	EPA REGION V	BONIFACE THAYIL	(312)-886-6054
KOKOSING MATERIALS, INC.	OH	02/05/82	TEXAS ACB	ROBERT MAUEL	(512)-451-5711
L.A. REYNOLDS	NC	01/16/80	OHIO EPA - CD	JAY MCCOY	(614)-864-3195
MARVIN V. TEMPLETON AND SONS, INC.	VA	05/07/79	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126
MATHY CONSTRUCTION CO.	WI	03/19/82	EPA REGION III	BOB BLASZCZAK	(215)-597-8186
MATHY CONSTRUCTION CO. PLANT #14	WI	03/01/81	WISCONSIN DNR	DAN JOHNSTON	(605)-267-9500
MILLCREEK TOWNSHIP	PA	05/14/79	EPA REGION III	JOE ANCZ	(715)-423-5670
MILLER ASPHALT PRODUCTS, INC.	MD	03/16/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186
MORGANTOWN ASPHALT CO.	WV	01/25/80	EPA REGION III	VERNON BUTLER	(215)-597-2711
M.A. LAYMAN & SONS	VA	07/16/79	VIRGINIA APCB	PAUL PITTS	(804)-786-4867
PAYNE & DOLAN INC.	WI	07/07/82	WISCONSIN DNR	IMELDA STAMM	(608)-266-6876
PAYNE & DOLAN INC., WAUKESHA	WI	06/12/80	WISCONSIN DNR	BRIAN GALLEY	(608)-267-9418
PENDLETON CONSTRUCTION CO.	VA	01/02/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186
REIN, SCHULTZ, & DAHL	WI	12/03/82	WISCONSIN DNR	DAN JOHNSTON	(608)-267-9500
RGK INDUSTRIES	NC	01/29/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126
ROCKROAD OF WISCONSIN	WI	09/15/82	WISCONSIN DNR	KATHY CARTWRIGHT	(608)-266-0244
RODNEY RASMUSSEN CO.	UT	01/04/81	EPA REGION VIII	JOHN DALE	(303)-837-3763
STEELSTONE	ME	11/23/82	MAINE DEP	ROBERT BALLEW	(207)-289-2437
STORY ASPHALT-PAVING	AL	03/10/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570
SUPERIOR SAND & ASPHALT CO.	WV	01/02/79	EPA REGION III	VERNON BUTLER	(215)-597-2711

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

TABLE 2
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TABLE 1. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
SYKESVILLE CONSTRUCTION CO., INC.	MD	04/03/79	EPA REGION III	EDWARD VOLBERG	(215)-597-8309	9.1
THE HORVITZ CO.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	9.1
TRI-STATE ASPHALT CORP.	OH		OHIO EPA - SED	FRED KLINGELHAFER	(614)-385-8501	9.1
WINDSOR SERVICES, INC.	PA	05/07/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	9.1
ZARLENGO BROS., INC.	PA	01/21/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	9.1
SOURCE TYPE -- BRICKS, CERAMIC, AND RELATED CLAY PRODUCTS						
D. M. STEWARD CO.	TN	10/08/82	CHATTANOOGA APCB	JAMES FRENCH	(615)-867-4321	9.2
GEORGIA KAOLIN CO.	GA	05/18/81	GEORGIA DNR	BILL MITCHELL	(404)-656-6900	9.2
INTERNATIONAL AMERICAN CERAMICS, INC.	OK	04/06/81	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	9.2
KAISSER REFRactories NATIVIDAD FACILITY	CA	09/30/81	EPA REGION IX	BOB BAKER	(415)-974-8220	9.2
MILCHEM	AR	08/07/79	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	9.2
SOURCE TYPE -- REFRactories						
JOHN MANSVILLE SALES CORP	TX	01/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	9.3
KAISSER REFACTORIES	CA	09/30/81	EPA REGION IX	BOB BAKER	(415)-974-8220	9.3
SOURCE TYPE -- PORTLAND CEMENT MANUFACTURING						
CALIF. PORTLAND CEMENT CO	CA	01/12/79	EPA REGION IX	DON HARVEY	(415)-974-8223	9.4
CREOLE CORP.	CA	05/20/80	EPA REGION IX	DON HARVEY	(415)-974-8223	9.4
DAL-TEX CEMENT	TX	09/03/82	TEXAS ACB	GARY MCARTHUR	(512)-451-5711	9.4
DIXIE CEMENT CO.	TN	09/10/81	TENNESSEE APCD	ANN NIELSON	(615)-741-5651	9.4
FLORIDA MINING & MATERIALS CORP.	FL	03/25/81	FLORIDA DER	JOHN SVEC	(904)-488-1344	9.4
IDEAL BASIC CEMENT	UT	05/28/82	UTAH DOH	CARL BROADHEAD	(801)-533-6108	9.4
KAISSER CEMENT & GYPSUM CORP.	CA	12/26/78	EPA REGION IX	DON HARVEY	(415)-974-8223	9.4
LAS VEGAS PORTLAND CEMENT	NV	02/01/82	EPA REGION IX	BOB BAKER	(415)-974-8215	9.4
LONESTAR FLORIDA PENNSUCO, INC.	FL	03/19/80	FLORIDA DER	ED PALAGYI	(904)-488-1344	9.4
LONESTAR FLORIDA PENNSUCO, INC.	FL	07/08/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	9.4
LONESTAR INDUSTRIES INC.	TX	02/19/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	9.4
LONESTAR INDUSTRIES INC.	WA	01/25/82	EPA REGION X	PAUL BOYS	(206)-442-1106	9.4

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	INDEX
LONESTAR PORTLAND CEMENT MONOLITH PORTLAND CEMENT CO.	UT CA	01/16/81 12/23/81	EPA REGION VIII EPA REGION IX	JOHN DALE DON HARVEY	(303)-837-3763 (415)-974-8223	9.4
SOUTHWESTERN PORTLAND CEMENT CO. SOUTHWESTERN PORTLAND CEMENT CO.	TX TX	02/26/81 11/05/81	EPA REGION VI EPA REGION VI	BILL TAYLOR JOHN BENHAM	(214)-767-1594 (214)-767-1594	9.4
TEXAS CEMENT CO.	TX	05/16/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	9.4
SOURCE TYPE -- CEMENT (OTHER THAN PORTLAND) MANUFACTURING						
ASH GROVE CEMENT CO. ATLANTIC CEMENT CO., INC.	NE MD	10/22/80 11/03/80	NEBRASKA DEC	GENE ROBINSON CARL YORK	(402)-471-2186 (301)-383-2776	9.5
BANKS CONSTRUCTION CO.	SC	04/01/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	9.5
BEEHIVE CEMENT, SANTAGUIN PLANT MARTIN MARIETTA-LEAMINGTON	UT UT	02/27/81 06/06/81	EPA REGION VIII EPA REGION VIII	JOHN DALE JOHN DALE	(303)-837-3763 (303)-837-3763	9.5
SOURCE TYPE -- COAL CLEANING						
ETSI ETSI SOUTHERN CA EDISON COALWATER STATION	AR AR CA	01/28/83 01/28/83 12/09/81	ARKANSAS DPC ARKANSAS DPC EPA REGION IX	MIKE PORTA MIKE PORTA DICK GROW	(501)-562-7444 (501)-562-7444 (415)-974-8219	9.6 9.6 9.6
SOURCE TYPE -- COAL CLEANING (THERMAL DRYER)						
CONSOL PENNSYLVANIA COAL CO. METTIKI COAL	PA MD	05/03/82 07/05/78	EPA REGION III EPA REGION III	GREGORY HAM CRAIG HOLDEFER	(215)-597-2745 (301)-383-3147	9.7 9.7
SOURCE TYPE -- GLASS FIBER MANUFACTURING						
CERTAINTEED CORP. PPG INDUSTRIES	CA TX	06/22/81 05/27/81	EPA REGION IX EPA REGION VI	RICK SUGAREK JOHN BUNYAK	(415)-974-8062 (214)-767-1594	9.8 9.8
SOURCE TYPE -- FRIT MANUFACTURING						

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GUARDIAN INDUSTRIES CORP.	TX	02/18/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	9.9
SOURCE TYPE -- GLASS MANUFACTURING						
BALL CORP.	CA	02/13/80	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	9.11
GUARDIAN INDUSTRIES CORP.	CA	01/11/81	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	9.11
PPG INDUSTRIES	IL	05/29/80	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	9.11
PPG INDUSTRIES	MD	11/07/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	9.11
SOURCE TYPE -- GYPSUM MANUFACTURING						
CONTINENTAL LIME, INC U.S. GYPSUM	UT	12/05/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	9.12
	TX	02/13/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	9.12
SOURCE TYPE -- LIME MANUFACTURING						
ARMCO INC. - PIQUA MINERALS	OH	06/15/81	REGIONAL APC	REBECCA POHLMAN	(513)-335-5655	9.13
CHEMSTONE CORP.	VA	02/07/83	VIRGINIA APCB	KATHERINE MILLER	(804)-786-4867	9.13
DAN RIVER, INC.	VA	03/22/82	VIRGINIA APCB	RENALDO JENKINS	(804)-786-4867	9.13
DOHTAR INDUSTRIES, INC.	PA	09/10/81	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	9.13
J.E. BAKER CO.	OH	02/22/80	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	9.13
SOURCE TYPE -- MINERAL WOOL MANUFACTURING						
TEXACO, INC. U.S. GYPSUM U.S. GYPSUM	CA	04/09/80	EPA REGION IX	DON HARVEY	(415)-974-8223	9.14
	IN	02/06/80	EPA REGION V	BONIFACE THAYIL	(312)-856-6054	9.14
	OH	03/11/80	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	9.14
SOURCE TYPE -- PERLITE MANUFACTURING						

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TABLE I. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE INDEX
CAROLINA STALITE	NC	11/05/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	9.15
SOURCE TYPE -- PHOSPHATE ROCK PROCESSING						
ESTECH GENERAL CHEMICALS MOBIL CHEMICAL CO.	FL	01/29/81 03/20/80	FLORIDA DER FLORIDA DER	WILLARD HAWKS WILLARD HAWKS	(904)-488-1344 (904)-488-1344	9.16 9.16
SOURCE TYPE -- STONE QUARRYING, SAND/GRAVEL						
COAL INDUSTRY SERVICES CO. CONCRETE MATERIALS INC. GAF CORP. MARTIN MARIETTA AGGREGATES MARYLAND MATERIALS, INC. MID-CONTINENT MATERIALS, INC. WALDRON CRUSHED STONE CO.	VA NY PA IN MD OK IN	12/06/79 05/12/80 02/29/80 02/25/81 10/04/79 11/19/79 10/21/80	EPA REGION III EPA REGION II EPA REGION III INDIANA APCD EPA REGION III TULSA CITY-COUNTY * INDIANA APCD	VERNON BUTLER PAUL KAHN DAVID ARNOLD FRANK PROFIT ED VOLBERG BILL GIBBONS TED SONDERS	(215)-597-2711 (212)-264-9578 (215)-597-7936 (317)-633-0664 (215)-597-8990 (918)-744-1000 (317)-633-0665	9.17 9.17 9.17 9.17 9.17 9.17 9.17
SOURCE TYPE -- TACONITE ORE PROCESSING						
CONOCO, INC. TENNESSEE EASTMAN CO. TENNESSEE EASTMAN CO.	OH TN TN	02/23/81 12/12/80 09/24/80	EPA REGION V TENNESSEE APCD TENNESSEE APCD	BONIFACE THAYIL ANN NIELSON ANN NIELSON	(312)-886-6054 (615)-741-3651 (615)-741-3651	9.18 9.18 9.18
SOURCE TYPE -- MINING OPERATIONS						
SHELL OIL CO.-BUCKSKIN MINE	WY	03/04/80	EPA REGION VIII	JOHN DALE	(303)-637-3763	9.19
SOURCE TYPE -- OTHER MINERAL PRODUCTS INDUSTRY						
AM MATERIALS CONSTRUCTION AMSELCO COAL, FULTON MINE	WI IN	04/02/80 08/28/80	WISCONSIN DNR INDIANA APCD	DONALD WHITE RICHARD WILLIAMSON	(715)-836-4268 (317)-633-0663	9.21 9.21

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE INDEX
BADGER MINING CORP.	WI	06/27/80	WISCONSIN DNR	BRIAN GALLEY	(608)-286-9418	9.21
GENERAL CASTING CORP.	WI	06/06/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	9.21
LONE STAR POLYMER CONCRETE CO.	VA	01/21/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	9.21
MULLITE CO.	GA	10/07/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	9.21
PATRICK COAL CORP.	VA	02/08/83	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	9.21
PPG INDUSTRIES	NC	10/03/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	9.21
SW ELECT. POWER	TX	02/23/81	EPA REGION VI	JOHN BUNYAK	(214)-737-1594	9.21
SOURCE TYPE -- KRAFT PULP MILLS						
ALABAMA KRAFT	AL	07/29/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	10.1
ALABAMA RIVER PULP CO., INC	AL	11/06/75	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570	10.1
BOWATER CAROLINA CO.	SC	05/03/82	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	10.1
CHAMPION INTERNAT. CORP.	MI	03/17/81	MICHIGAN DNR	RANDAL TELEZ	(517)-322-1333	10.1
CHESAPEAKE CORP.	VA	06/10/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	10.1
CONTAINER CORP. OF AM	AL	12/21/79	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	10.1
CONTAINER CORP. OF AM	FL	04/13/81	FLORIDA DER	BOB KING	(904)-688-1344	10.1
FEDERAL PAPERBOARD CO.	NC	08/31/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.1
FEDERAL PAPERBOARD CO.	NC	06/07/82	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.1
GEORGIA-PACIFIC CORP.	LA	03/27/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	10.1
GEORGIA-PACIFIC CORP.	AR	03/19/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	10.1
HAMERMILL PAPER	AL	03/26/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	10.1
INDEPENDENT KRAFT CORP.	AL	02/23/83	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570	10.1
INTERNATIONAL PAPER CO.	LA	11/18/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	10.1
INTERSTATE PAPER CORP.	GA	04/16/82	GEORGIA EPD	DAVID WEAVER	(404)-656-4867	10.1
KIRBY FOREST INDUSTRIES	TX	08/14/80	EPA REGION VI	GEORGE KENNEDY	(214)-767-2742	10.1
LEAP RIVER FOREST	MS	03/14/80	MISSISSIPPI DNR	DIGHT WILEY	(601)-354-2550	10.1
LONGVIEW FIBRE	WA	11/12/80	WASHINGTON DOE	GEORGE HOUCK	(206)-459-6032	10.1
OLINKRAFT	LA	10/08/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	10.1
PORT ST. JOE	FL	02/18/82	FLORIDA DER	ED PALAGYI	(904)-488-1344	10.1
POTLATCH	ID	04/25/83	IDAHO AQB	CLINT AYER	(208)-334-5360	10.1
SCOTT PAPER	AL	01/15/81	ALABAMA APCD	SUE ROBERTSON	(205)-830-6570	10.1
SIMPSON LEE PAPER CO.	CA	09/15/82	EPA REGION IX	MATT HABER	(415)-974-8209	10.1
SIMPSON LEE PAPER CO.	CA	01/14/75	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	10.1
SIMPSON LEE PAPER CO.	CA	06/07/82	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	10.1

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TABLE 1. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
ST REGIS PAPER CO.	FL	06/26/81	FLORIDA DER	BOB KING	(904)-438-1344	10.1
ST REGIS PAPER CO.	FL	06/26/81	FLORIDA DER	BOB KING	(904)-438-1344	10.1
ST. REGIS PAPER CO.	ME	03/10/82	MAINE DEP	ROBERT BALLEW	(207)-289-2437	10.1
ST. REGIS PAPER CO.	ME	05/20/82	MAINE DEP	JOHN CHANDLER	(207)-289-2437	10.1
UNION CAMP CORP.	AL	11/15/77	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570	10.1
UNION CAMP CORP.	SC	02/25/82	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	10.1
WESTERN KRAFT	KY	12/03/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	10.1
WESTVACO CORP.	SC	02/24/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	10.1
WESTVACO CORP. - FIVE PAPERS DIV.	KY	03/30/78	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	10.1
WEYERHAUSER CO.	MS	05/22/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	10.1
WILLAMETTE INDUSTRIES, INC., CORRUGATE*	KY	04/30/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	10.1

SOURCE TYPE -- WOOD PULPING (OTHER THAN KRAFT)

AUGUSTA NEWSPRINT CO.	GA	10/04/82	GEORGIA EPD	DAVID WEAVER	(404)-656-4867	10.2
BEAR ISLAND PAPER CO.	VA	09/28/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	10.2
FLANREAU PAPER CORP.	WI	04/28/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	10.2
FORT HOWARD PAPER CO.	OK	10/21/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	10.2
FORT HOWARD PAPER CO.	OK	10/21/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	10.2
MCMILLIAN BLOEDAL	AL	04/30/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	10.2
SUNBELT FOREST PRODUCTS CORP.	AL	04/20/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	10.2

SOURCE TYPE -- HARDBOARD

ABI TIBI CORP.	NC	03/25/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.3
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SOURCE TYPE -- PLYWOOD PLANTS

KIRBY FOREST INDUSTRIES	TX	01/09/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	10.4
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SOURCE TYPE -- WOODWORKING

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

TABLE 1. INDEX (CONTINUED).

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BROYHILL FURNITURE	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.5
BROYHILL FURNITURE	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.5
SOURCE TYPE -- OTHER WOOD PRODUCTS						
BURLINGTON IND.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.6
CROWN WOOD PRODUCTS	NC	01/28/82	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.6
EAGLE ENERGY	ID	03/15/83	IDAHO AQB	CLINT AYER	(208)-334-5360	10.6
GEORGIA-PACIFIC CORP.	NC	01/07/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.6
GEORGIA-PACIFIC CORP.	NC	06/01/82	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.6
HOOKEF FURNITURE CORP.	VA	02/16/82	VIRGINIA APCB	RENALDO JENKINS	(804)-786-4867	10.6
SOURCE TYPE -- KRAFT PULP MILLS						
INTERNATIONAL PAPER CO.	AR	07/05/82	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	10.1
SOURCE TYPE -- OTHER WOOD PRODUCTS						
INTERNATIONAL PAPER CO.	AR	03/25/83	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	10.6
J.M. HUBER CORP.	ME	08/25/82	MAINE DEP	ROBERT BALLEW	(207)-289-2437	10.6
LOUISIANA-PACIFIC CORP.	ME	01/27/82	MAINE DEP	ROBERT BALLEW	(207)-289-2437	10.6
NATICK PAPERBOARD	MA	04/30/81	EPA REGION I	SARAH SIMON	(617)-223-4448	10.6
PACKAGING CORP. OF AM	MI	12/16/80	MICHIGAN DNR	JOHN CAUDELL	(517)-322-1333	10.6
PROCTOR & GAMBLE PAPER PRODUCTS	TX	02/01/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	10.6
PROCTOR & GAMBLE PAPER PROD. PLANT	CA	04/02/80	EPA REGION IX	RAY SEID	(415)-974-8066	10.6
SOURCE TYPE -- GENERAL MANUFACTURING AND FABRICATION						
AIRCO CARBON	SC	01/11/82	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	11.0
A.O. SMITH CORP.	WI	06/05/80	WISCONSIN DNR	LARRY NIGHTINGALE	(414)-257-4411	11.0
BUICK MOTOR DIV., GMC	MI	03/31/81	MICHIGAN DNR	JOHN CAUDELL	(517)-322-1333	11.0
CAMPBELL SOUP CO.	NC	01/29/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	11.0

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 04/29/1983

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE
CHEVROLET TRUCK ASSEMBLY PLANT	MI	06/25/80	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333
CHICAGO & NORTHWESTERN TRANSP. CO.	MI	06/01/80	MICHIGAN DNR	JOHN TROUT	(517)-322-1333
COLT INDUSTRIES - HOLLEY CARBURETOR DIV	TN	05/01/80	TENESSEE APCD	ANGIE PITCOCK	(615)-741-3651
FIRESTONE TIRE CO.	GA	11/13/80	GEORGIA EPA	BILL MITCHELL	(404)-656-6900
FORD MOTOR CO., LIMA ENGINE PLANT	OH	05/14/80	OHIO EPA NWD	CHUCK HULL	(419)-352-8461
GAF CORP.	PA	01/02/79	EPA REGION III	VERNON BUTLER	(215)-597-2711
GAF CORP.	CA	05/01/79	EPA REGION IX	DON HARVEY	(415)-974-8223
GENERAL ELECTRIC CO.	AL	03/08/83	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570
GENERAL MOTORS	KS	04/13/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525
GM DELCO PRODUCTS DIV	OH	05/11/79	RAPCA - DAYTON, OH	JAMES GROSS	(513)-225-4435
GM HYDRA-MATIC	MI	06/15/79	MICHIGAN DNR	JOHN CAUDELL	(517)-322-1333
GM PROVING GROUND	MI	09/03/81	MICHIGAN DNR	JOHN CAUDELL	(517)-322-1333
GMC ASSEMBLY PLANT	MI	06/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333
GMC ASSEMBLY PLANT	MI	06/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333
GMC CADILLAC MOTORS CORP.	MI	06/10/81	WAYNE COUNTY APCD	AL SCHIANS	(313)-224-4693
GMC CADILLAC MOTORS CORP.	MI	06/10/81	WAYNE COUNTY APCD	AL SCHIANS	(313)-224-4693
GMC CHEVROLET MOTOR DIV.	MI	03/01/80	MICHIGAN DNR	JOHN VIAL	(517)-322-1333
HILTI INDUSTRIES, INC.	OK	08/08/79	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000
IBM	NY	05/12/82	EPA REGION II	PAUL KAHN	(212)-264-9578
IBM CORP.	CA	06/09/82	EPA REGION IX	DAVID SOLOMON	(415)-974-8240
IBM CORP.	KY	06/23/78	KENTUCKY DAPC	GEORGE DAY	(502)-564-3382
POOL CO.	TX	09/28/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711
PROCTOR & GAMBLE	NY	02/25/82	EPA REGION II	EDWARD NOWAK	(212)-264-8690
SOURCE TYPE -- INSTITUTIONAL/COMMERCIAL					
CHATTANOOGA-HAMILTON COUNTY HOSPITAL AU*	TN	03/15/82	CHATTANOOGA APCB	HARVEY RICE	(615)-867-4321
CHATTANOOGA-HAMILTON COUNTY HOSPITAL AU*	TN	03/15/82	CHATTANOOGA APCB	HARVEY RICE	(615)-867-4321
NORTHERN MICHIGAN UNIV.	MI	10/20/81	MICHIGAN DNR	JOHN CAUDELL	(517)-322-1333
RADFORD ARMY AMMUNITION PLANT	VA	03/27/80	EPA REGION III	VERNON BUTLER	(215)-597-2711
UNIVERSITY HOSPITAL	OH	11/13/81	SOUTHWEST OHIO, AP*	STANLY KOZEMBA	(513)-251-8777
UNIVERSITY OF CINCINNATI	OH	09/01/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054
UNIV. OF MICH., GEN HEATING PLANT	MI	06/01/81	MICHIGAN DNR	JOHN CAUDELL	(517)-322-1333
US AIRFORCE-MAJESTROM	MT		EPA REGION VIII	JOHN DALE	(303)-837-3763

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APPENDIX B

TABLE 2 CONTROL TECHNOLOGY DETERMINATIONS
BY TYPE OF SOURCE - SUMMARY
OF EMISSION LIMITATIONS

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS		
AL ELEC COOP INC	AL AL 071	1780.00MW	N LIGNITE BOILER	CO	470.00LB/H	B*
				NOX	2060.00T/YR	B*
				PM	2883.00LB/H	N*
				PM	12628.00T/YR	N*
				SO2	144.00LB/H	N*
				SO2	631.00T/YR	N*
				SO2	3803.00LB/H	N*
				SO2	16658.00T/YR	N*
ARIZONA PUBLIC SERVICE C* AZ AZP 78-01		350.00MW	N COAL FIRED BOILER	NOX	.70LB/MMBTU	N*
				PM	.05LB/MMBTU	
				SO2	.07LB/MMBTU	
ARKANSAS PWR & LT CO.	AR PSD-AR-48	800.00MW	N COAL-FIRED STEAM GEN	PM	.10LB/MMBTU	N*
		730.00MW	H BOILER, COAL FIRED (UNIT 3),*	NOX	.93LB/MMBTU	
ASSOC. ELECT. COOP., INC. MO				PM	.70LB/MMBTU	N*
				SO2	.10LB/MMBTU	B*
				SO2	1.20LB/MMBTU	B*
AUSTELL BOX BOARD CO.	GA 2631-033-7994-C	313.00MMBTU/H	N BOILER	CO	.70LB/MMBTU	N*
				PM	.10LB/MMBTU	N*
				SO2	1.20LB/MMBTU	N*
A.E. STALEY MFG. CO.	PA 81PA01	249.00MMBTU/H	M COAL BOILER	NOX	.70LB/MMBTU	
		500.00MW	N BOILER	PM	.10LB/MMBTU	
				SO2	.90LB/MMBTU	
BASIN ELECTRIC POWER COO* ND				NOX	2825.00LB/H	B*
				PM	.45LB/MMBTU	B*
				SO2	188.00LB/H	N*
				SO2	.03LB/MMBTU	N*
				SO2	2637.00LB/H	B*
				SO2	.60LB/MMBTU	B*
				SO2	30.00% OF POTENT. C*	

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SOURCE TYPE CODE 1.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL				REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW PROCESS ID#	DESCRIPTION	EMISSION LIMITATIONS	& BASIS	
BIG RIVERS ELECT. CORP.	KY C-80-41	880.00MW		BOILERS, 2 COAL HANDLING LIMESTONE HANDLING	NOX 9843.00T/YR PM 492.00T/YR SO2 19686.00T/YR		
BIG RIVERS ELECT.-D.B. W*	KY C-80-41	880.00MW	N	BOILER, COAL FIRED	NOX .60LB/MMBTU PM .03LB/MMBTU SO2 1.20LB/MMBTU	B*	
BOARD OF PUBLIC UTILITIES KS		246.00MW	N	BOILER, COAL FIRED, PULV.	NOX .70LB/MMBTU PM .10LB/MMBTU SO2 1.20LB/MMBTU	N*	
BURLINGTON IND.	NC (R)PSD-NC-032	122.00MMBTU/H	N	BOILER, COAL FIRED	PM .30LB/MMBTU	B*	
BURLINGTON IND.	NC (R)PSD-NC-034	122.00MMBTU/H	N	BOILER, COAL FIRED	PM .30LB/MMBTU SO2 1.40LB/MMBTU	B*	
CAJUN ELECT. POWER COOP.	LA (R)PSD-LA-106	6507.00MMBTU/H	N	BOILER, LIGNITE FIRED COAL HANDLING COAL PILES LINE/LIMESTONE HANDLING AND * PH	CO .09LB/MMBTU NOX .60LB/MMBTU PM .03LB/MMBTU SO2 1.08LB/MMBTU	N*	
CARGILL, INC.	SC	161.20MMBTU/H	N	BOILERS, #5 + #6	PM 29.00LB/H SO2 326.90LB/H	B*	
CELANESE, AMCELLE PLANT	MD 78MD08-R	110000.00LB/H STEAM	N	BOILER, COAL-FIRED	PM 9.24LB/H SO2 40.50T/YR	S*	
CENTRAL ILLINOIS LIGHT	IL 61 11 0076	600.00MW	N	BOILER, COAL-FIRED, 1, EA	NOX .60LB/MMBTU	N*	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
CENTRAL POWER & LIGHT	TX (R)PSD-TX-365	6781.00MMBTU/H	H	ACTIVE COAL PILE COAL CONVEYOR TO BOILER	PM	.03LB/MMBTU	H*
				COAL CONVEYOR TO TRANSFER HO* PM	PM	.78LB/MMBTU	N*
				COAL DUMPER,ROTARY	PM	5.78LB/H	B*
				COAL FIRED BOILER	PH	4.63LB/H	B*
				COAL FIRED BOILER	CO	13.44LB/D	B*
				COAL FIRED BOILER	PH	2.32LB/H	B*
				COAL FIRED BOILER	PH	6.72LB/D	B*
				COAL SAMPLE HOUSE	PM	29.76LB/H	B*
				COAL TRANSFER HOUSE	CO	149.80LB/D	B*
				CONVEYOR TO ACTIVE PILE	PM	.06LB/MMBTU	B*
				CONVEYOR TO SAMPLE HOUSE	PM	.50LB/MMBTU	N*
				FLYASH HANDLING	PM	.03LB/MMBTU	N*
				INACTIVE COAL PILE LIMESTONE CAR DUMP	PM	.39LB/MMBTU	H*
				LIMESTONE CONVEYOR TO BINS	PM	7.00LB/H	B*
				LIMESTONE CONVEYOR TO STORAGE PM	PM	34.30LB/D	B*
				LIMESTONE RECLAIM	PM	7.00LB/H	B*
				LIMESTONE SILOS	PM	2.25LB/H	B*
				LIMESTONE STORAGE PILE	PM	2.25LB/D	B*
				LIMESTONE TRANSFER HOUSE	PM	2.40LB/H	B*
					PM	11.75LB/D	B*
					PM	.28LB/H	B*
					PM	1.70LB/D	B*
					PM	2.50LB/H	B*
					PM	2.70LB/H	B*
					PM	24.29LB/WK	B*
					PM	.40LB/H	B*
					PM	3.60LB/WK	B*
					PM	.35LB/H	B*
					PM	3.12LB/WK	B*
					PM	19.90LB/H	B*
					PM	179.52LB/WK	B*
					PM	.35LB/H	B*
					PM	3.15LB/WK	B*
					PM	.05LB/H	B*
					PM	.19LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL				REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
CINCINNATI GAS & ELECTRIC* KY C-82-072		1200.00MW	M	UNIT #1	1.71LB/WK B*
				NO2 .70LB/MMBTU	
			PH	.10LB/MMBTU	
			PH	.1650.00T/YR	
			SO2 .84LB/MMBTU		
			SO2	.13860.00T/YR	
			NO2	.20790.00T/YR	
			PH	.10LB/MMBTU	
			PH	.2970.00T/YR	
			SO2	.1.201B/MMBTU	
				35640.00T/YR	
CITY OF WILKES-BARRE	PA 79PA23	92.50MMBTU/H	M	BOILER	PM 8.00LB/H SO2 199.00LB/H 1.50LB/MMBTU B*
				ASH SILO VENT	B*
				ASH UNLOAD	B*
				BOILER, 440 MW	B*
COLORADO UTE-CRAIG UNIT * CO		1320.00MW	M		PM 149.00T/YR PM 34.00T/YR NOX .50LB/MMBTU PM .03LB/MMBTU
					SO2 .20LB/MMBTU B*
				COAL PILE	B*
				CONV.	B*
				LIN TRANS./STORAGE	B*
				RR CAR	B*
				TRANS PTS.	B*
				PM 1.00T/YR	
				PM .001T/YR	
CURTIS-WRIGHT CORP.	NJ	137.00MMBTU/H	M	PFB BOILER	SO2 .30LB/MMBTU S*
DELMARVA POWER & LIGHT	ID 80HD01	550.00MW	M	BOILER	CO .04LB/MMBTU NOX .601B/MMBTU 65.00%EMISSION REDU* B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
DESERET GEN & TRANS, MOO* UT	800.00MW			BOILERS, COAL-FIRED, 2 EA	SO2 .60LB/MMBTU VE 70.00% EMISSION REDU* VOC .01LB/MMBTU PH .03LB/MMBTU	B*
EAST KENTUCKY POWER COOP. KY C-76-46	526.00MW	MOD.	H	BOILER, PULV., COAL FIRED, D*	NOX .55LB/MMBTU PH .03LB/MMBTU SO2 418.00LB/H	B*
EASTMAN KODAK CO., KODAK* NY C262800 025 00*	670.00MMBTU/H		N	ASH HANDLING BOILER, COAL FIRED	PM .02LB/H BE .00LB/H CO .05LB/MMBTU NOX .70LB/MMBTU PH .04LB/MMBTU	B*
E. KENTUCKY POWER CORP. KY C-80-67	600.00MW, 2 EA		N	BOILER, COAL FIRED	SO2 1.20LB/MMBTU PM .02LB/H PH 1.10LB/H PH .75LB/H	B*
					NOX .60LB/MMBTU	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL
 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS		
					NOX	PM	SO2
E. I. DUPONT	NC NC-067	245.00MMBTU/H C*		BOILER	.60LB/MMBTU .03LB/MMBTU .03LB/MMBTU 1.20LB/MMBTU 1.20LB/MMBTU	B* B* B* B* B*	
E. I. DUPONT	SC (R)SC-034	97.00MMBTU/H EA	N	BOILERS, COAL, #1 + #2	NOX .70LB/MMBTU PM .10LB/MMBTU SO2 24.50LB/H	B* B* B*	
FLORIDA POWER CORP.	FL AC52-36102	1220.00BTU/H	H	FLY ASH HANDLING UNITS	NOX .70LB/MMBTU PM .09LB/MMBTU SO2 1.70LB/MMBTU	B* B* B*	
GRAND HAVEN BOARD OF LT * MI 541-79		58.00MW	N	COAL-FIRED BOILER	NOX .60LB/MMBTU 30 D *		
GRAND RIVER DAM AUTHORITY OK PSD-OK-51		490.00MW	N	COAL FIRED GEN STATION	PM .84LB/MMBTU 30 D * SO2 .80LB/MMBTU 24 H *		
GREENWOOD MILLS, INC.	SC SC035	88.40MMBTU/H	H	COAL BOILER	PM .10LB/MMBTU SO2 513.10LB/H 6157.20LB/H		
GRIFFISS AIR FORCE BASE	NY 301300047600029*	113.00MMBTU/H	N	ASH HANDLING ASH SILO COAL BUNKER COAL CONVEYOR COAL FIRED BOILERS, 4	NOX .55LB/MMBTU PM .04LB/MMBTU SO2 1.41LB/MMBTU	B* B* B*	
					PM .05GR/DSCF PM .05GR/DSCF PM .05GR/DSCF PM .05GR/DSCF NOX .62LB/MMBTU PM .05LB/MMBTU	S* S* S* S* B*	

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
GRIFFISS AIR FORCE BASE (CONTINUED)						
				COAL HANDLING	SO2 .71LB/MMBTU	
				COAL SILO	PM .05GR/DSCF	\$*
				LIME BIN	PM .05GR/DSCF	\$**
				LIME BLOWER	PH .05GR/DSCF	\$*
				LIME SILO	PH .05GR/DSCF	\$*
				RECOVERY BIN	PH .05GR/DSCF	\$*
HOLYOKE WATER POWER CO., * MA APPR. LTR 10-2*				H COAL COMBUSTION	PM .08LB/MMBTU	R*
					S 1.21LB/MMBTU	MONT*
					1.60LB/MMBTU	DAILY*
						R**
HOUSTON LIGHTING & POWER TX PSD-TX-33		550.00MW	N	COAL FIRED STEAM ELECT. GEN	PM .10LB/MMBTU	
					SO2 1.20LB/MMBTU	
					573.00LB/H	
HOUSTON LIGHTING & POWER TX PSD-TX-234		550.00MW	N	ACTIVE LIMESTONE PILE COAL FIRED BOILER	PM .10LB/H	
				CO	.06LB/MMBTU	
				NOX	.50LB/MMBTU	
				PM	.03LB/MMBTU	
				SO2	.36LB/MMBTU	
				FLY ASH MIX TANK	PM .70LB/H	
				INACTIVE LIMESTONE PILE	.10LB/H	
				LIMESTONE CONVEYERS & TRANSF*	.50LB/H	
				LIMESTONE CRUSHER	.10LB/H	
				LIMESTONE FEED SILO	.10LB/H	
				LIMESTONE UNLOAD	.10LB/H	
IA SOUTHERN UTILITIES (C* IA		727.00MW	N	BOILER, STEAM GEN, COAL FIRED PM	.10LB/MMBTU	
				SO2 1.20LB/MMBTU		
IDAH0 NAT ENGINEERING LA* ID (R)PSD-X81-11		165.00MMBTU/H	N	BOILERS, 2	NOX .50LB/MMBTU	
					PM .05GR/DSCF	
					SO2 .27.C0L.D1;	
					PM .01GR/ACF	
FUGITIVE EMISSIONS						

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SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL						REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
INDIANA STATEWIDE RURAL * IN EPA-5-77-A-7		980.00MW	N	BOILER, COAL FIRED, 2 EA	PM SO2	.10LB/MMBTU 1.20LB/MMBTU	N*
INDIANA & MICHIGAN ELEC.* IN EPA-5-78-A-1		2600.00MW	N	BOILER, COAL FIRED, 2 EA	PM SO2	.10LB/MMBTU 1.20LB/MMBTU	N*
INDIANAPOLIS POWER & LIG* IN EPA-5-A-80-8		1950.00MW	N	BOILER, COAL FIRED, 3 EA	NOX PM SO2	.60LB/MMBTU .03LB/MMBTU .55LB/MMBTU	N*
INTERMOUNTAIN PWR PROJECT UT		3000.00MW	N	ASH UNLOAD COAL CONV	PM VE PM VE	64.00LB/H 20.00% OPACITY 17.00LB/H 20.00% OPACITY	B*
				COAL CRUSHING	PM VE	1.00LB/H 20.00% OPACITY	B*
				COAL STORAGE	PM VE	27.00LB/H 20.00% OPACITY	B*
				COAL UNLOAD	PM VE	2.00LB/H 20.00% OPACITY	B*
				CONV/TRANSFER	PM VE	4.00LB/H 20.00% OPACITY	B*
				HAUL ROADS LIME STORAGE	PM VE	1.00LB/H 20.00% OPACITY	B*
				4 BOILERS	CO NOX PM SO2 VE VOC	1248.00LB/H .55LB/MMBTU .02LB/MMBTU .15LB/MMBTU 20.00% OPACITY 375.00LB/H	B*
IOWA ELECTRIC LIGHT & PO* IA		650.00MW	N	MATERIAL HANDLING STEAM GENERATING COAL-FIRED *	PM VE NOX PM	.01GR/DSCF 20.00% OPACITY .50LB/MMBTU 30 D * .03LB/MMBTU	B*

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SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL						REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION			EMISSION LIMITATIONS	& BASIS
IOWA-ILLINOIS GAS & ELEC* IA		600.00MW	N BOILER			SO2 .60LB/MMBTU NOX .60LB/MMBTU PM .03LB/MMBTU SO2 .86LB/MMBTU 1.05LB/MMBTU	B* B* B* B* B*
JACKSONVILLE ELECT. AUTH* FL (R)PSD-FI-010		600.00MW	N STEAM GEN. UNIT			NOX .60LB/MMBTU PM .03LB/MMBTU SO2 .76LB/MMBTU	N* N* B*
KANSAS CITY POWER & LIGHT MO		630.00MW	N BOILER, COAL FIRED, PULV.			NOX .70LB/MMBTU PM .10LB/MMBTU SO2 1.20LB/MMBTU	B* B* B*
KANSAS POWER & LIGHT CO. KS		2880.00MW (TOTAL*)	M COAL FIRED BOILERS, UNITS 3 *			NOX .70LB/MMBTU PM .10LB/MMBTU SO2 1.20LB/MMBTU	N* B* B*
KENTUCKY POWER - CARR'S * KY C-80-42		1300.00MW	N POWER BOILER			NOX .60LB/MMBTU PM .03LB/MMBTU SO2 .60LB/MMBTU	B* B* B*
KENTUCKY UTILITIES - HAN* KY C-82-123		1300.00MW	N UNIT #1			CO 1397.00T/YR NO2 .60LB/MMBTU PM 17476.00T/YR	
			UNIT #2			SO2 1.20LB/MMBTU CO 1397.00T/YR NO2 .60LB/MMBTU PM 17476.00T/YR	
						SO2 .60LB/MMBTU PM 874.00T/YR SO2 1.20LB/MMBTU	

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SOURCE TYPE CODE 1.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL							REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW / MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS			
LITHIUM CORP.	NC (R)NC-075	253.90MMBTU/H	N	BOILER	CO NOX PM	1.00LB/T COAL .07LB/MMBTU .11LB/MMBTU	B*	
LOUISVILLE GAS & ELECT. *	KY C-78-34			INDIRECT HEAT EXCHANGER	SO2	114.80T/YR 2.27LB/MMBTU	B*	
LOUISVILLE GAS & ELECT. *	KY C-79-53			N INDIRECT HEAT EXCHANGER	NOX PM SO2	.70LB/MMBTU .10LB/MMBTU 1.20LB/MMBTU		15768.00T/YR
L.D.S. CHURCH WELFARE SQ* UT		18000.00LB/H STEA*	N	COAL FIRED BOILER	NOX PM SO2	6924.00T/YR .10LB/MMBTU 1.20LB/MMBTU		
MARQUETTE BOARD OF LT & * MI 65-80		517.60MMBTU/H	N	BOILER, COAL-FIRED	VE	6924.00T/YR .10LB/MMBTU 1.20LB/MMBTU	20.00% OPACITY	
MIAMI PAPER CORP.	OH 0857190134 B00*	94.60MMBTU/H	N	STOKER BOILER, 2	NOX PM SO2	.50LB/MMBTU .03LB/MMBTU .40LB/MMBTU		
MICHIGAN SOUTH CENTRAL P* MI 607-78		500000.00LB/H	N	COAL-FIRED BOILER	NOX PM	.15LB/MMBTU 1.60LB/MMBTU		

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MINNESOTA POWER & LIGHT * MN EPA-5-77-A-6		500.00MW	N BOILER, COAL FIRED	PM .10LB/MMBTU SO2 1.20LB/MMBTU
MONSANTO CO.	IA	150.00MMBTU/H	H ASH HANDLING BOILER B-6 SPREADER-STOKER	PM .01GR/SCF VE 20.00% OPACITY NOX .60LB/MMBTU 30 D *
			COAL HANDLING	PM .03LB/MMBTU SO2 1.95LB/MMBTU 3HR R* VE 20.00%, 6 MIN AVG. PH .01GR/SCF VE 20.00% OPACITY
MORGANTOWN ENERGY RESEARCH WV 78WV08		98.30MMBTU/H	N COAL/LIMESTONE CONVEYORS COAL/LIMESTONE DRYER COAL/LIMESTONE DRYER COAL/LIMESTONE DRYER COAL/LIMESTONE UNLOAD FLUIDIZED BED BOILER	NOX 34.00LB/H PH 5.40LB/H SO2 86.00LB/H
MUSCATINE POWER & WATER IA		166.00MW (GROSS)	H ASH HANDLING BOILER, UNIT #9, COAL/OIL/GAS	PM .02GR/SCF NOX .60LB/MMBTU PH .03LB/MMBTU SO2 .45LB/MMBTU 30D R* COAL HANDLING PM .56LB/MMBTU MAX D* NOX .01GR/SCF L*
NE PUBLIC POWER DIST./GE* NE		650.00MW	N BOILER, STEAM GEN, COAL FIRED	PM .10LB/MMBTU SO2 1.20LB/MMBTU
NEBRASKA PUBLIC POWER DIST. NE		650.00MW	BOILER	CO 50.00PPM NO2 .50LB/MMBTU 30 D * PM .03LB/MMBTU SO2 70.00% REMOVAL COAL HANDLING PM .38LB/MMBTU-30 D *
				VE 20.00% OPACITY

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
NEVADA POWER CO.	NV NV-77-01	560.00MM EA	N	ACTIVE COAL STORAGE SILOS ASH HANDLING, STOR. & DISPOSAL BOILERS, 4 EA	CO 320.00LB/H 50.00PBM AT 20% EXC* B*
					FL* 9.00LB/H H2* 13.00LB/H NOX 2498.00LB/H B* .44LB/MMBTU
					PM .02LB/MMBTU B* 10.00% OPACITY SO2 566.00LB/H B* .10LB/MMBTU
				COAL DEWATERING PLANT	CO 26.00LB/H 50.00PBM FL* 1.00LB/H 2.00LB/H
					H2* 1.00LB/H 2.00LB/H NOX 204.00LB/H B* .44LB/MMBTU
					SO2 46.00LB/H B* .11LB/MMBTU PM 11.40T/YR
				COAL FIRED BOILERS, 4 FUEL OIL STORAGE INACTIVE COAL STORAGE PILE LINE CONVEYING, TRANSFER, ST* PLANT ACCESS & HAUL ROADS	
NEW ENGLAND POWER CO., B* MA APPR. LTR 10-0*	1080.00MM	M	COAL COMBUSTION	PM .06LB/MMBTU S 1.21LB/MMBTU MONTH* R* 2.31LB/MMBTU DAILY* R*	
NORFOLK & WESTERN RAILWAY VA 79VA14	82.60MMBTU/H	M	BOILER, COAL-FIRED	PM .23LB/MMBTU B*	

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION		EMISSION LIMITATIONS	& BASIS
NORTHERN INDIANA PUBLIC * IN EPA-5-A-80-18	7934.00MMBTU/H	N BOILERS, COAL-FIRED, 2 EA		\$02	.56.50LB/H 2.11LB/MMBTU 523.10LB/H	B* B* B*
NORTHERN STATE POWER CO.* IN EPA-5-77-A-2	1600.00MW	FUGITIVE EMISSIONS, CONVEYORS FUGITIVE EMISSIONS, CRUSHER *FUGITIVE EMISSIONS, FLYASH &*		SO2	.60LB/MMBTU .03LB/MMBTU .62LB/MMBTU	
NY STATE ELECT. & GAS - * NY	635.00MW	N AUXILIARY BOILERS, 2 COAL HANDLING FLYASH HANDLING LIMESTONE HANDLING		PM SO2	.10LB/MMBTU 1.20LB/MMBTU	N* N*
OKLAHOMA GAS & ELECT. CO. OK PSD-OK-57	550.00MW	MAIN BOILER		NOX PM SO2	.60LB/MMBTU .03LB/MMBTU .70LB/MMBTU .60LB/MMBTU	B* B* B* B*
OKLAHOMA GAS & ELECT. CO. OK (R)PSD-OK-218	550.00MW	M COAL FIRED BOILER		PM SO2	.10LB/MMBTU 212.00LB/H 1.20LB/MMBTU 6180.00LB/H	
		M BIN TOWERS, COAL SURGE, 2 EA COAL CRUSHER TOWER COAL SILOS, 2 EA COAL STORAGE PILES GEN. UNITS, COAL-FIRED, 2 EA		PM PM PM CO NOX PM SO2	3.90LB/H 3.40LB/H 3.70LB/H 5.80LB/ACRE .06LB/MMBTU .50LB/MMBTU .03LB/MMBTU .46LB/MMBTU	B* B* B* B* B* N* N* N*

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS	
PENNSYLVANIA ELECT. CO.	PA 78PA13	625.00H ^W ONE	N	COAL AND ASH HANDLING UTILITY BOILER, COAL FIRED	CO NOX PM SO ₂	.04LB/MMBTU .60LB/MMBTU .03LB/MMBTU .63LB/MMBTU	H*	
PLAINS ELECT. GEN & TRANS NM (R)PSD-NM-82		2471.00MMBTU/H ^W	N	COAL HANDLING FUGITIVES LIMESTONE HANDLING STEAM GENERATOR, COAL-FIRED	CO FL* NOX PM SO ₂	.06LB/MMBTU .00LB/MMBTU .45LB/MMBTU .03LB/MMBTU .20LB/MMBTU	B*	
PLATTE RIVER PKR-RAWHIDE CO		250.00H ^W	N	BOILER	NOX PM SO ₂	.50LB/MMBTU .03LB/MMBTU .13LB/MMBTU	B*	
SAGINAW STEERING GEAR AL AL 064		121.40MMBTU/H ^W	H	BOILER, COAL FIRED	PM SO ₂	.40LB/H 1.05LB/H .04LB/H .01LB/H	B*	
SALT RIVER PROJECT CORON* AZ (R)AZP76-1		350.00H ^W	H	STEAM GEN. UNIT	NOX PM SO ₂	.70LB/MMBTU .08LB/MMBTU .80LB/MMBTU	N*	
SANDOW STEAM ELECT. STAT* TX PSD-TX-28		810.00H ^W	H	BOILER, LIGHTER FIRED	PM SO ₂	.10LB/MMBTU 1.20LB/MMBTU		

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS		
SIERRA PACIFIC POWER CO.	NV (R)NV 77-02	530.50MW	N BOILERS, COAL FIRED, 2	NOX PM SO2	.70LB/MMBTU .10LB/MMBTU 1.20LB/MMBTU	B*
SIKESTON BOARD OF MUNICI* MO		235.00MW	N BOILER, STEAM GEN, COAL FIRED	PM SO2	.10LB/MMBTU 1.20LB/MMBTU	B*
SOUTHWESTERN PUBLIC SERV* TX (R)PSD-TX-50		567.00MW, 2 EA	N STEAM TURBINE, COAL-FIRED	PM SO2	.10LB/MMBTU 508.80LB/H 1.20LB/MMBTU	
SOYLAND POWER COOP.	IL 82 02 0030		N BOILER	NOX PM SO2	.60LB/MMBTU .03LB/MMBTU 90.00% REMOVAL 1.20LB/MMBTU 90.00% REMOVAL	N* N* N* N* N*
MISC. FUGITIVE SOURCES						
SUNFLOWER ELECT. COOP., * KS		348.00MW (GROSS)	N BOILER, COAL-FIRED	CO NOX PM SO2	.06LB/MMBTU .60LB/MMBTU .03LB/MMBTU .48LB/MMBTU	B* B* B* B*
SW ELECT. POWER	LA (R)PSD-LA-117	720.00MW EA	M BOILER, COAL FIRED BOILER, COAL FIRED BOILER, COAL FIRED BOILER, COAL FIRED BOILER, COAL FIRED BOILER, COAL FIRED BOILER, COAL FIRED COAL HANDLING	CO CO NOX NOX PM PM SO2	.80LB/MMBTU .80LB/MMBTU .60LB/MMBTU .60LB/MMBTU .10LB/MMBTU .03LB/MMBTU 1.20LB/MMBTU .60LB/MMBTU	B* B* N* N* B* B* N* N*
SW ELECT. POWER	TX PSD-TX-64	720.00MW	M COAL FIRED STEAM GEN	PM SO2	.10LB/MMBTU 1.20LB/MMBTU	

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS	
SW ELECT. POWER	TX (R)PSD-TX-130	1440.00MW	N	BOILERS, 2 EA		CO .10LB/MMBTU NOX .60LB/MMBTU PM .03LB/MMBTU SO2 .90LB/MMBTU FM 2.40LB/H PM 2.40LB/H PH 2.40LB/H	B* H* H* B*	
				COAL STORAGE				
				COAL TRANSFER				
				COAL UNLOAD				
				LIMESTONE STORAGE				
				LIMESTONE TRANSFER				
				LIMESTONE UNLOAD				
						PM .20LB/H PH .60LB/H PM .20LB/H		
SW ELECT. POWER	TX	720.00MW, 2 EA	N	BOILER, COAL FIRED UNIT #1	CO	.13LB/MMBTU NOX 892.00LB/H PM 4068.00LB/H SO2 203.00LB/H		
					NOX .60LB/MMBTU PM .03LB/MMBTU SO2 .72LB/MMBTU			
				BOILER, COAL FIRED UNIT #2	CO	.13LB/MMBTU NOX 892.00LB/H PM 4068.00LB/H SO2 203.00LB/H		
					NOX .60LB/MMBTU PM .03LB/MMBTU SO2 .72LB/MMBTU			
						4882.00LB/H		
\$C. PUBLIC SERVICE AUTH* SC P/C-08-190		500.00MW		#3 GENERATOR	CO	.04LB/MMBTU NOX .60LB/MMBTU PM .03LB/MMBTU SO2 .41LB/MMBTU	B* B* H* B*	
TACOMA CITY LIGHT	WA (R)PSD-X-82-06	1600.00MMBTU/H	N	BOILER	NOX	.50LB/MMBTU		
						786.00LB/H		

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS	
TACOMA CITY LIGHT (CONTINUED)								
TAMPA ELECT. CO.	FL (R)PSD-FL-040	425.00MW	M	POWER GEN. UNIT	CO NOX SO2	.01LB/MMBTU .23LB/MMBTU 367.00LB/H	B*	
TUCSON ELECT. POWER CO. * AZ AZP 79-01		350.00MW	M	COAL FIRED GEN. UNITS	CO NOX PM SOX	.61.00LB/H .60LB/MMBTU .03LB/MMBTU 130.00LB/H	B*	
TUCSON ELECT. POWER CO. * AZ (R)AZ77-01		700.00MW	N	BOTTOM ASH COAL FIRED GEN. UNITS, 2	CO NOX PM SOX	.44LB/MMBTU .03LB/MMBTU .22LB/MMBTU 817.00LB/H	N*	
TVA - AFBC PILOT PLANT - KY C-80-18		200.00MMBTU/H	N	FLUIDIZE BED BOILER	CO NOX PM SO2	.70LB/MMBTU .03LB/MMBTU .69LB/MMBTU	N*	
TVA - PARADISE - DRAKESB* KY C-79-47		230.00MW	M	COAL CRUSHING PLANT COAL WASHING PLANT	CO NOX PM	.10LB/MMBTU 1.20LB/MMBTU	B*	
UTAH PUR & LT CO-HUNTER * UT		16'0.00MW	M	ACTIVE STORAGE ASH SILO UNLD	CO NOX PM VE	.325-.20T/YR ALLOWABLE 136.50T/YR ACTUAL 2.00LB/H 20.00% OPACITY	L*	
					CO NOX PM SO2	.1.20LB/MMBTU	B*	

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS & BASIS			
			ASH SILO VENTS	PM	49.00LB/H	B*	
			BOILERS(3&4)	VE	20.00% OPACITY	B*	
				NOX	.55LB/MMBTU	B*	
				PM	.03LB/MMBTU	B*	
				SO2	.12LB/MMBTU	B*	
				VE	20.00% OPACITY	B*	
			CONV	PM	5.00LB/H	B*	
			HAUL ROADS	VE	20.00% OPACITY	B*	
			INACT STORAGE	PM	2.70LB/H	B*	
				PM	40.00LB/H	B*	
			LIME T/S	VE	20.00% OPACITY	B*	
			SLUDGE MIX(LASH)	VE	20.00% OPACITY	B*	
			TRANS	PM	1.00LB/H	B*	
				VE	20.00% OPACITY	B*	
			TRUCK UNLD	PM	.10LB/H	B*	
				VE	20.00% OPACITY	B*	
			N BOILER	CO	1.00T/YR		
				NO2	6.00T/YR		
			70400.00T/YR	PM	2.00LB/H		
					10.00T/YR		
				SO2	3.00T/YR		
				VOC	1.00T/YR		
				PM	.60LB/H		
			COAL DRYING		2.10T/YR		
			COAL HYD. REACTOR	SO2	90.00T/YR		
			COAL RECLAIM	PM	5.20LB/H		
			COAL STORAGE	PM	4.00T/YR		
			COAL UNLOADING	PM	1.00T/YR		
					9.00LB/H		
			CRUSHED COAL BIN		3.75T/YR		
			DEASHING UNIT HTRS, #501 & 5*	PM	4.00T/YR		
					1.00T/YR		
				NO2	6.00T/YR		
				PM	.40LB/H		
					1.75T/YR		

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COMPANY NAME	STATE & PERMIT	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
U.S. DOE, 4 - COAL PILOT* (CONTINUED)					
			DIST. FUEL TANKS	SO2 9.00T/YR	
			FILTRATE HEATERS	VOC 1.00T/YR	
				NO2 1.00T/YR	
				PM 1.00LB/H	
				5.00T/YR	
			FLAKER	VOC 2.00T/YR	
				PM .21LB/H	
				.94T/YR	
			FLARE	PM 1.00T/YR	
				SO2 1.00T/YR	
			HYDROGEN HEATER	CO 3.00T/YR	
				NO2 2.00T/YR	
				PM .80LB/H	
				3.50T/YR	
			REACTOR HEATER #201C	SO2 1.00T/YR	
				VOC 1.00T/YR	
			NAPHTHA TANKS, 3	VOC 1.00T/YR	
			OIL MIST ELIMINATOR	PH 8.15LB/H	
				35.70T/YR	
			REACTOR HEATER #201C	CO 2.00T/YR	
				NO2 9.00T/YR	
				PM 1.00LB/H	
				5.00T/YR	
				SO2 1.00T/YR	
			REACTOR HEATERS, 201A & B, T* PM	VOC 1.00T/YR	
				PM 1.00LB/H	
			RESID. OIL TANKS	5.00T/YR	
			THERMOLIQUID HEATER	VOC 1.00T/YR	
				CO 2.00T/YR	
				NO2 8.00T/YR	
				PM .60LB/H	
				2.63T/YR	
				SO2 12.00T/YR	
				VOC 1.00T/YR	

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
WASHINGTON WATER POWER C* WA (R)PSD-X-83-01		2080.00MW		N BOTTOM ASH DISPOSAL CGS BOILER	BE .02LB/H ANNUAL AV CO 332.00LB/H FL* 1.15LB/H ANNUAL AV HG .03LB/H ANNUAL AV NOX .50LB/MMBTU SB, C* .60LB/MMBTU, BIT.* PB .27LB/H ANNUAL AV PM .03LB/MMBTU SO2 .22LB/MMBTU 30D R* SU* 1140.00LB/H, 24 H ROL* VE 80.90LB/H ANNUAL AV VOC 20.00% OPACITY 3.32LB/H
				COAL CONVEYOR DISCHARGE	VE 20.00% OPACITY
				COAL CONVEYOR TRIPPERS	PM .01GR/DSCF
				COAL SILOS	VE 5.00% OPACITY
				COAL SUPPLY SYSTEM	PM .01GR/DSCF VE 5.00% OPACITY
				CONVEYORS	PM .01GR/DSCF VE 5.00% OPACITY
				DEAD STORAGE	PM 20.00GR/DSCF VE 95.00% OPACITY
				FLY ASH HANDLING & SILOS	PM .01GR/DSCF VE 5.00% OPACITY
				LIMESTONE SILOS	PM .01GR/DSCF VE 5.00% OPACITY
				ROAD DUST ROTARY CAR DUMPER (COAL)	PM .01GR/DSCF VE 5.00% OPACITY
				ROTARY CAR DUMPER (LIMESTONE)	PM .01GR/DSCF VE 5.00% OPACITY
				TRANSFER HOUSES	PM .01GR/DSCF VE 5.00% OPACITY

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS	
WEST TEXAS UTILITIES CO. TX 9015		640.00MM (NET)	N	COAL & LIMESTONE STORAGE/HAN*	PM VE	.016P/DSCF 5.00% OPACITY
WISCONSIN ELEC. POWER CO* WI EPA-5-76-A-1		1160.00MM	N	BOILER, COAL FIRED, 2 EA	NOX PM SO2	.50LB/MMBTU .03LB/MMBTU .50LB/MMBTU
WISCONSIN POWER & LIGHT * WI EPA-5-77-A-3		400.00MM	N	BOILER, COAL FIRED	PM SO2	.10LB/MMBTU .80LB/MMBTU, OIL
WISCONSIN PUBLIC SERVICE* WI EPA-5-77-A-4		321.00MM	N	BOILER, COAL FIRED	PM SO2	.10LB/MMBTU 1.20LB/MMBTU

SOURCE TYPE CODE -- 1.2 EXTERNAL COMBUSTION - OIL

AMIEUSER-BUSCH, INC.	VA 79VA15	98.00MMBTU/H	N	BOILER	SO2	1.07LB/MMBTU
A.I. DUPONT INSTITUTE	DE (R)179-DE-01	37.50MMBTU/H	M	BOILERS (3)	CO NOX PM SO2 VOC	2.50LB/H 30.00LE/H .58LB/H 66.70LB/H .50LB/H
CRASTON PRINT WORKS	NC NC-030	243.00MMBTU/H	N	BOILER	NOX PM SO2	.70LB/MMBTU .10LB/MMBTU 1.20LB/MMBTU

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SOURCE TYPE CODE 1.2

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.2 EXTERNAL COMBUSTION - OIL				REPORT DATE 04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ PROCESS MOD	DESCRIPTION	EMISSION LIMITATIONS	& BASIS
FIRESTONE TIRE CO.	GA GA 067	96.40MMBTU/H	M	BOILER, OIL FUEL	PM .16LB/MMBTU	B*
HOOKER CHEMICAL & PLASTIC* MD	78MD07	81.90MMBTU/H	H	OIL FIRED BOILER	SO2 355.10LB/H	B*
HOUSTON LIGHTING & POWER TX	(R)PSD-TX-209	185.00MMBTU/H	EA	N BOILER, 2 EA	NOX .30LB/MMBTU	B*
					PM 55.00LB/H	B*
					PM .10LB/MMBTU	B*
					18.35LB/H	B*
					SO2 .50LB/MMBTU	B*
					PM 92.10LB/H	B*
ILLINOIS POWER CO.	IL EPA-5-A-79-22	N	TURBINE, OIL FIRED COMBUSTION	NOX 75.00PPM		
ILLINOIS POWER CO.	IL EPA-5-A-79-21	N	TURBINE, OIL FIRED COMBUSTION	NOX 75.00PPM		
NORTHERN INDIANA PUBLIC *	IN EPA-5-79-A-25	N	GENERATOR, OIL FIRED, 2	NOX 75.00PPM		

SOURCE TYPE CODE -- 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
CONSUMERS POWER CO.	MI 99-81	175.00MLB/H	N	BOILERS, NAT. GAS, 3 EA	NOX .20LB/MMBTU	
SOUTHERN NAT. GAS	MS (R)PSD-MS-036	2000.00HP	H	ENGINE, NAT. GAS	CO 10.50LB/H	H*
					46.20T/YR	N*
					37.40LB/H	H*
					163.90T/YR	N*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.4 EXTERNAL COMBUSTION - WOOD WASTE						REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ 100 MBTU/H	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS		
CAROLINA FOREST INDUSTRI* SC (R)PSD-SC-039		170.00MBTU/H	N BOILERS, COAL FIRED, 2	CO 25.60LB/H NOX 111.80T/YR PM 435.40LB/H 1901.80T/YR	B*	B*	B*
					PM 62.20LB/H 271.80T/YR	B*	B*
					SO2 746.40LB/H 3260.40T/YR	B*	B*
					NOX 1.19LB/MMBTU PM 205.00LB/H 43.00LB/H	B*	B*
					NOX .25LB/MMBTU	B*	B*
CO-GEN	ID	N	N BOILER, WOOD FIRED	CO 5.90LB/H NOX 19.00LB/H PM 3.95LB/H	B*	B*	B*
CO-GEN., INC.	ID (R)PSD-X81-16	6.00MBTU/H	N BOILER	CO .22LB/MMBTU NOX 117.60T/YR PM .17LB/MMBTU 88.20T/YR	B*	B*	B*
				PM .03LB/MMBTU VOC 16.60T/YR 117.60T/YR	B*	B*	B*
EVERGREEN FOREST PRODUCTS ID		88.00MBTU/H	N BOILER, WOOD FIRED	CO 17.56LB/H SEE NOTE NOX 17.56LB/H SEE NOTE PM 21.22LB/H			
GOLD KIST INC., GOLD KIS* GA 2075-092-8068-C		75.00MBTU/H	N WELLON TYPE A BOILER	NOX .70LB/MMBTU PM .10LB/MMBTU	N*	N*	N*
HUDSON LUMBER CO.	CA 81-PO-17	150.00MBTU/H	N BOILER	CO 2.00LB/T FUEL NOX 30.00LB/H, 8 H AVG PM .04GR/DSCF			

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.4 EXTERNAL COMBUSTION - WOOD WASTE						REPORT DATE 04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS & BASIS		
HONEYEL GENERATING STATION VT		50.00MM	N	WOOD FIRED FURNACE	PM	.01LB/MMBTU		
PANORAMA ENERGYCORP, INC.	WA (R)PSD-X81-15	37.00MW	N	BOILER	CO NOX PM VOC	.01GR/DSCF AT 12%*	B*	B*
ULTRASYSTEMS INC.	CA 82-PO-32	145.00MMBTU/H	N	BOILER	CO NOX PM SOX VOC	.17LB/MMBTU .01GR/DSCF 12% CO2 36.50LB/H		
WATSON ENERGY SYS, INC.	CA (R)LA 77-02	1440.00T/D WOOD *	N	STEAM GEN. UNITS, 4, WASTE/F*	NOX PM SO2	126.00T/YR 139.00T/YR .04GR/DSCF 21.00T/YR 55.00T/YR	L*	L*
WESTERN KRAFT	KY KY-146	450.00MMBTU/H	N	BOILER, WOODWASTE	NOX PM SO2	.40LB/MMBTU .04LB/MMBTU .32LB/MMBTU	B*	B*

SOURCE TYPE CODE -- 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS

AMES MUNICIPAL POWER PLAT* IA	65.00MW	M	BOILER, UNIT #8, STEAM GEN.	NOX PM SO2	.70LB/MMBTU .10LB/MMBTU 1.20LB/MMBTU	B* B* B*	
CITY OF COLUMBUS	OH EPA-5-A-80-3	90.00MM	N	BOILER, REFUSE/COAL FIRED, 6* NOX	NOX PM SO2	.50LB/MMBTU .70LB/MMBTU, COAL*	

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SOURCE TYPE CODE 1.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
DEGUSSA CHEM CORP.	AL AL 072	205.68MMBTU/H	H	HEAT BOILER, FUEL OIL, NATUR*	NOX .40LB/MMBTU PM .10LB/MMBTU SO2 1.20LB/MMBTU	B*
FERRO CHEMICAL DIV OF FE* OH 13-956			N	BOILER	PM .17LB/H .05LB/MMBTU	B*
FLORIDA POWER & LIGHT	FL FL-047	3600.00MMBTU/H	H	COAL PULVERIZERS	PM 7.70LB/H 11.09T/YR	N*
GILMAN PAPER CO.	GA GA-071	691.00MMBTU/H	H	BOILER, COAL/WOODWASTE	PM .10LB/MMBTU SO2 1.20LB/MMBTU	B*
GULF STATES UTILITY	LA (R)PSD-LA-305	4457.00MMBTU/H	H	BOILER	CO .01LB/MMBTU COAL *	B*
					NOX .03LB/MMBTU OIL *	B*
					PM .19LB/MMBTU COAL *	B*
					.30LB/MMBTU OIL	B*
					PM .03LB/MMBTU COAL *	B*
					.01LB/MMBTU OIL	B*
					.62LB/MMBTU COAL *	B*
					.66LB/MMBTU OIL	B*
					PM .08LB/H	B*
					CO .69LB/T	B*
					PM .01LB/T	B*
					NOX .03LB/T	B*
					PM .01LB/T	B*
					NOX .03LB/T	B*
					PM .03LB/T	B*
					PM .01LB/T	B*
					SO2 .10LB/T	B*
					PM .19LB/T	B*
					PM .14LB/H	B*
					PM .08LB/H	B*
					CO .13LB/MMBTU OIL	B*
					PM .09LB/MMBTU GAS	B*
					CO .09LB/MMBTU NOX	B*
					PM .27LB/MMBTU OIL	N*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS				REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW / MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
HARNEY ELECT.	OR (R)PSD-X81-12	442.00MBTU/H	N	BOILERS, 2	NOX .27LB/MMBTU GAS PM .25LB/MMBTU N* TURBINE .21LB/MMBTU OIL B* SO2 .001LB/MMBTU GAS B* CO .001LB/MMBTU B* NOX .68LB/MMBTU OIL B* PM .001LB/MMBTU GAS B* TURBINE .21LB/MMBTU B*
HOOKER ENERGY CORP.	NY NOHE	2360.00T/D	N	RDF/COAL FIRED BOILERS	NOX .50LB/MMBTU B* PM .18LB/MMBTU E* TURBINE .70LB/MMBTU COAL SO2 .30LB/MMBTU OIL CO .10LB/MMBTU COAL NOX .10LB/MMBTU OIL PM .07LB/MMBTU OIL SO2 .03SR/DSCF REFUSE VE 1.20LB/MMBTU COAL PM .80LB/MMBTU OIL NOX 20.00% OPACITY COAL B* PM 20.00% OPACITY OIL B* SO2 2.51LB/MMBTU OIL B* CO 20.00% OPACITY REFU* B* VE 20.00% OPACITY B*
PHILIP MORRIS	VA 80VA06	237.00MBTU/H	N	BOILER, COAL/OIL FIRED	NOX .70LB/MMBTU B* PM .10LB/MMBTU B* SO2 2.10LB/MMBTU COAL B* CO 2.51LB/MMBTU OIL B* NOX 20.00% OPACITY B*
POWER AUTHORITY STATE OF* NY		700.00MW	N	AUX. BOILER	NOX .30LB/MMBTU PM .081LB/MMBTU SO2 .30% S FUEL S* CO .04LB/MMBTU B* NOX .60LB/MMBTU COAL B* PM .30LB/MMBTU OIL B* CO .02LB/MMBTU COAL B* NOX .03LB/MMBTU COAL,* B*

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SOURCE TYPE CODE 1.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS
 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
POWER AUTHORITY STATE OFF* (CONTINUED)						
STONE CONTAINER CORP.	OH EPA-5-A-81-3	N BOILER, WOOD/GAS	CO	.20LB/MMBTU	.01LB/MMBTU OIL	B*
			NOX	.38LB/MMBTU	.40LB/MMBTU	B*
			PM	.06LB/MMBTU	20.00% OPACITY	
			SO2	.02LB/MMBTU	.03GR/DSCF	B*
			VOC	.02LB/MMBTU	20.00% OPACITY	
THE CHESAPEAKE CORP.	VA 80VA03	M BOILER,WOODWASTE	CO	.23LB/MMBTU	.30LB/MMBTU	N*
			NOX	.10LB/MMBTU	.10LB/MMBTU	H*
			PM	.80LB/MMBTU	.80LB/MMBTU	N*
			SO2	.23LB/MMBTU	.23LB/MMBTU	N*
UNION CAMP CORP.	GA (R)PSD-GA-062	M BOILER, COAL/WOOD WASTE	NOX	.70LB/MMBTU	.70LB/MMBTU	N*
			PH	.08LB/MMBTU	.08LB/MMBTU	B*
			SO2	1.20LB/MMBTU	1.20LB/MMBTU	H*

SOURCE TYPE CODE -- 1.6 EXTERNAL COMBUSTION - OTHER

ATLANTIC SUGAR ASSOC.	FL (R)AC50-42369	195.00MMBTU/H	N BOILER, BAGASSE	PM	.15LB/MMBTU INPUT	B*
			BOILER, BAGASSE	PM	.15LB/MMBTU INPUT	B*
			BOILER, NO. 6 OIL	VOC	2.00LB/T BAGASSE F*	S*
				SO2	1.00% S OIL	B*
				VE	30.00% OPACITY	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.6 EXTERNAL COMBUSTION - OTHER						REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
CENTRAL SOYA	OH 03-779	51.20MMBTU/H	N	FLUIDIZED BED BOILER	PM	.02LB/MMBTU	B*
HOUSTON LIGHTING & POWER	TX (R)PSD-TX-371	1500.00MM	N	BOILER, LIGNITE-FIRED, 2 EA	BE	.00LB/MMBTU	B*
			HG		CO	.11LB/MMBTU	B*
			H2*		NOX	.00LB/MMBTU	B*
			PB		PB	.03LB/MMBTU	N*
			PH		PH	.00LB/MMBTU	B*
			VOC		PH	.03LB/MMBTU	N*
				FEED SILO, WASTE BLENDING	PM	.00LB/MMBTU	B*
				FLYASH SILO	PM	.12LB/H	B*
				LIMESTONE FEED SILO, 3 EA	PH	.12LB/H	B*
				LIMESTONE LOADOUT	PH	.01LB/H	B*
				LIMESTONE RAILCAR UNLOAD	PH	.02LB/H	B*
				LIMESTONE RECLAM TUNNEL	PH	1.33LB/H	B*
				LIMESTONE RECLAM & TRANSFER	PH	.02LB/H	B*
				LIMESTONE STORAGE PILE	PH	.05LB/H	B*
				PUGMILL, WASTE BLENDING	PH	.37LB/H	B*
					PH	.21LB/H	B*
METROPOLITAN SERVICE DIS* OR 03-2667	2010.00T/D	N	BOILERS, 3		CO	1.43LB/T	B*
					FL*	.02LB/T	B*
					HCL	.67LB/T	B*
					HG	.00LB/T	B*
					NOX	3.58LB/T	B*
					PB	.01LB/T	B*
					PH	.02GR/DSFC	L*
					SO2	.57LB/T	B*
					TE*	.00LB/T	B*
					VOC	.12LB/T	B*
OCCIDENTAL GEOTHERMAL - * CA NSR-4-4-1 NC-8*	80.00MM	N	POWER PLANT		H2S	8.00LB/H	
OSCEOLA FARMS CO.	FL FL-0012	288.00MMBTU/H	N	BOILER, BAGASSE BOILER, NO.6 OIL	PM	.15LB/MMBTU INPUT	B*
			SO2		PM	.10LB/MMBTU INPUT	B*
			VE		PM	1.00% MAX S OIL	B*
					VE	30.00% OPACITY	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.6 EXTERNAL COMBUSTION - OTHER							REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
(CONTINUED)							
OSCEOLA FARMS CO.					VOC	2.00LB/T	\$*
PACIFIC GAS & ELECTRIC C* CA (R)NSR-4-4-3 *			N	POWER PLANT	H2S	10.40LB/H	B*
SUGAR CANE GROWERS COOP. FL (R)PSD-FL-077		240000.000LB/H	N	BOILER, #6 OIL	PM	.10LB/MMBTU	B*
					SO2	1.00% S OIL	B*
				BOILER, BAGASSE/RESIDUE, #6 *	VE	30.00% OPACITY	B*
				CO	140.000LB/H	B*	B*
					NOX	326.001/YR	B*
					PM	123.001B/H	B*
					209.001/YR	B*	B*
					PM	.15LB/MMBTU	B*
					SO2	75.601B/H	B*
					VOOC	14.001/D	B*
						140.000LB/H	B*
						325.001/YR	B*
TEXAS UTILITIES GEN CO. TX PSD-TX-32		1500.00HW	N	LIGNITE FIRED STEAM	PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
TEXAS UTILITIES SERVICE,* TX PSD-TX-47		1500.00HW	N	LIGNITE FIRED STEAM	PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
TEXAS UTILITIES SERVICE,* TX PSD-TX-44		792.00MMBTU/H	N	LIGNITE FIRED STEAM ELECT.	PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
WESTCHESTER COUNTY RESOU* NY		2250.00T/D	N	INCINERATORS, REFUSE FIRED, * AS*	.03GR/DSCF	B*	B*
					BE	.03GR/DSCF	B*
					CO	.62LB/T REFUSE	B*
					HG	.03GR/DSCF	B*
					NOX	3.001LB/T REFUSE	B*
					FB	.03GR/DSCF	B*
					PM	.03GR/DSCF	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 2.1 REFUSE INCINERATION				REPORT DATE 04/29/1983				
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ PROCESS MOD	DESCRIPTION	EMISSION LIMITATIONS & BASIS			
ENERGY ANSWERS CORP.	MA 025-1201MA14	1800.00T/D RDF	N	BOILER, WATER-COOLED, 3 EA.	NOX .50LB/MMBTU PM .05GR/DSCF 12% CO2 B* SO2 .30% S OIL B* .25LB/MMBTU B*			
MCKAY BAY REFUSE-TO-ENER* FL (R)PSD FL-086		1000.00T/D	N	MASS BURN FURNACES	BE 5.00G/D FL* 6.00LB/H HG .60LB/H NOX 300.00LB/H PB 3.10LB/H			
MCKAY BAY REFUSE-TO-ENER* FL AC 29-47277		1000.00T/D	N	MASS BURN FURNACES	PM .03GR/DSCF AT 12%* L*			
MCKAY BAY REFUSE-TO-ENER* FL (R)PSD FL-086		1000.00T/D	N	MASS BURN FURNACES	SO2 170.00LB/H			
MCKAY BAY REFUSE-TO-ENER* FL AC 29-47277		1000.00T/D	N	MASS BURN FURNACES				
MCKAY BAY REFUSE-TO-ENER* FL (R)PSD FL-086		1000.00T/D	N	MASS BURN FURNACES	VOC 9.00LB/H			
MUNICIPAL INCINERATOR PU* MD 78MD-09		600.00T/D	N	MUNICIPAL INCINERATOR	CO 30.00FPH NOX 127.00T/YR PM 2.60FPH VOC 11.40T/YR			
MESHC RESOURCE RECOVERY * MA 029-1211MA16		62.50T/H WASTE	N	AUXILIARY BOILER, 1	PM .03GR/DSCF SO2 81.60T/YR SO2 35.10FPH VOC 154.00T/YR CO 1.30FPH NOX 5.50T/YR			
STEAM GENERATING UNITS, 2 IN* CO NOX					CO .04LB/MMBTU NOX .16LB/MMBTU PM .10LB/MMBTU SOX .02LB/MMBTU SO2 .34LB/MMBTU CO .07LB/MMBTU NOX .32LB/MMBTU			

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 2.1 REFUSE INCINERATION						REPORT DATE 04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS	
N.E. MARYLAND WASTE DISP* MD 81MD01	2010.00T/D 3 UNI*	M	WATER WALL, 3 EA	INCINERATOR	CO	.05GR/DSCF AT 12/* PM .02LB/MMBTU SOX .34LB/MMBTU S02	B*	
REDDY CREEK IMPROVEMENT * FL PSD-FL-044	100.00T/D SOLID*	M	SLAGGING PYROLYSIS	INCIN.	CO	109.00LB/H 406.00T/YR FL* 4.20LB/H 15.70T/YR NOX 227.00LB/H 999.00T/YR S02	B*	
REFUSE FUELS, INC.	960.00T/D RDF	M	FURNACE,WATER WALL,	BALANCED* NO2	CO	2.26LB/MMBTU 91.20LB/H	B*	
RESOURCES AUTHORITY	TN		75.00T/D 2 EA	N BOILERS, 2 MUNICIPAL REFUSE *	PM	.70LB/MMBTU R0F .30LB/MMBTU OIL PM .03GR/DSCF S02	B*	
STEAM SUPPLY CORP.	OK T82-90		N INCINERATORS, SOLID WASTE, 3*	CO HG NOX PM S02 VOC	PM	.80% S OIL 1.20LB/MMBTU R0F	L* B*	
						.04GR/SCF	N*	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 2.2 SEWAGE SLUDGE INCINERATION				REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
CITY OF L.A., HYPERION, * CA (R)NSR-4-4-9 *		H GAS TURBINE, 4, DIGESTER GAS* SO2		20.00PPM DRY BASIS	B*		
		THERMAL PROCESSING WASTE HEA* BE		.001LB/H	B*		
		HG		.29LB/H	B*		
		SO2		20.00PPM DRY BASIS	B*		
		9.20LB/H		9.20LB/H	B*		

SOURCE TYPE CODE -- 2.3 OTHER SOLID WASTE DISPOSAL

DELAWARE SOLID WASTE AUT* DE 79DE02	H AIR CLASSIFIER	PM	7.70LB/H	B*
	AIR CLASSIFIER	PM	7.70LB/H	B*
	AIR KNIFE	PM	3.80LB/H	B*
	DRYER	PM	12.80LB/H	B*
	DUST CONTROL SYS	PM	5.20LB/H	B*
	GLASS RECOVERY	PM	6.20LB/H	B*
	SECONDARY AIR CLASSIFER	PM	4.10LB/H	B*
DELAWARE SOLID WASTE II DE 79DE02 II	H BOILER	PM	.01LB/H	B*
	BOILER	PM	.02LB/H	B*
	DRYER	PM	.48LB/H	B*
	DRYER	PM	1.04LB/H	B*
	HEATER	PM	.001LB/H	B*
	VENTS, 3	PM	1.60LB/H	B*

SOURCE TYPE CODE -- 3.1 NATURAL GAS TURBINES

CHUGACH ELECTRIC ASSOCIA* AK (R)PSD-X82-07	H GAS TURBINE	NOX	130.00LB/H
		SOX	569.00T/YR
		PM	12.00LB/H
			48.20T/YR

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SOURCE TYPE CODE 3.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 3.1 NATURAL GAS TURBINES						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
COLORADO INTERSTATE GAS	KS			M I.C. RECIP. ENGINES, GAS-FIR*	NOX 760.00PPMV, 15%O2 DRY*	
CROWN ZELLERBACH, INC.	CA 28179			N DUCT BURNER GAS TURBINE	NOX 88.00PPM NO2 AT 3:02 NOX 42.00PPM NO2 AT 15%*	
KILN-GAS R & D INC.	IL 82 07 0021			N GAS TURBINE	CO 290.00LB/H NOX 75.00PPM SO2 150.00PPM	N*
KISSIMMEE UTILITIES	FL PSD-FL-087	400.00MMBTU/H	N	GAS TURBINE	NOX 129.00PPM PM 16.00LB/H SO2 388.00PFUEL VE 20.00% OPACITY	N*
NEVADA PWR CO., CLARK ST* NV (R)NV 78-02	73.50MW		M	GEN., GAS TURBINE	CO .12LB/MMBTU NO2 .34LB/MMBTU PH .03LB/MMBTU	B*
NEVADA PWR CO., CLARK ST* NV (R)NV 80-01	73.50MW		M	GEN., COMBUSTION TURBINE	NOX .34LB/MMBTU	N*
NORTHERN NATURAL GAS	KS		M	I.C. RECIP. ENGINES, DUAL FU*	CO 15.00LB/H NOX 60.00LB/H VOC 3.90LB/H	
PANHANDLE EAST PIPELINE* KS			M	I.C. RECIP. ENGINES, GAS FIR*	NOX 600.00PPMV, 15%O2 DRY*	
PRUDHOE BAY CONSORTIUM	AK (R)PSD-X81-01	303.00MMHP	M	HEATERS TURBINES	CO .011LB/MMBTU NOX .09LB/MMBTU CO 1.09LB/MMSCF FUEL NOX 150.00PPM	B*
PUGET SOUND POWER & LIGHT WA PSD-X-82-09		200.00MW	N	GAS TURBINE, 2	CO 185.00LB/H NOX 645.00T/YR NOX 480.00LB/H	

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SOURCE TYPE CODE 3.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 3.1 NATURAL GAS TURBINES				REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS			
SW GAS STORAGE CO., PAHH* KS		3200.00HP	N ENGINES, NAT. GAS FIRED, 5 I* NOX	PM	2.90LB/H		B*
TEXAS EASTERN TRANSMISSI* PA 82PA02		18500.00HP	M GAS TURBINE	SO2	12.50T/YR		
VULCAN MATERIALS CO.	KS	39.10MW	M TURBINE, SIMPLE-CYCLE, NAT. *	NOX	640.00LB/H		
				NOX	154.00T/YR		

SOURCE TYPE CODE -- 3.2 NATURAL GAS COMPRESSORS

ALCONQUIN GAS TRANSMISSI* CT 026-042CT01	4000.00BRAKE HP	M ENGINE, TURBINE COMPRESSION	NO2	.01Z BY VOL		B*
CO INTERSTATE GAS, CHEYE* CO	20.00MHP	M 2 ENGINES	NOX	39.24LB/H		B*
		2 REC ENGINES				
		2 REC ENGINES				
		2 REC ENGINES				
		2 REC ENGINES				
CO INTERSTATE GAS, DEERT* CO	20.00MHP	M ENGINE	NOX	68.00LB/H		B*
		GEN. ENGINE	NOX	158.60LB/H		B*
		HEATER	NOX			
		2 ENGINES	NOX			
CO INTERSTATE GAS, FLANK CO	66.00MHP	M H3 GLYCO REBOIL, 6 REC NG ENGS	NOX	.76LB/H		B*
			NOX	211.40LB/H		B*
			NOX	8610.00SLH		D*
			NOX	83.10LB/H		B*

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SOURCE TYPE CODE 3.2

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 3.2 NATURAL GAS COMPRESSORS

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	PROCESS	EMISSION LIMITATIONS & BASIS
CO INTERSTATE GAS, KIT C* CO		44.00MHP	M ENGINE, OPR 3 ENGINES		NOX 8.90LB/H B*
CO INTERSTATE GAS, TOTEN* CO		34.00MHP	N GENERATOR		NOX 211.40LB/H B*
			2 HEATERS		NOX 8.90LB/H B*
			4 ENGINES		NOX 2.52LB/H B*
			6 ENGINES		NOX 53.16LB/H B*
			6 ENGINES		NOX 216.60LB/H B*
CO INTERSTATE GAS, WATKI* CO		60.00MHP	M ENGINE		NOX 17.84LB/H B*
			4 ENGINES		NOX 142.72LB/H B*
			5 ENGINES		NOX 396.50LB/H B*
CONSOLIDATED GAS SUPPLY * WV 81WV01		1600.00HP 2 EA	M I.C. ENGINE		NOX 7.33G/SEC B*
EL PASO NATURAL GAS CO.,* NM NM-428			N ENGINE, I.C. COMPRESSOR ENGINE, I.C. COMPRESSOR		NOX 2.45G/HP-H NOX 2.45G/HP-H
GETTY OIL CO.	TX X3878		N SUPERIOR 126TA 'CLEAN BURN' *	CO	115.80T/YR NOX 77.20T/YR VOC 8.40T/YR
LLANO, INC.	NM NM-477		N ENGINE, I.C. COMPRESSOR ENGINE, I.C. COMPRESSOR ENGINE, I.C. COMPRESSOR ENGINE, I.C. COMPRESSOR		NOX 2.20G/HP-H NOX 2.20G/HP-H NOX 2.20G/HP-H NOX 2.20G/HP-H NOX 2.20G/HP-H

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE:	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
MICHIGAN WISCONSIN PIPE * MI 660-80		4000.00HP 2 EA	N	COMPRESSOR, NAT. GAS, 2 EA	NOX	12.30G/HP-H
NMH FUEL RESOURCES-KASTL* UT		24.00MP	4	COMP UNIT	CO	228.00LB/H
PANHANDLE EAST. PIPELINE* KS		1669.00HP	M	I.C. RECIP. ENGINE, UNIT#3	NOX	700.00PPM 15% O2 (D)
PANHANDLE EAST. PIPELINE* CO		16.001HP		REC COMP ENG	NOX	5.50G/HP-H
PANHANDLE EAST., FT. LUP* CO		13746.00HP		REC COMP ENG, 3	NOX	55.00LB/H EA
SOUTHERN NAT. GAS	AL (R)PSD-AL-055	2000.00HP EA	M	VERT COMPRESSOR ENGINES, 3 EA	NOX	16.50GM/HP-H
SOUTHERN NAT. GAS	AL PSD-AL-074	4000.00HP	M	VERTICAL COMPRESSOR ENGINE	NOX	15.00G/HP-H
SOUTHERN NAT. GAS	AL (R)PSD-AL-075	5000.00BRAKE HP	M	VERTICAL COMPRESSOR ENGINE	NOX	15.00G/HP-H
TENNESSEE GAS PIPELINE C* PA 27-399-001		15500.00HP	M	GAS COMPRESSOR	NOX	4.00G/HP-H
TRANSWESTERN PIPELINE CO* NM NM-274-M-2			M	ENGINE, I.C. COMPRESSOR	NOX	4.00G/HP-H
TRANSWESTERN PIPELINE CO* NM NM-274-M-1			M	ENGINE, I.C. COMPRESSOR	NOX	5.00G/HP-H
TRANSWESTERN PIPELINE CO* NM NM-464			N	ENGINE, I.C. COMPRESSOR	NOX	4.00G/HP-H
TRANSWESTERN PIPELINE CO* NM NM-399-M-1			M	ENGINE, I.C. COMPRESSOR	NOX	5.00G/HP-H
TRANSWESTERN PIPELINE CO* NM NM-411-M-1			M	ENGINE, I.C. COMPRESSOR	NOX	4.00G/HP-H
TRANSWESTERN PIPELINE CO* NM NM-412-M-1			M	ENGINE, I.C. COMPRESSOR	NOX	5.00G/HP-H
TRANSWESTERN PIPELINE CO* NM NM-413-M-1			M	ENGINE, I.C. COMPRESSOR	NOX	4.00G/HP-H
TRANSWESTERN PIPELINE CO* NM NM-414-M-1			M	ENGINE, I.C. COMPRESSOR	NOX	4.00G/HP-H
TRANSWESTERN PIPELINE CO* NM NM-415-M-1			M	ENGINE, I.C. COMPRESSOR	NOX	5.00G/HP-H

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 3.2 NATURAL GAS COMPRESSORS							REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS	
TRANSWESTERN PIPELINE CO.* NM NM-387-M-1				N ENGINE, I.C. COMPRESSOR	NOX 5.00G/HP-H		
VALERO TRANSMISSION CO. TX X-3603		3000.00HP	N	GAS COMPRESSORS, 3	CO 64.40T/YR NOX 34.80T/YR VOC .70T/YR		
<hr/>							
SOURCE TYPE CODE -- 3.3 OTHER INTERNAL COMBUSTION							
CAJUN ELECT. POWER COOP. LA (R)PSD-LA-062		540.00MW	N	TURBINE, COAL FIRED			
CITY OF AUGUSTA KS		6000.00KW	N	DUAL FUEL ENGINE, GEN. UNIT *	NOX 1150.00PPM 15% 02 (D) T*		
CITY OF KINGMAN KS		18611.00HP	N	IC ENGINE, DUAL FUEL, UNIT 8	NOX 1150.00PPMV, 15% 02, *	B*	
CITY OF OTTAWA KS		16624.00HP (TOTAL*)	N	RECIP. ENGINES, 2 DUEL-FUEL *	NOX 1150.00PPMV 15% 02 (D)	B*	
EMPIRE DIST. ELECT. CO. MO		90.00MW	N	COMBUSTION TURBINE, SIMPLE-C*	CO 56.00LB/H	B*	
FLORIDA POWER FL FL 017		252.00MW	N	TURBINE PEAKING UNITS, 4 EA	CO 21.00PPMV NOX 230.00PPMV, 15% 02, *	B*	
GULF STATES UTILITY LA (R)PSD-LA-294		100.00MW	N	TURBINE	CO 86.00LB/H NOX 64.00T/YR SO2 250.00LB/H PM 187.00T/YR SO2 379.00LB/H EA PM 284.00T/YR	B*	
						N*	
						N*	
						B*	
						B*	
						B*	
						B*	

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SOURCE TYPE CODE 3.3

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 3.3 OTHER INTERNAL COMBUSTION				REPORT DATE 06/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ PROCESS #00	DESCRIPTION	EMISSION LIMITATIONS	& BASIS	
GULF STATES UTILITY	LA (R)PSD-LA-292	2672.00MBTU/H	H	COMBUSTION TURBINE(2)	CO 125.00LB/H SO2 .00LB/MMBTU GAS NOX .00LB/MMBTU OIL PM .00LB/MMBTU GAS	B*	
HOFFMANN-LAROCHE, INC.	NJ	23.30MW	M	DIESEL ENGINE, W/WASTE HEAT	NOX * NOX 2272.00T/YR	N*	
MUNICIPAL GENERATING PLA* KS			M	ENGINE-GENERATOR	NOX 1150.00PPMV, 15/02 DRY*		
NEVADA PHR CO./REID GARD* NV (R)NV 79-03		2.50.00MW	M	GENERATOR	NOX .50LB/MMBTU SB. C* PM .60LB/MMBTU BIT. *		
PRUDHOE BAY CONSORTIUM	AK (R)PSD-X61-13	160.00MHP	M	GAS HEATERS GAS TURBINE, 10	CO .02LB/MMBTU NOX .08LB/MMBTU CO 109.00LB/MMSCF FUEL NOX 150.00PPM	B*	
SEA WORLD, INC.	CA 7801		N	I.C. PISTON ENGINE	CO 1.50LB/MMBTU SEE N*	B*	

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SOURCE TYPE CODE 3.3

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 3.3 OTHER INTERNAL COMBUSTION
 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	PROCESS	EMISSION LIMITATIONS	& BASIS
SEA WORLD, INC.	CA		N I.C. PISTON ENGINE	CO	.23LB/MMBTU	
SEA WORLD, INC.	CA 7801		N I.C. PISTON ENGINE	NOX	1.80LB/MMBTU SEE N*	
SEA WORLD, INC.	CA		N I.C. PISTON ENGINE	NOX	.25LB/MMBTU	
SEBRING UTILITIES COMMIS* FL (R)PSD-FL-071		40.00MW	N DIESEL ENGINES	CO NOX PH VOC	.58LB/MMBTU 819.00PPIV .10LB/MMBTU S02 .26LB/MMBTU	N* B* B*
SHELL OIL CO.	TX (R)PSD-TX-360	27.50MMCF/D	N I.C. ENGINES, RECIPROCATING *	NOX	10.00G/HP-H	B*
TRENTON DISTRICT ENERGY * NJ		12000.00KWH	N DIESEL ENGINES, W/2 SUP. FIR*	NOX PM S02	1869.00T/YR 71.00T/YR 482.00T/YR	D* S*

SOURCE TYPE CODE -- 4.1 SURFACE COATING - CANS/COILS

BALL METAL CONTAINER GRO* OH 03-1025		N EXTERIOR BASE OPERATION INTERNAL COAT	VOC VOC	.36KG/L COATING S* .54LB/GAL OF COAT*	N* B*
EVANS COOPERAGE CO., INC. OK T82-31		N HAND SPRAY DRUM PAINTING	VOC	15.68LB/H	
MILLER BREWING CO.	GA 3411-035-6906-C	600.00MM CANS/YR	N BASE COATING END SEALING COMPOUND INTERIOR BODY SPRAYING OVERVARNISH	VOC VOC VOC	1.85LB/GAL COATING* 3.70LB/GAL COATING* 3.99LB/GAL COATING* 2.33LB/GAL COATING*
NATIONAL CAN CORP.	IL C 7906091		N COATER & OVENS	VOC	209.60T/YR L*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 4.1 SURFACE COATING - CANS/COILS				REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW / PROCESS MOD	DESCRIPTION	EMISSION LIMITATIONS	& BASIS	
PREFINISH METALS	OH 03-746		N	2 COIL COATERS & OVENS	VOC	37.00LB/H	
STROH CONTAINER	OH 03-807		N	BASE, BOTTOM, AND INTERNAL C*	VOC	40.00T/YR	
<hr/>							
SOURCE TYPE CODE -- 4.2 SURFACE COATING - PAPERS/FABRICS							
ALLIED PRINTERS & PUBLIS* OK T80-74		N	WEB OFFSET PRINTING PRESS	VOC	.71LB/H		
AVERY INTERNAT	OH 0243110957	N	VINYL AND PAPER COATING LINE	VOC	2.60LB/GAL COAT. A*	L*	
DIEZGEN CORP.	IL C8006034	N	ROLLER COATER LINE	VOC	132.80T/YR		
FRYE COPY SYS, INC	IN PC(20)1480	240.00LB/H	N	PAPER COATING LINE	VOC	.60LB/GAL COATING L*	
INTERNAT. LABEL MFG. FAC. TN PSD-TN-060		N	BOILERS, NAT. GAS, 3 EA	SO2	152.88T/YR	B*	
ITEN FIBRE CO.	OH 0204010112		N	PAPER PRINTING	VOC	46.94T/YR	L*
MURRAY RUBBER, MEAD COM* TX 9040		450.00LB/H	N	RESIN COATING LINE	VOC	2.90LB/GAL COAT. A*	L*
KDN CORP.	OH 0857101457 K001		N	FABRIC COATER	VOC	516.00T/YR	
			N	PAPER COATING	VOC	27.00LB/H	
			N		VOC	19.00LB/H	
			N		VOC	11.40T/YR	

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SOURCE TYPE CODE 4.3

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 4.3 SURFACE COATING - AUTO./LIGHT DUTY TRUCKS						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS & BASIS
CHRYSLER CORP.	MI C-5366 THRU C-*	75.00CARS/H	H	COLOR FLASH-OFF BOOTH COLOR SPRAY BOOTH DOUBLE-WIDTH OVEN TACK-OFF BOOTH	VOC	25.20LB/GAL APPL. S* L*
FORD MOTOR CO.	MI 447-454/79 + 4*		N	COMPOUND MACHINES, DIRECTION* VOC ELECTROSTATIC PAINT SYS. VOC	VOC VOC	12.90LB/GAL APPL. S* 457.50LB/H L*
GM WORLD WIDE TRUCK DIV	OH 08-215	60.00TRUCKS/H	N	ANTI-CORROSION CHASSIS BLACK ELFO PRIME FINAL REPAIR MAST JACKET PLASTISOL/ANTI-CHIP PRIMER SURFACER	VOC VOC VOC VOC VOC VOC VOC	.74LB/H 9.07LB/H 4.30LB/GAL COATING* L* 3.50LB/GAL VOC MIN* L* 1.20LB/GAL COATING* L* 4.80LB/GAL VOC MIN* L* 6.30LB/GAL VOC MIN* L* 3.50LB/GAL COATING* L* 2.88LB/GAL COATING* L* 15.84LB/GAL VOC SOL* L* 3.60LB/GAL COATING* L* 15.05LB/GAL VOC SOL* L* 3.70LB/GAL VOC MIN* L*
VOLKSWAGEN OF AM	MI 250-80 TO 273-*		N	PAINTING OPERATIONS		

SOURCE TYPE CODE -- 4.4 SURFACE COATING - METAL FURNITURE

STEELCASE, INC.	MI 51-60	N BOILER, COAL FIRED, 2 EA COAL & ASH HANDLING SYS.	NOX PM SO2 PM PM	.60LB/MMBTU .05LB/MMBTU 1.60LB/MMBTU .03GR/DSCF
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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 4.5 SURFACE COATING - MAGNET WIRE				REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ PROCESS MOD	DESCRIPTION	EMISSION LIMITATIONS & BASIS
PHILIPS DODGE, MAGNET WIR* KY C-75-16				M OVENS, FINE WIRE, 10 OVENS, 1 HEAVY & 1 MEDIAN WI* VOC OVENS, 4 VOC OVENS, 6 HEAVY & 1 FINE WIRE VOC OVEN, 1 FINE WIRE VOC	4.55LB/H 19.11T/YR 13.96B/H 58.60T/YR 40.80LB/H 675.49T/YR 31.30LB/H 85.90T/YR .46LB/H 1.91T/YR
SOURCE TYPE CODE -- 4.6 SURFACE COATING - LARGE APPLIANCES					
SANYO E&E CORP.	CA 07037			M COATING LINE	VOC 275.00G/LITER OF COA* B*
SOURCE TYPE CODE -- 4.7 SURFACE COATING - MISC. METAL PARTS/PRODUCTS					
MARK IND.	TX X3697			N SPRAY BOOTHs, 2	VOC 7.64T/YR
SOURCE TYPE CODE -- 4.9 SOLVENT DEGREASING					
BRIGGS & STRATTON CORP.	WI MAN-10-GEB-81-*			N DEGREASERS	

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SOURCE TYPE CODE 4.12

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 4-12 GRAPHIC ARTS		NEW/ MOD DESCRIPTION				EMISSION LIMITATIONS		REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	PROCESS DESCRIPTION					& BASIS	
BEMIS CARPHANE FILMS	WI MAN-10-EYE-81-*	N SARAN COATERS, 2 EA	VOC	.32KG/L	L*	2.67LB/GAL	L*		
BEMIS CO.	WI MAN-03-80-71-1*	N EXTRUSION COATER #9	VOC	.09KG/L	L*	1.56LB/GAL	L*		
		FLEXOGRAPHIC PRINTING PRESS * LAMINATOR #16	VOC	85.00% REDUCTION	L*	.17KG/L	L*		
			VOC	1.43LB/GAL	L*				
BEMIS SPECIALTY FILMS	WI MAN-10-EYE-81-*	N COATER #10 COATER #11	VOC	.03KG/L COATING	L*	.25LB/GAL	L*		
		FLEXOPRESS COATER #2 LAMINATOR #17	VOC	.21KG/L	L*	1.77LB/GAL	L*		
			VOC	18.00% VOC VOL. IN *	L*	.04KG/L COATING	L*		
			VOC	.33LB/GAL	L*				
BROWN PRINTING	KY KY 153	102.00GAL INK/H	N ROTOGRAVURE PRINTING PRESS	VOC	102.00GAL/H INK	L*			
COLUMBUS COATED FABRICS	OH 01-415	M INTA-ROTO HL-41 PRINTER	VOC	4.80LB/GAL VINYL	B*	2.90LB/GAL INK	B*		
CONTAINER CORP. OF AM	IN PC(18)1477	360.00T/YR	N ROTOGRAVURE PRINT PRESS	VOC	36.00T/YR				
CPS INDUSTRIES	TN (R)PSD-TN-069	1073.30LB/H	N CERUTTI & HELIX PRESSES, 5	VOC	128.11LB/H	L*			
DIVERSIFIED PRINTING	TN PSD-TN-069	2400.00T/YR	N PRINTING	VOC	2400.00T/YR	L*			
R. J. R. ARCHER, INC.	NC 00466-0005-P	2000.00FT/MIN	N ROTOGRAVURE PRESS	VOC	341.00LB/H				
R.R. DONNELLEY & SONS CO. IL EPA-5-A-80-17		3368.00T/YR EA	N ROTOGRAVURE PRESSES, 2 EA	VOC	212.00T/YR				
WORLD COLOR PRESS	IL C 80 10 0006	N OFFSET PRESSES ROTOGRAVURE PRESSES	VOC	251.00T/YR					
			VOC	336.00T/YR					
W.F. HALL PRINTING CO.	GA 2754-036-8480	120.00MMBTU/H	N BOILERS, 2	PH	.10LB/MMBTU	N*			
			SO2	246.00LB/H	N*				

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SOURCE TYPE CODE 4.12

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE:	4.12 GRAPHIC ARTS				REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
				CARBON BED ADSORPTION UNIT	.80LB/MMBTU NO2 VOC	N* .30LB/MMBTU 39.00LB/H L*

SOURCE TYPE CODE -- 4.14 OTHER ORGANIC EVAPORATION LOSS

BROYHILL FURNITURE	NC NC-035	300.00GAL TOPCO*	N	SPRAY BOOTHS	VOC	688.00T/YR
MEREDITH CORP.	IA		M	FLEXOGRAPHIC PRINTER ROTOGRAVURE PRINTING PRESS	VOC	16.00% VOL SOLVENT *
ROCKWELL INTERNATIONAL	OK T80-43		N	BOND PRIME, PRIME & ENAMEL C*	VOC	18.40T/YR UNCONT.,N* 3.40T/YR CONT.,NOT* 202.00T/YR UNCONT.,N*
SOLVENT RESOURCE RECOVERY OH 0857751346 P004			N	CHEM MASKANT ON ACFT SKINS DISTILLATION UNIT	VOC	1.27LB/D .16T/YR

SOURCE TYPL CODE -- 5.0 PETR. REFINING/OIL & GAS PROD./RELATED INDUSTRY

EXXON CO	MS MS 030	24.00MMCF	N	TEST WELL	SO2	745.00T/D 30 D MAX
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SOURCE TYPE CODE -- 5.1 PETROLEUM REFINING - SEPARATION

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. FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX.

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.1 PETROLEUM REFINING - SEPARATION							REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ARCO PETROLEUM PROD. CO.	CA (R)LA-78-17	450.00MMBTU/H	H	DISTILL. UNIT, REPLACEMENT C*	SO2	800.00PPM S REFIN. G*	.25%S-FUEL OIL
GULF STATES OIL & REFINERY TX	8452		N	FUGITIVES HEATERS, 4	VOC	3.10T/YR	B*
				VAC. COLUMN EJECTOR	NOX	19.50T/YR	A*
				2 VACUUM DISTILL. UNITS, GAS	SO2	32.90T/YR	B*
THE DOW CHEMICAL CO.	TX (R)PSD-TX-405	400.00MMBTU/H			NOX	.12LB/MMBTU	
					SO2	.03LB/MMBTU	N*

SOURCE TYPE CODE -- 5.2 PETROLEUM REFINING - CONVERSION							
ASHLAND OIL, INC.	KY C-82-127	55000.00BBL/D	H	BOILER, PACKAGED, OIL/GAS	PM	17.00T/YR	
			CO BOILER		SO2	345.00T/YR	
					CO	300.00PPM	
					NO2	2234.00T/YR	
						.20LB/MMBTU	
						713.00T/YR	
					PM	68.00LB/H	
						298.00T/YR	
					SO2	250.00PPM	
						4260.00T/YR	
					VOC	65.00T/YR	
					CO	240.00T/YR	
						96.00T/YR	
					SO2	9.00T/YR	
					CO	6027.00T/YR	
						287.00T/YR	
					SO2	673.00T/YR	
					CO	3.00T/YR	
						9.00T/YR	
					PM	7.00T/YR	

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SOURCE TYPE CODE 5.2

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.2 PETROLEUM REFINING - CONVERSION				REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
CHAMPLIN PETROLEUM CO.	CA LA-79-05			M ALKYLATION UNIT, HYDROFLUORI* SO2	230.00IG/DSCM H2S		
				CATALYTIC POLYMERIZATION UNIT SO2	.10GR/DSCF		
				FCC UNIT	.10IG/DSCM H2S		
					.10GR/DSCF		
CHAMPLIN PETROLEUM CO.	TX (R)PSD-TX-408	22.50MBBL/D	M	COKER HEATER	NOX	.18LB/MMBTU	B*
				HEATER, KEROSENE HYDROTREAT*	SO2	.03LB/MMBTU	N*
				HEATER, KEROSENE HYDROTREAT*	NOX	.12LB/MMBTU	B*
				HEATER, KEROSENE HYDROTREAT*	SO2	.03LB/MMBTU	N*
				HEATER, MIXED DIST. HYDROTRE*	NOX	.12LB/MMBTU	B*
					SO2	.03LB/MMBTU	N*
					NOX	.12LB/MMBTU	B*
					SO2	.03LB/MMBTU	N*
EXXON CO., USA/BAYWAY RE* NJ		45.00MBPSD		FUGITIVE EMISSIONS	VOC	203.00T/YR	L*
				HYDROFINER POWER FORMER	SO2	4416.60T/YR	B*
				PROCESS HEATER	VOC	2.50T/YR	L*
					NOX	1663.00T/YR	B*
					SO2	195.40T/YR	B*
					VOC	5.10T/YR	L*
				TANKAGE	VOC	4.10T/YR	L*
TOSCO CORP.	CA 27769	5.00HP	N	CENTRIFUGAL PUMPS	VOC	500.00PPM	
UNITED REFINING CO.	PA 78PA14	20000.00MBBL/D	M	CLAUS PLANT	SO2	350.00LB/H	B*
				FCC UNIT	SO2	24.00LB/H	N*
				REBOILER	SO2	65.00LB/H	B*
				REFORMER HEATER			

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SOURCE TYPE CODE 5.3

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.3 PETROLEUM REFINING - TREATING							REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS		
ENDEVCO, INC.	AR AR-240M-1		N	DIETHANOLAMINE RECONCENTRATOR INCIN. TRIETHYLENE GLYCOL	S02 S02 S02	.10LB/H .001LB/H .10LB/H	B* B* B*
OIL INTERNATIONAL LTD	MT	2.00MMSCFD		INCINERATOR	S02	57.00LB/H 249.00T/YR	B* B*
SOURCE TYPE CODE -- 5.4 PETROLEUM REFINING - FEEDSTOCK							
AMOCO OIL CO.	IN PC (45) 1479	10.80MMGAL	N	STORAGE TANKS, GASOLINE	VOC	1.61LB/H 1.65LB/H 2.16LB/H	B* B* B*
ARCO PIPELINE CO.	PA 79PA24		M	STORAGE TANKS NOS. 11, 14 STORAGE TANKS NOS. 2, 13, 15 STORAGE TANKS NOS. 4, 12 STORAGE TANKS NOS. 9, 10 STORAGE TANKS NO. 1	VOC VOC VOC VOC VOC	1.32LB/H .27LB/H	B* B*
VENTECH REFIN.	LA (R)PSD-LA-278A		M	BARGE LOAD/UNLOAD TANK TANKS, 2EA TANKS, 6EA	VOC VOC VOC	3.02LB/H .35LB/H .87LB/H .02LB/H	B* B* B* B*
SOURCE TYPE CODE -- 5.5 PETROLEUM REFINING - AUXILIARY							
ALLIED MATERIALS CORP.	OK (R)PSD-OK-344		M	WASTE INCINERATOR/HEAT RECOV*	S02	4.43LB/MMBTU	B*
AMOCO	TX (R)PSD-TX-402	130.00MBPSD	M	HEATERS, 12 EA HYDROTREAT FLARES, 2	NOX S02 NDX	.12LB/MMBTU .03LB/MMBTU .12LB/MMBTU	B* N* B*

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY						REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ PROCESS HOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
AHCO TEXAS REFINING CO. TX TX-101	50000.00BPSD	H	SRU FLARE		SO2 .03LB/MMBTU NOX .12LB/MMBTU	B*	B*
			SULFUR RECOVERY UNIT		SO2 .03LB/MMBTU NOX 13.00LB/H SO2 250.00PPM	N*	B*
AMOCO, CAVE CREEK UT	250.00MSCFD SO*	N	FURNACE, EXISTING HOT OIL FURNACE, EXISTING PREHEAT FURNACE, EXISTING REHEAT FURNACE, EXISTING REHEAT FURNACE, NEW DESULFURIZING		NOX 47.90LB/H NOX 56.20LB/H NOX 63.20LB/H NOX 76.50LB/H NOX 21.20LB/H	B*	B*
CALCASIEU REFIN.	LA (R)PSD-LA-293	M	GLYCOL REBOILER REG GAS HEATER		NOX 2.10T/YR VE 20.00% OPACITY NOX 3.60T/YR	B*	B*
CAROLINA REFINING & DIST GA GA 063	30000.00BPSD	N	SO2 RECOVERY PLANT		NOX 67.50T/YR SO2 825.00PPM	B*	B*
CHAIPLIN PETROLEUM CO. TX TX-337		M	STAB REBOILER		NOX 794.00LB/H VE 9.20T/YR	B*	B*
			3 BOILERS		NOX 20.00% OPACITY VE 145.90T/YR	B*	B*
			6 HEATERS		NOX 20.00% OPACITY VE .70T/YR	B*	B*
			INCIN.		NOX 20.00% OPACITY NOX .11LB/MMBTU NOX .10LB/MMBTU	B*	B*
			PROCESS HEATERS		NOX 518.10T/YR VOC 3326.20T/YR	B*	B*
		M	BOILERS, 3 (FUEL GAS ONLY)		NOX 5.60LB/H SO2 .12LB/MMBTU	B*	B*
			EMERGENCY FLARE		SO2 1.20LB/H NOX .03LB/MMBTU NOX .10LB/H	H*	N*

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE	SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
CHAMPLIN PETROLEUM CO. (CONTINUED)						
		HEATER, HYDROTREATER CHARGE			SO2 NOX	.10LB/H 5.70LB/H REFIN. GAS B* .12LB/MMBTU REFIN* B*
					NOX	8.20LB/H G/O B* .17LB/MMBTU G/O B*
		SO2			SO2	1.20LB/H REFIN. GAS N* .03LB/MMBTU REFIN* N*
					SO2	33.00LB/H G/O N* .76LB/MMBTU G/O N* 2.40LB/H REFIN. GAS B* .12LB/MMBTU REFIN* B*
		HEATER, PLATFORM AROMATIC			NOX	3.50LB/H G/O B* .17LB/MMBTU G/O B* .50LB/H REFIN. GAS H* .03LB/MMBTU REFIN* N*
					SO2	13.80LB/H G/O N* .76LB/MMBTU G/O N* 3.00LB/H REFIN. GAS B* .12LB/MMBTU REFIN* B*
		HEATER, PLATFORM DEPENTANI*			NOX	4.40LB/H G/O B* .17LB/MMBTU G/O B* .60LB/H REFIN. GAS N* .03LB/MMBTU REFIN* N*
					SO2	17.50LB/H G/O H* .76LB/MMBTU G/O H* 47.00LB/H REFIN. GAS B* .12LB/MMBTU REFIN* B*
		PLATFORM CHARGE HEATERS, 3			NOX	67.30LB/H G/O B* .17LB/MMBTU G/O B* 9.90LB/H REFIN. GAS H* .03LB/MMBTU REFIN* N*
					SO2	112.70LB/H G/O N* .76LB/MMBTU G/O H* 3.80LB/H REFIN. GAS B* .12LB/MMBTU REFIN* B*
		REBOILER, HYDROTREATER STRIP*			NOX	5.40LB/H G/O B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY						REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
CHEVRON USA REF.	MS MS 024	7000.00GPCD	M	PROCESS EQUIPMENT	NOX SO2	.17LB/MMBTU G/O .80LB/H REFIN. GAS .03LB/MMBTU REFIN*	B*
CHEVRON USA, INC.	CA 27797	N	FURANCE #1 FURANCE #10 FURANCE #2 FURANCE #3 FURANCE #5 FURANCE #6 FURANCE #7 FURANCE #8 FURANCE #9 FURNACE 4	PROCESS EQUIPMENT	NOX NOX NOX NOX NOX NOX NOX NOX NOX NOX	40.00PPM NO2 AT 3/02 40.00PPM NO2 AT 3/02	H*
CITIES SERVICE CO.	LA	M	A REFORMER FURNACE, B-102	- *	NOX VOC	34.50LB/H .04LB/MMBTU .90LB/H .01MMBTU/H	B*
		A	REFORMER FURNACE, B-201		NOX VOC	14.20LB/H .00LB/MMBTU .20LB/H .00LB/MMBTU	B*
		A	REFORMER FURNACE, B-202		NOX VOC	11.60LB/H .00LB/MMBTU .20LB/H .00LB/MMBTU	B*
		B	REFORMER FURNACE, B-401		NOX VOC	13.20LB/H .00LB/MMBTU .20LB/H .00LB/MMBTU	B*
		B	REFORMER FURNACE, B-402		NOX	12.20LB/H	B*

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FCR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX.

SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE:	5.5 PETROLEUM REFINING - AUXILIARY			REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
			VOC	.001LB/MMBTU .20LB/H B*
B REFORMER FURNACE, B-403,40*	NOX	50.80LB/H	.001LB/MMBTU .22LB/MMBTU B*	
B REFORMER FURNACE, B-406	NOX	12.60LB/H	.001LB/MMBTU 2.30LB/H B*	
C REFORMER, REGEN. VENT COKER FURNACES, B-201	NOX	18.00LB/H	.001LB/MMBTU .22LB/MMBTU B*	
COKER FURNACE, B-101	NOX	23.70LB/H	.001LB/MMBTU .20LB/H B*	
COMPLEX COOLING TOWERS POWER HOUSE BOILER, B-A3,3C	VOC NOX	234.40LB/H 60.50LB/H	.001LB/MMBTU .001LB/MMBTU .35LB/MMBTU B*	
POWER HOUSE BOILER, B-3, B-3B	NOX	60.50LB/H	.011LB/MMBTU .90LB/H B*	
REFINERY, MSC. SOURCES REFORMER FURNACE, B-501,502,*	VOC NOX	291.00LB/H 37.60LB/H	.011LB/MMBTU .001LB/MMBTU B*	
REFORMER FURNACE, B-503,504,*	NOX	.19LB/MMBTU 101.70LB/H	.001LB/MMBTU B*	

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY			REPORT DATE 04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW / MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
CLARK OIL CO., WOOD RIVER IL 81060081				TANKAGE TOPPER FURNACE, B-2C	1.50LB/H B*
				VOC	.581.70LB/H B*
				NOX	14.40LB/H B*
					.22LB/MMBTU B*
				VOC	.20LB/H B*
					.001LB/MMBTU B*
COASTAL STATES PETROLEUM	TX TX-243	225.00MBPSD	H	BOILER, UTILITY	CO 55.50T/YR NOX 389.30T/YR PM 92.90T/YR
				BOILER, UTILITY	SO2 1.00LB/MMBTU VOC 70.20T/YR
				BOILER, UTILITY	CO 1.60LB/H B*
				BOILER, UTILITY	CO 0.02LB/MMBTU B*
				BOILER, UTILITY	CO 1.60LB/H B*
				BOILER, UTILITY	NOX .02LB/MMBTU B*
				BOILER, UTILITY	CO 10.60LB/H NOX .12LB/MMBTU B*
				GAS OIL HDS HEATER	CO 1.2LB/MMBTU B*
					NOX 1.31LB/H B*
					.02LB/MMBTU B*
				HEATER, COKER CHARGE	NOX 0.80LB/H B*
					.02LB/MMBTU B*
					CO 2.04LB/H B*
					.02LB/MMBTU B*
					NOX 13.60LB/H B*
					.12LB/MMBTU B*
				HEATER, CRUDE CHARGE	CO .81LB/H B*
					.02LB/MMBTU B*
					NOX 5.40LB/H B*
					.12LB/MMBTU B*
				HEATER, DIESEL HDS	CO .16LB/H B*
					.02LB/MMBTU B*
					NOX 1.10LB/H B*
					.12LB/MMBTU B*

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

COMPANY NAME		STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION		EMISSION LIMITATIONS	& BASIS
COASTAL STATES PETROLEUM (CONTINUED)							
			HEATER, FCCU FEED	CO	1.17LB/H	B*	
				NOX	.02LB/MMBTU	B*	
			HEATER, KEROSENE HDS	CO	.12LB/MMBTU	B*	
				NOX	.29LB/H	B*	
			HEATER, NAPTHA HDS	CO	.02LB/MMBTU	B*	
				NOX	2.00LB/H	B*	
			HEATER, REFORMER	CO	.12LB/MMBTU	B*	
				NOX	.63LB/H	B*	
			HEATER, TAIL GAS UNIT	CO	.02LB/MMBTU	B*	
				NOX	4.20LB/H	B*	
			HEATER, VACUUM CHARGE	CO	.12LB/MMBTU	B*	
				NOX	2.22LB/H	B*	
			INCIN.	CO	.02LB/MMBTU	B*	
				NOX	14.80LB/H	B*	
			REBOILER, CRUDE UNIT	CO	.12LB/MMBTU	B*	
				NOX	.11LB/H	B*	
			REBOILER, DIESEL HDS	CO	.02LB/MMBTU	B*	
				NOX	.92LB/H	B*	
				NOX	.02LB/MMBTU	B*	
				NOX	5.40LB/H	B*	
				CO	.12LB/MMBTU	B*	
				CO	.30LB/H	B*	
				NOX	.02LB/MMBTU	B*	
				NOX	2.30LB/H	B*	
				CO	.15LB/MMBTU	B*	
				CO	.99LB/H	B*	
				NOX	.02LB/MMBTU	B*	
				NOX	6.60LB/H	B*	
				CO	.12LB/MMBTU	B*	
				CO	.18LB/H	B*	
				NOX	.02LB/MMBTU	B*	
				NOX	1.20LB/H	B*	
					.12LB/MMBTU	B*	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE:	5.5 PETROLEUM REFINING - AUXILIARY		REPORT DATE 04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ PROCESS MOD DESCRIPTION	EMISSION LIMITATIONS	& BASIS
CONOCO, INC.	LA (R)PSD-LA-419	120000.00BBL/D	M HEATER, HDS CHARGE HEATER, INTERPASS HEATER, INTERPASS HEATER, REFORMER CHARGE REBOILER, DEPROPANIZER REBOILER, HDS STRIPPER	NOX .12LB/MMBTU NOX .12LB/MMBTU NOX .12LB/MMBTU NOX .12LB/MMBTU NOX .12LB/MMBTU	B*
CONOCO, INC.	LA (R)PSD-LA-390	100000.00BBL/D	M COKER HEATERS, 2 DELAYED REG. HEATER, CRACKED DISTIL HYDRO* HEATER, HEAVY VACUUM GAS OIL* INCIN., SULFUR RECOVERY PLANT	NOX .12LB/MMBTU NOX .12LB/MMBTU NOX .12LB/MMBTU	B*
CRA, INC.	KS	48000.00BBL/D	M HEATER, UNIT 40 (RETROFIT) HEATER, UNIT 41 (BUILT, BUT * HEATER, UNIT 42 (RELOCATE) HEATER, UNIT 43 (RELOCATE) HEATER, UNIT 44 (NEW) HEATER, UNIT 45 (NEW)	NOX .13LB/MMBTU NOX .15LB/MMBTU NOX .16LB/MMBTU NOX .13LB/MMBTU NOX .13LB/MMBTU	B*
DIAMOND SHARROCK CORP.	TX TX-346	60000.00BBL/D	M FCCU REGEN STACK, 2	CO 195.00LB/H NOX 24.40LB/H PH 22.70LB/H	B* B* B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS		& BASIS
DIAMOND SHARROCK CORP.	(CONTINUED)					
FRIENDSWOOD REFIN.	TX (R)PSD-TX-367	30000.00BPSD	H BOILER	CO NOX PM SO2	.01LB/MMBTU .10LB/MMBTU .01LB/MMBTU .02LB/MMBTU	B*
			CO BOILER COMPLEX	CO NOX SO2	175.50LB/H 103.50LB/H 48.00LB/H	N*
				PM	24.00LB/H	B*
			FCCU REGENERATOR HEATERS, 4	CO NOX PM SO2	.01LB/MMBTU .10LB/MMBTU .00LB/MMBTU .02LB/MMBTU	B*
			SULFUR RECOVERY UNIT	NOX	9.15LB/H	B*
GETTY OIL CO.	CA SJ-81-11	350.00MMBTU/H	M STEAM GENERATOR, 7	NOX	.15LB/MMBTU PER G*	
GOOD HOPE REFIN., INC.	LA	350000.00BPSD	M CRUDE HEATER	CO NOX	4.50LB/H .01LB/MMBTU	B*
				PM	.12LB/MMBTU	B*
				SO2	.01LB/MMBTU	B*
					6.10LB/H	N*
			DEMEX HEATER	CO NOX	.02LB/MMBTU .01LB/MMBTU .00LB/H	N*
					.40LB/H .12LB/MMBTU	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY				REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
FCCU FURNACE					PM	.30LB/H	B*
FCCU FURNACE					SO2	.011B/MMBTU	B*
FCCU FURNACE						.50LB/H	N*
FCCU FURNACE						.02LB/MMBTU	H*
FCCU FURNACE					CO	.60LB/H	B*
FCCU FURNACE						.01LB/MMBTU	B*
FCCU FURNACE					NOX	.60LB/H	B*
FCCU FURNACE						.01LB/MMBTU	B*
FCCU FURNACE					NOX	.5.40LB/H	B*
FCCU FURNACE						.12LB/MMBTU	B*
FCCU FURNACE					NOX	.12LB/MMBTU	B*
FCCU FURNACE						.4.70LB/H	B*
FCCU FURNACE					PM	.12LB/MMBTU	B*
FCCU FURNACE						.50LB/H	B*
FCCU FURNACE					PM	.01LB/MMBTU	B*
FCCU FURNACE						.60LB/H	B*
FCCU FURNACE					PM	.01LB/MMBTU	B*
FCCU FURNACE						.90LB/H	N*
FCCU FURNACE					SO2	.02LB/MMBTU	N*
FCCU FURNACE						.02LB/MMBTU	N*
FCCU REGENERATOR					SO2	.70LB/H	N*
REFORMER STABILIZER					CO	.02LB/MMBTU	N*
REFORMER STABILIZER					NOX	.138.60LB/H	N*
REFORMER STABILIZER					PM	242.60LB/H	B*
REFORMER STABILIZER						64.90LB/H	N*
REFORMER STABILIZER					SO2	761.70LB/H	B*
REFORMER STABILIZER					CO	.40LB/H	B*
REFORMER STABILIZER					NOX	.01LB/MMBTU	B*
REFORMER STABILIZER						3.10LB/H	B*
REFORMER STABILIZER						.12LB/MMBTU	B*
REFORMER STABILIZER					PM	.30LB/H	B*
REFORMER STABILIZER						.01LB/MMBTU	B*
REFORMER STABILIZER					SO2	.50LB/H	N*
REFORMER STABILIZER						.02LB/MMBTU	N*
REFORMER STABILIZER						.001LB/H	B*
REFORMER STABILIZER						.01LB/MMBTU	B*
REFORMER STABILIZER						3.10LB/H	B*
REFORMER STABILIZER						.12LB/MMBTU	B*
REFORMER STABILIZER						.30LB/H	B*
STRIPPER REBOILER					CO	.01LB/MMBTU	B*
STRIPPER REBOILER					NOX	.01LB/MMBTU	B*
STRIPPER REBOILER					PM	.12LB/MMBTU	B*
STRIPPER REBOILER						.30LB/H	B*

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY
 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SULFUR PLANT INCIN.					
VACUUM COLUMN FURNACE					
	SO2		.01LB/MMBTU		B*
			.50LB/H		N*
	CO		.02LB/MMBTU		N*
			12.80LB/H		N*
			3.50LB/H		B*
	NOX		.01LB/MMBTU		B*
			29.30LB/H		B*
			.12LB/MMBTU		B*
	PM		.12LB/MMBTU		B*
			2.60LB/H		B*
			.01LB/MMBTU		B*
	SO2		4.70LB/H		H*
			.02LB/MMBTU		N*
			.60LB/H		B*
	NOX		.01LB/MMBTU		B*
			4.80LB/H		B*
			.12LB/MMBTU		B*
	PM		.40LB/H		B*
			.01LB/MMBTU		B*
			.80LB/H		N*
	SO2		.02LB/MMBTU		N*
			70.40LB/H		N*
H HEATERS, 4 EA					
TREATING UNIT, SCOT TAIL GAS					
GULF OIL CO.	TX (R)PSD-TX-214				
M CATALYTIC DEWAXING UNIT #1944					
GULF OIL CO.	TX TX-342				

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE:	5.5 PETROLEUM REFINING - AUXILIARY	REPORT DATE	04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW / MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
GULF OIL CO. (CONTINUED)						
				GULFINING UNIT #244	SO2 NOX	.30LB/MMBTU .60LB/H
				LUBE VACUUM UNIT #147	SO2 NOX	.30LB/MMBTU .90LB/H
				SOLVENT DEWAXING UNIT	SO2 NOX	.30LB/MMBTU .60LB/H
				SOLVENT EXTRACTION UNIT #1843	SO2 NOX	.03LB/MMBTU .40LB/H
				H HEATER, CRUDE OIL, #4	P1 SO2 NOX	.10LB/H .40LB/MMBTU
HAWAIIAN INDEPEND. REFIN.	HI (R)HI 81-01			REFORMER FURNACE, H2 GEN. PL*	P1 SO2 NOX	.001LB/H .12LB/MMBTU
HIGH PRAIRIE ENERGY CO.	MT	2.00MMSCFD	N	INCINERATOR	P1 SO2 NOX	.001LB/H .17LB/MMBTU
HILL PETROLEUM	LA (R)PSD-LA-286A	66550.00BPSD	H	COMPRESSOR SEALS HEATER	VOC VOC	.40LB/H .001LB/MMBTU
						B*
						B*
						B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE:	5.5 PETROLEUM REFINING - AUXILIARY				REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
INDEPENDENT REFIN.	TX (R)PSD-TX-368	50.00MBPSD	N	HEATERS, 6 REBOILER	VOC NOX	.00LB/MMBTU .11LB/MMBTU .11LB/MMBTU
LONGVIEW REFIN.	TX PSD-TX-364	300.00.00BPSD	N	BOILERS, 2	CO NOX	.02LB/MMBTU .12LB/MMBTU .01LB/MMBTU
				FCC REGENERATOR	PM SO2 CO	.03LB/MMBTU 79.50LB/H 32.70LB/H
				HEATERS, 25	PM SO2 CO NOX PM SO2	10.60LB/H 190.30LB/H .02LB/MMBTU .12LB/MMBTU .01LB/MMBTU
				SULFUR RECOVERY UNIT TURBINE, 3	CO NOX PM SO2	.49G/HP-H 1.30G/HP-H .076/HP-H .126/HP-H
MARATHON OIL CO.	IL C 8005034		N	HEATER	NDX PM SO2	.30LB/MMBTU .10LB/MMBTU .80LB/MMBTU

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE:	5.5 PETROLEUM REFINING - AUXILIARY			REPORT DATE 04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
MARATHON OIL CO.	TX TX-241			H HEATER, CRUDE	HEATERS	NOX .30LB/MMBTU PM .10LB/MMBTU SO2 1.00LB/MMBTU
NATIONAL COOP. REFIN. AS* KS	700000.00BBBL/D			H PROCESS HEATER, UNIT HF-009 PROCESS HEATER, UNIT HF-010 PROCESS HEATER, UNIT HP-012	NOX 36.74LB/H N. GAS NOX .22LB/MMBTU N. GAS B* NOX 52.50LB/H FUEL OIL B* SO2 .30LB/H MMBTU FUEL * B* SO2 4.30LB/H N. GAS H* SO2 .03LB/MMBTU N. GAS H* SO2 115.80LB/H FUEL OIL H* SO2 .66LB/MMBTU FUEL * H*	
NEDERLAND PROCESSING CO.	TX TX-262	35.00MBPSD	N	BOILER	CO 6.20LB/H OIL CO .04LB/MMBTU OIL CO 2.60LB/H GAS NOX .02LB/MMBTU GAS B* NOX 51.00LB/H OIL B* NOX .30LB/MMBTU OIL B* NOX 20.40LB/H GAS B* PM .12LB/MMBTU GAS B* PM 8.90LB/H OIL B* PM .05LB/MMBTU OIL B* PM 2.30LB/H GAS B* SO2 .011B/MMBTU GAS B* SO2 79.30LB/H OIL B* SO2 .47LB/MMBTU OIL B* SO2 4.20LB/H GAS B* VOC .03LB/MMBTU GAS B* VOC 1.20LB/H OIL B* VOC .01LB/MMBTU OIL B* VOC .50LB/H GAS B* VOC .01LB/MMBTU GAS B*	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

NEDERLAND PROCESSING CO. (CONTINUED)						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS & BASIS
		Cooling Tower FCCU Regen		VOC CO	3.60LB/H 73.50LB/H	B*
					500.00PPHIV, LESS THAN	N*
				NOX PM	31.50LB/H 8.40LB/H	H*
					1.00LB/MMBTU COKE	N*
				SO2 VOC	42.70LB/H 7.90LB/H	H*
					2.10LB/H	B*
		FLANGES, 3650 FLARE ISOSTRIPPER REBOILER		CO	3.30LB/H OIL .04LB/MMBTU OIL	B*
					1.40LB/H GAS	B*
				CO	.02LB/MMBTU GAS	B*
				NOX	27.00LB/MMBTU OIL	B*
					.30LB/MMBTU OIL	B*
				NOX	10.80LB/H GAS	B*
					.12LB/MMBTU GAS	B*
				PM	4.70LB/H OIL	B*
					.05LB/MMBTU OIL	B*
				PM	1.20LB/H GAS	B*
					.01LB/MMBTU GAS	B*
				SO2	42.00LB/MMBTU GAS	B*
					.47LB/MMBTU OIL	B*
				SO2	2.10LB/H GAS	N*
					.02LB/MMBTU GAS	N*
				VOC	.70LB/H OIL	B*
					.01LB/MMBTU OIL	B*
				VOC	.20LB/H GAS	B*
					.01LB/MMBTU GAS	B*
		OIL/WATER SEP		VOC	3.60LB/H	B*
		PUMPS -- HEAVY LIQUID, 7		VOC	.30LB/H	B*
		PUMPS -- LIGHT LIQUID, 58		VOC	2.00LB/H	B*
		STORAGE TANKS, 6		VOC	7.80LB/H TOTAL	B*
		SULFUR PLANT		NOX	.30LB/H	B*
					.12LR/MMBTU	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE:	5.5 PETROLEUM REFINING - AUXILIARY			REPORT DATE 04/29/1993		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
		VACUUM UNIT FURNACE			SO2 2.20LB/H CO 5.50LB/H OIL .04LB/MMBTU OIL	B*
					CO 2.30LB/H GAS .02LB/MMBTU GAS	B*
					NOX 45.00LB/H OIL .30LB/MMBTU OIL	B*
					NOX 18.00LB/H GAS .12LB/MMBTU GAS	B*
					PM 7.90LB/H OIL .05LB/MMBTU OIL	B*
					PM 2.00LB/H GAS .01LB/MMBTU GAS	B*
					SO2 70.00LB/H OIL .47LB/MMBTU OIL	B*
					SO2 3.50LB/H GAS .02LB/MMBTU GAS	N*
					VOC 1.10LB/H OIL .01LB/MMBTU OIL	L*
					VOC .40LB/H GAS .01LB/MMBTU GAS	B*
		VALVES -- GAS VAPOR, 396			2.10LB/H GAS	B*
		VALVES -- HEAVY LIQUID, 357			.20LB/H	B*
		VALVES -- LIGHT LIQUID, 268			.90LB/H	B*
PETRACO VALLEY OIL & REF* TX TX-236	N BOILER			CO 2.30LB/H .01LB/MMBTU	B*	
				NOX 31.70LB/H .12LB/MMBTU	B*	
				PM 1.90LB/H .01LB/MMBTU	B*	
				SO2 3.40LB/H .01LB/MMBTU	N*	
				VOC .40LB/H .00LB/MMBTU	B*	
	COKER HEATER			CO 4.70LB/H .01LB/MMBTU	B*	

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

PETRACO VALLEY OIL & REFINERY (CONTINUED)							REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/OLD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS	
FCCU REGENERATOR							
				NOX	48.10LB/H .12LB/MMBTU	B*	
				PM	3.00LB/H	B*	
				SO2	.01LB/MMBTU 6.70LB/H	B*	
				VOC	.02LB/MMBTU .90LB/H	B*	
				CO	.001LB/MMBTU 61.20LB/H	H*	
				NOX	.05% BY VOL. 39.30LB/H	N*	
				PM	16.70LB/H	B*	
				SO2	1.00LB/MMBTU 116.90LB/H	B*	
				VOC	12.70LB/H	B*	
				CO	17.80LB/H	B*	
				NOX	78.80LB/H	B*	
				PM	.001LB/H	B*	
				SO2	112.10LB/H	B*	
				VOC	3.30LB/H	B*	
				CO	.10LB/H .01LB/MMBTU	B*	
				NOX	1.40LB/H .12LB/MMBTU	B*	
				PM	.10LB/H .01LB/MMBTU	B*	
				SO2	.20LB/H .02LB/MMBTU	B*	
				CO	4.60LB/H .01LB/MMBTU	B*	
				NOX	51.30LB/H .12LB/MMBTU	B*	
				PM	3.20LB/H .01LB/MMBTU	B*	
				SO2	6.80LB/H .01LB/MMBTU	N*	

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SOURCE TYPE CODE:	5.5 PETROLEUM REFINING - AUXILIARY				REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
		HEATER, HF ALK ISOSTripper	R*	CO	VOC .80LB/H B*
					.001LB/MMBTU
					2.70LB/H B*
					.01LB/MMBTU B*
					28.00LB/H B*
					.12LB/MMBTU B*
					1.70LB/H B*
					.01LB/MMBTU B*
					4.00LB/H NP
					.02LB/MMBTU NP
					.50LB/H B*
					.001LB/MMBTU B*
					4.10LB/H B*
					.01LB/MMBTU B*
					42.30LB/H B*
					.12LB/MMBTU B*
					2.70LB/H B*
					.01LB/MMBTU B*
					6.10LB/H NP
					.02LB/MMBTU NP
					.80LB/H B*
					.001LB/MMBTU B*
					1.70LB/H B*
					.01LB/MMBTU B*
					17.60LB/H NP
					.12LB/MMBTU B*
					.30LB/H B*
					.001LB/MMBTU B*
					1.90LB/H B*
					.02LB/MMBTU NP
					.01LB/MMBTU B*
					19.60LB/H B*
					.12LB/MMBTU B*
					1.20LB/H B*

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SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY				REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
				.01LB/MMBTU	B*
				.01LB/H	N*
				.01LB/MMBTU	H*
				.40LB/H	B*
				.001LB/MMBTU	B*
				.20LB/H	B*
				.01LB/MMBTU	B*
				.01LB/H	B*
				1.70LB/H	B*
				.12LB/MMBTU	B*
				.10LB/H	B*
				.01LB/MMBTU	B*
				.30LB/H	N*
				.02LB/MMBTU	N*
				.02LB/H	B*
				26.80LB/H	B*
				.01LB/MMBTU	B*
				321.90LB/H	B*
				.12LB/MMBTU	B*
				53.20LB/H	B*
				.01LB/MMBTU	B*
				570.90LB/H	B*
				.02LB/MMBTU	B*
				5.30LB/H	B*
				.001LB/MMBTU	B*
				.10LB/H	B*
				.01LB/MMBTU	B*
				.60LB/H	B*
				.12LB/MMBTU	B*
				.10LB/H	B*
				.01LB/MMBTU	B*
				2.30LB/H	B*
				.01LB/MMBTU	B*
				26.20LB/H	B*
				.12LB/MMBTU	B*
				1.70LB/H	B*
				.01LB/MMBTU	B*
				3.50LB/H	N*
				.02LB/MMBTU	N*

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SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY				REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
PETRACO VALLEY OIL & REFINERY (CONTINUED)					
			INCIN., SULFUR PLANT	VOC .40LB/H CO .00LB/MMBTU NOX .40LB/H PM .01LB/MMBTU SO2 67.40LB/H	B*
				VOC .40LB/MMBTU CO .01LB/MMBTU NOX 1.40LB/MMBTU PM .40LB/H SO2 .01LB/MMBTU	B*
				VOC 26.00LB/H NOX .02% BY VOL. PM .10LB/H SO2 .00LB/MMBTU	H*
			REGENERATOR, PLATFORER CAT.	SO2 .10LB/H	B*
PHILLIPS PETROLEUM CO.	TX PSD-TX-102M-1	130000.00BPSD	M CO BOILERS, 2	CO .02LB/MMBTU NOX 1.90LB/MMBTU PM .31LB/MMBTU SO2 .10LB/MMBTU	
			CRUDE OIL TANKS, 3 FUGITIVE HEATERS, 4	VOC .00LB/MMBTU NOX 1.83T/YR EA PM 140.00T/YR SO2 .03LB/MMBTU VOC .02LB/MMBTU NOX .14LB/MMBTU PM .01LB/MMBTU SO2 .03LB/MMBTU VOC .00LB/MMBTU	
			I.C. COMPRESSOR	CO 1.39G/HP-H NOX 10.90G/HP-H PM .02G/HP-H SO2 .10G/HP-H VOC 4.42G/HP-H	
			I.C. ENGINE, 2	CO .02LB/MMBTU GAS PM .03LB/MMBTU OIL SO2 .14LB/MMBTU GAS VOC .40LB/MMBTU OIL	

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS & BASIS
PROCESS REFIN. CO.	CA SJ-78-27	10000.00BBBL/D	H	BOILER, 2 EA CRUDE HEATER VACUUM HEATER	NOX NOX NOX	.27LB/MMBTU .27LB/MMBTU .27LB/MMBTU
PROVIDENT ENERGY CO.	AZ (R)AZP79-02	50.00MBPSD	N	BOILER AND HEATER CLAUS SULFUR RECOVERY UNIT FCC UNIT & CATALYST REGEN.	NOX	.43LB/MMBTU 2H AV
SABER REFIN.	TX (R)PSD-TX-324	100.00MBPSD	H	FURNACES, 5	PM CO NOX PM CO NOX PH CO NOX PH CO NOX PH	1.00LB/MMBTU COKE BU* .02LB/MMBTU .12LB/MMBTU B* .01LB/MMBTU B* .01LB/MMBTU N* .02LB/MMBTU B* .12LB/MMBTU B* .01LB/MMBTU B* .01LB/MMBTU H* 178.00PPM N* 203.00LB/H B* 5.60LB/H B*

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	PROCESS		EMISSION LIMITATIONS	& BASIS
SIGNORE REFIN. CO.	TX (R)PSD-TX-331	47.00MBPSD	H BOILERS	REBOILERS, 2	SO2	178.00PPM	H*
					CO	.02LB/MMBTU	B*
					NOX	.12LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
				REFORMERS, 2	SO2	.01LB/MMBTU	N*
					CO	.02LB/MMBTU	B*
					NOX	.12LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.01LB/MMBTU	N*
				FCCU REGENERATOR	CO	90.12LB/H	B*
					NOX	37.01LB/H	B*
					PM	12.00LB/H	H*
				HEATER, #1 CRUDE	SO2	205.42LB/H	B*
					CO	2.13LB/H	B*
					NOX	9.34LB/H	B*
					PM	2.75LB/H	B*
				HEATER, #2 CRUDE UNIT	SO2	22.18LB/H	B*
					CO	.31LB/H	B*
					NOX	4.16LB/H	B*
					PM	.27LB/H	B*
				HEATER, CRUDE CHARGE	SO2	.01LB/H	B*
					CO	4.42LB/H	B*
					NOX	87.84LB/H	B*
					PM	8.83LB/H	B*
				HEATER, GAS OIL HDS CHARGE	SO2	103.14LB/H	B*
					CO	1.70LB/H	B*
					NOX	11.98LB/H	B*
					PM	.50LB/H	B*
				HEATER, LUBE CRUDE	SO2	2.68LB/H	B*
					CO	.18LB/H	B*
					NOX	2.48LB/H	B*
					PM	.06LB/H	B*

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SIGMORE REFIN. CO. (CONTINUED)						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS & BASIS
HEATER, NAPHTHA HDS CHARGE					SO2 .23LB/H CO .63LB/H NOX 4.46LB/H	B*
HEATER, VACUUM DISTILLATION					SO2 1.001LB/H CO 2.50LB/H NOX 20.80LB/H	B*
HEATER, VISBREAKER CHARGE					PM 1.60LB/H	B*
HEATER, VISBREAKER CHARGE					SO2 19.49LB/H	B*
HEATER, VISBREAKER CHARGE					CO 1.35LB/H	B*
HEATER, VISBREAKER CHARGE					NOX 26.95LB/H	B*
HEATER, VISBREAKER CHARGE					PM 26.95LB/H	B*
HEATER, VISBREAKER CHARGE					PM 2.71LB/H	B*
HEATER, VISBREAKER CHARGE					PM 2.71LB/H	B*
HEATER, VISBREAKER CHARGE					SO2 31.64LB/H	B*
HEATER, VISBREAKER CHARGE					PM 31.64LB/H	B*
HEATER, 1ST REFORMER					SO2 1.03LB/H	B*
HEATER, 1ST REFORMER					CO 1.03LB/H	B*
HEATER, 1ST REFORMER					NOX 7.29LB/H	B*
HEATER, 2ND REFORMER					PM .31LB/H	B*
HEATER, 2ND REFORMER					SO2 1.63LB/H	B*
HEATER, 3RD REFORMER					CO .92LB/H	B*
HEATER, 3RD REFORMER					NOX 6.47LB/H	B*
HEATER, 3RD REFORMER					PM .27LB/H	B*
HEATER, 3RD REFORMER					SO2 1.45LB/H	B*
HEATER, 4TH REFORMER					CO .46LB/H	B*
HEATER, 4TH REFORMER					NOX 3.23LB/H	B*
HEATER, 4TH REFORMER					PM .14LB/H	B*
REBOILER, DEETHANIZER					SO2 .72LB/H	B*
REBOILER, DEETHANIZER					CO .23LB/H	B*
REBOILER, DEETHANIZER					NOX 1.62LB/H	B*
REBOILER, DEETHANIZER					PM .07LB/H	B*
REBOILER, DEETHANIZER					SO2 .36LB/H	B*
REBOILER, DEETHANIZER					CO .44LB/H	B*
REBOILER, DEETHANIZER					NOX 3.09LB/H	B*
REBOILER, DEETHANIZER					PM .13LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE	SOURCE NAME	STATE & PERMIT	SOURCE SIZE	NEW/ FUD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
	REBOILER, ISOSTripper				SO2 CO NOX PH	.69LB/H 1.65LB/H 32.87LB/H 3.31LB/H	B* B* B* B*
	REBOILER, KEROSENE HDS STRIP*				CO NOX PM	38.60LB/H .24LB/H	B* B*
	REBOILER, NAPHTHA SPLITTER				CO NOX PM	1.67LB/H .07LB/H	B* B*
	REBOILER, NAPHTHA STABILIZER				CO NOX PM	.37LB/H .47LB/H	B* B*
	REBOILER, REFORMER STABILIZER				CO NOX PM	3.34LB/H .14LB/H	B* B*
					SO2 CO NOX PM	.75LB/H .66LB/H	B* B*
					SO2 CO NOX PM	13.14LB/H 1.32LB/H	B* B*
					SO2 CO NOX PM	15.42LB/H .28LB/H	B* B*
					SO2 CO NOX PM	2.01LB/H .08LB/H	B* B*
					SO2 CO NOX PM	.45LB/H .45LB/H	B* B*
SOUTHERN UNION REFIN.	NM NM-350	31500.00BPSD	M HEATER, 13 EA		NOX PH SO2 SO2	.12LB/MMBTU .01LB/MMBTU GAS .03LB/MMBTU .84LB/H	B* B* B* B*
STANDARD OIL	OH 03-1138		SULFUR RECOVERY UNIT				
	N HEATER A				CO HO2 CO HO2	.02LB/MMBTU .15LB/MMBTU	
					PM SO2 CO	.01LB/MMBTU .02LB/MMBTU	
	HEATER B				PM SO2 CO	.03LB/MMBTU .15LB/MMBTU	
					PH SO2 CO	.01LB/MMBTU .02LB/MMBTU	
	HEATER C				NO2	.02LB/MMBTU .15LB/MMBTU	

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SOURCE TYPE CODE

5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY						REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
(CONTINUED)							
SUNOCO	PA 78PA10	63.00MMBTU/H	H	HEATER/BOILER	PM SO2	.011LB/MMBTU .02LB/MMBTU	B*
TENNECO	LA PSD-LA-199		H	BOILERS, 13 CO BOILER	CO CO	.02LB/MMBTU GAS .01LB/MMBTU OIL .02LB/MMBTU GAS .03LB/MMBTU OIL	B* B* B* B*
TEXACO, INC.	LA (R)PSD-LA-420	100000.00BBPSD	H	ACID GAS INCIN. ERG INCINERATOR HEATERS, 15 EA	CO CO	.02LB/MMBTU GAS .03LB/MMBTU OIL	B* B*
TEXACO, INC.	LA (R)PSD-LA-378	140000.00BBPSD	H	INCIN., 3 EA MTU-CRU FLUE GAS COOLER POWER RECOVERY STACK	CO CO	.04LB/MMBTU .02LB/MMBTU	B*
TEXACO, INC.	TX TX-141		H	FCCU FLUE GAS SCRUB./SULFUR RECOV* HEATER #1407	SO2 SO2	.93LB/MMBTU .02LB/MMBTU .03LB/MMBTU	B* B* B*
TOSCO CORP.	CA (R)SJ-78-26		H	CO BOILER	CO NOX SO2	.45.70LB/H 41.00LB/H .50% S FUEL	L* B* L*
UNI OIL	TX (R)PSD-TX-229	10000.00BBBL/D	H	BOILER, PACKAGE	CO NOX	.71LB/H .01LB/MMBTU 7.94LB/H	B* B* B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY			REPORT DATE 04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
FCC UNIT	CO	PM	PM	1.59LB/H	B*
			SO2	.02LB/MMBTU	B*
			VOC	.79LB/H	N*
			NOX	.01LB/MMBTU	N*
			PM	.06LB/H	B*
	CO	PM	SO2	.001LB/MMBTU	B*
			VOC	.001LB/MMBTU	H*
			NOX	29.40LB/H	B*
			PM	12.000LB/H	N*
			PM	1.000LB/MMLB COKE BU*	N*
HEATER, HDS	CO	PM	SO2	64.10LB/H	N*
			VOC	2.60LB/H	B*
			CO	1.67LB/H	B*
			NOX	.04LB/MMBTU	B*
			PM	10.90LB/H	B*
	CO	PM	SO2	.27LB/MMBTU	B*
			VOC	1.43LB/H	B*
			CO	.04LB/MMBTU	B*
			NOX	.48LB/H	N*
			PM	.01LB/MMBTU	N*
HEATER, ISO STRIPPER	CO	PM	SO2	.01LB/MMBTU	B*
			VOC	.001LB/MMBTU	B*
			CO	1.11LB/H	B*
			NOX	.03LB/MMBTU	B*
			PM	6.85LB/H	B*
	CO	PM	SO2	.18LB/MMBTU	B*
			VOC	.87LB/H	B*
			CO	.02LB/MMBTU	B*
			NOX	.63LB/H	N*
			PM	.08LB/MMBTU	N*
HEATER, REFORMER	CO	PM	VOC	.16LB/MMBTU	B*
			CO	.001LB/MMBTU	B*
			NOX	.04LB/MMBTU	B*
			PM	43.80LB/H	B*

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY				REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS			
		SOURCE SIZE					
				SO2 .001LB/MMBTU 1.90LB/H .01LB/MMBTU .01LB/MMBTU	B*	N*	N*
			VOC .80LB/H .01LB/MMBTU .01LB/MMBTU	B*	B*	B*	B*
			HEATER, VACUUM CO 1.67LB/H .03LB/MMBTU .03LB/MMBTU	B*	B*	B*	B*
			NOX 11.60LB/H 11.60LB/MMBTU 1.17LB/MMBTU	B*	B*	B*	B*
			PM 1.51LB/H .02LB/MMBTU .02LB/MMBTU	B*	B*	B*	B*
			SO2 1.27LB/H .02LB/MMBTU .02LB/MMBTU	N*	N*	N*	N*
			VOC .02LB/MMBTU .16LB/H .001LB/MMBTU	B*	B*	B*	B*
			REGENERATOR, HYDROTREATER CA* PM .79LB/H SO2 .24LB/H NOX .08LB/H	B*	B*	N*	B*
			TAIL GAS INCIN SO2 39.70LB/H	B*	B*		
VENTECH REFIN.	LA (R)PSD-LA-232	46500.00BPSD	N CATALYTIC REGEN	CO 104.70LB/H NOX 66.60LB/H PM 14.60LB/H SO2 265.20LB/H VOC 2.20LB/H	B*	B*	B*
			FCCU FURNACE	CO .02LB/MMBTU NOX .23LB/MMBTU PM .02LB/MMBTU SO2 .03LB/MMBTU VOC .01LB/MMBTU	N*	N*	N*
				SO2 2.10LB/H CO .02LB/MMBTU NOX .02LB/MMBTU PM .02LB/MMBTU SO2 .03LB/MMBTU VOC .01LB/MMBTU	N*	B*	B*
			SULFUR RECOVERY PLANT VACUUM FURNACE				

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY				REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
5.6 PETROLEUM REFINING - ENTIRE OPERATION							
GARY WESTERN REFIN.	CO	21.00MBBL/D	H	BOILER #4 CRUDE UNIT DISTILLATE HDS GILSONITE MELT HYDROCRACKER MARUZEN LUMMIS NEW H2 PLANT PLATFORMER SUL RECOV PLANT SUL RECOV PLANT	NOX NOX NOX NOX NOX NOX NOX NOX NOX NOX SO2	8.41LB/H 5.31LB/H 3.42LB/H 3.60LB/H 6.02LB/H 1.44LB/H 13.32LB/H 10.09LB/H .36LB/H 250.00FPM	B*
VAP. REC. GAS CONT.					NOX	60.10LB/H	B*
				N FLARING GEN,UTILITY STEAM,STACK 3	NOX CO	1.26LB/H 8.00LB/H 20.00LB/H	B*
HAMPTON ROADS ENERGY CO.	VA 78VA01	184000.00BPSD			NO2 PM SO2	106.00LB/H 34.00LB/H 180.00LB/H	B*
				HEATER, ATMOS. CRUDE DISTIL,*	CO NOX PM	95.00LB/H 17.00LB/H 29.00LB/H	B*
					NOX PM SO2	152.00LB/H 17.00LB/H 97.00LB/H	N*
				HEATER, CATALYTIC REFORMER, *	CO NOX PM	29.00LB/H 152.00LB/H 152.00LB/H	B*
				HEATER, DISTILLATE HDS, STAC*	CO NOX PM	4.00LB/H 24.00LB/H 7.00LB/H	B*
				HEATER, HYDROGEN PLANT, STAC*	CO	39.00LB/H 25.00LB/H	N*

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SOURCE TYPE CODE 5.6

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.6 PETROLEUM REFINING - ENTIRE OPERATION						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
HESS OIL - VIRGIN ISLANDS VI	NONE	750.00MBPSD	M	FCC UNIT, 2	CO NOX PM SO2	B*
					500.00PPM VOL 175.00PPM 2% O2 .80LB/MMBTU COKE BU* .60% BY WT.	B*
HILL PETROLEUM CO.	LA (R)PSD-LA-286A		M	BOTLER	CO	B*
					.20LB/MMBTU GAS .30LB/MMBTU OIL .20LB/MMBTU GAS .30LB/MMBTU OIL .10LB/MMBTU H2S,GAS .10GR/DSCF H2S,GAS	B*
					.50% S OIL -20LB/MMBTU GAS .30LB/MMBTU OIL	N* B*
					4.00LB/MMBTU GAS	B*

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SOURCE TYPE CODE 5.6

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.6 PETROLEUM REFINING - ENTIRE OPERATION					REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					1.50LB/MMBTU PROPA*	
					.10LB/MMBTU GAS	
					.11LB/MMBTU PROPA*	
				HEATER, HYDROTREATER CHARGE	CO NOX	4.00LB/MMBTU
						.06LB/MMBTU GAS
				HEATER, HYDROTREATER STABILIZ*	CO NOX	4.00LB/MMBTU PROPA*
						1.50LB/MMBTU GAS
						.06LB/MMBTU PROPA*
				HEATER, REFORMER CHARGE	CO NOX	.04LB/MMBTU PROPA*
						4.00LB/MMBTU GAS
						1.50LB/MMBTU PROPA*
				Liquid Petroleum Barges		
				Liquid Petroleum Pumps		
				LIQ. STORAGE TANKS (< 11.1 P*		4.00LB/MMBTU GAS
				LIQ. STORAGE TANKS (> 11.1 P*		1.50LB/MMBTU PROPA*
				REBOILER, REFORMER STABILIZER	CO NOX	.06LB/MMBTU GAS
						.04LB/MMBTU PROPA*
						4.00LB/MMBTU
						.06LB/MMBTU
MIAMI VALLEY REFIN. CO.	IN PC(15)1485	N	FBC	COAL FIRED BOILER	P#	.06LB/MMBTU
MITCHELL ENERGY	TX (R)PSD-TX-139	10.00MBPSD	N	BOILER CRUDE UNLOAD DIESEL STORAGE TANKS, 2 FLARE HEATERS, 2 KEROSENE STORAGE TANKS, 2 NATURAL GAS TANKS, 2 PROCESS DRAINS PRODUCT UNLOAD PUMP SEALS	S02	.14LB/MMBTU
					VOC	.001LB/MMBTU
					VOC	2.62LB/MMBTU
					VOC	.12LB/MMBTU
					VOC	.05LB/MMBTU
					VOC	.001LB/MMBTU
					VOC	.16LB/MMBTU
					VOC	.37LB/MMBTU
					VOC	.16LB/MMBTU
					VOC	.148LB/MMBTU
					VOC	4.17LB/MMBTU

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SOURCE TYPE CODE 5.6

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.6 PETROLEUM REFINING - ENTIRE OPERATION						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SUNLAND REFIN. CORP.	CA SJ-79-22			RESIDUE STORAGE TANKS VALVES & FLANGES	VOC VOC	.011B/MMBTU 11.70LB/MMBTU B*
				H COMBUSTION SOURCES	NOX SO2 VOC	50.00PPM 3% O2 .03GR/DSCF H2S 30.00IG/L OF PRODUCT L*
				LOADING RACKS PRESSURE RELIEF VALVES PROCESS TURNAROUNDS STORAGE TANKS		
				SULFUR RECOVERY PLANT SUPPLY TANK TRUCKS	SO2	1.00LB/H L*
				VACUUM DEVICES VALVES/FLANGES/PUMPS/COMPRES*		
				WORK WATER SEPARATOR		
SIJANN OIL CO.	VA 78VA04	26000.00BPSD	N	BOILER, STEAM	CO NOX PM	.60LB/H 7.00LB/H .50LB/H B*
				EMERGENCY FLARE SYS	SO2	.20LB/H B*
				HEATER, CRUDE UNIT ATNOS.	NOX SO2 CO	.20LB/H .01LB/H 3.00LB/H B*
				HEATER, CRUDE UNIT VACUUM	PM SO2 CO	36.00LB/H 9.00LB/H 18.00LB/H B*
				HEATER, DISTILLATE HYDRODESU*	NOX PM SO2 CO	7.00LB/H 2.00LB/H .30LB/H 4.00LB/H B*
				HEATER, NAPHTHA HYDRODESULFU*	CO NOX PM	.30LB/H .10LB/H .30LB/H 4.00LB/H .30LB/H B*

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SOURCE TYPE CODE 5.6

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE:	5.6 PETROLEUM REFINING - ENTIRE OPERATION	REPORT DATE 04/29/1983				
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
VIRGIN ISLANDS REFINERY * VI NONE	200.00MBPSD	N API WASTE OIL SEPERATOR BOILERS, FOSSIL FIRED, 3		HEATER, NAPHTHA REFORMER	SO2 .10LB/H CO 1.00LB/H NOX 11.00LB/H PM 1.00LB/H SO2 .30LB/H	B*
				HEATER, VISBREAKER	CO 1.00LB/H NOX 17.00LB/H PM 4.00LB/H SO2 8.00LB/H	B*
				POWER PLANT, TANKER	CO 1.00LB/H NOX 64.00LB/H PM 14.00LB/H SO2 211.00LB/H	B*
				RECOVERY UNIT, CLAUS SULFUR	SO2 14.00LB/H	B*
					VOC 436.00T/YR CO 14.00T/YR NOX .20LB/MMBTU GAS .30LB/MMBTU OIL	B*
					PM .35LB/MMBTU SO2 20.00PFM H2S GAS .33% S BY WT., OIL	B*
				FCC UNIT	VOC 3.00T/YR CO 565.00T/YR NOX .30LB/MMBTU OIL .20LB/MMBTU ALT. *	B*
					PM 1.00LB/MMBTU COKE BU* .10LB/MMBTU SUPP.* SO2 79.00T/YR	L*
					VOC 3247.00T/YR CO 105.00T/YR NOX 1088.00T/YR	H*
				HYDROGEN PLANT	PM .35LB/MMBTU SO2 3.00T/YR VOC 19.00T/YR	B*
				INCINERATOR, MULTI-CHAMBER	PM .30LB/H	B*

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SOURCE TYPE CODE

5.6

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.6 PETROLEUM REFINING - ENTIRE OPERATION
 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
		MARINE LOAD & UNLOAD FACILITY	VOC	64.00T/YR	\$*	
		PETROLEUM LIQUID STORAGE TAN*	VOC	937.00T/YR	N*	
		PROCESS HEATERS	CO	369.00T/YR	B*	
			NOX	.30LB/1MBTU OIL	B*	
				.20LB/1MBTU ALT.	*	
		PUMPS, SEALS, VALVES, FLANGES	VOC	.35LB/1MBTU	B*	
		SULFUR RECOVERY PLANT	CO	3683.00T/YR	B*	
			NOX	72.00T/YR	B*	
				177.00T/YR	B*	
			VOC	29.00T/YR	B*	
				.30LB/1MBTU OIL	B*	
				.20LB/1MBTU, ALT.	B*	
		PUMPS, SEALS, VALVES, FLANGES	VOC	.35LB/1MBTU	B*	
		SULFUR RECOVERY PLANT	CO	365.00T/YR	N*	
			NOX	35.00T/YR	B*	

SOURCE TYPE CODE -- 5.7 BULK TERMINALS

AMOCO OIL CO., GRANVILLE	WI MAN-03-80-41-0*	N TERMINAL	VOC	30.00MG/L	L*
ASHLAND PETROLEUM CO.	KY C-81-37	TERMINAL	VOC	80.00MG/L	L*
BAYTANK INC., HOUSTON	TX 8865	BOTTOM FILL LOADING RACK	VOC	80.00MG/L GROUND LO*	
		N STORAGE TANKS, 49			
		WASTE WATER SEPARATOR, SEE N*			

SOURCE TYPE CODE -- 5.9 STORAGE OF PETROLEUM LIQUIDS

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.9 STORAGE OF PETROLEUM: LIQUIDS						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
MCKESSON CHEMICAL CO.	OK SEE NOTE			H DRUM FILLING FACILITY		
SOURCE TYPE CODE -- 5.11 TRANSPORT & MARKETING - PETROLEUM PRODUCTS						
ANR STORAGE CO.	MI 67-80		N	COMPRESSOR, NAT. GAS, 2 EA	NOX	12.00G/HP-H
COLUMBIA G/S TRANSMISSIO* OH 01230000137			N	NAT. GAS FIRED I. C. ENGINES	CO NOX VOC	2.00G/HP-H 5.00G/HP-H .30G/HP-H
CRYSEN REFINING, WESTERN* UT						
DEPT. OF THE NAVY	TX X3818	22600.00GAL/D	N	LOADING RACK/STORAGE TANKS, 2	NOX	150.00PPM
NORTHERN ALASKAN PIPELINE AK (R)PSD-X81-03*		2000.00MMCF/D	N	ELECT. GEN. TURBINE	NOX	15.00KG/H
				GLYCOL HEATER MISC.	NOX	43.00KG/J
				MAINLINE COMPRESSOR TURBINE	NOX	4.00KG/H
				REFRIG. COMPRESSOR TURBINE	NOX	150.00PPM
					NOX	80.00KG/H
						150.00PPM
						38.00KG/H
NORTHERN TIER	AK (R)PSD-X81-14	933.00MBBL/D	N			
SOURCE TYPE CODE -- 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS						
AMERADA HESS	TX (R)PSD-TX-328	55000.00HP	H	ENGINE, NAT. GAS, COMPRESSOR*	CO NOX	1.40G/HP-H 10.60G/HP-H
						B* B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS							REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ANOCO PRODUCTION CO.	ND			SEE NOTE N INCINERATOR STACK	SO2 .25T/YR VOC 53.00T/YR		B* B*
CHAMPLIN PETROLEUM CO.	TX TX-206	260.00MMCF/D	M I. C. ENGINE	NOX 19.20LB/H			B*
			I. C. ENGINE, 2	NOX 24.00LB/MMHP-H			B*
			I. C. ENGINE, 2	NOX 25.20LB/H EA			B*
				NOX 24.00LB/MMHP-H			B*
				NOX 16.40LB/H			B*
				NOX 24.00LB/MMHP-H			B*
CRYSTAL EXPLORATION CO., * MI 238-80E		3.09MMCF/D	N SWEETENING FACILITY				
DEUNI GAS PIPELINE CORP.	TX 8628	60.00MMCF/D	N GAS PROCESSING PLANT - GAS	H2S 1.30T/YR			
			GAS PROCESSING PLANT - SULFUR	NOX 10.00PPM			
				SO2 92.90T/YR			
				400.00PPM			
Enderco	AR PSD-704-A	11.50MMCF/D	M AMINE SWEETENING CLAUS	SO2 155.00LB/H			B*
EXXON CO., U.S.A.	TX (R)PSD-TX-362	24.00MMCF/D N.*	N DIETHENOLAMINE (DEA) REGEN. FLARE	SO2 .00LB/MMBTU			
			GLYCOL RECONCENTRATOR	SO2 129.35LB/H			
				SO2 .00LB/MMBTU			
LIQUID ENERGY CORP.	NM NM-389	60.00MMCF/D	N ENGINE, I.C. COMPRESSOR ENGINE, I.C. COMPRESSOR ENGINE, I.C. COMPRESSOR	NOX 3.40G/HP-H			
MAPCO PRODUCTION CO.	NM PSD-NM-576	M ACID GAS FLARE	NOX 3.40G/HP-H				
		ENGINE, I.C. COMPRESSOR	NOX 3.40G/HP-H				
		ENGINE, I.C. COMPRESSOR	NOX 3.40G/HP-H				
		ENGINE, I.C. COMPRESSOR	NOX 3.40G/HP-H				
PHILADELPHIA GAS WORKS	PA 78PA03	M BOILERS	NOX 74.00LB/H				B*
			PM 5.40LB/H				B*

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SOURCE TYPE CODE 5.12

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS						REPORT DATE 04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS	
PHILLIPS PETROLEUM CO.	ND	30.00MMCF/D	N	INCINERATOR STACK	SO2 VOC	75.00LB/H 91.00T/YR	B*	
PHILLIPS PETROLEUM CO.	NM (R)PSD-NM-389		N	ENGINE, I.C. COMPRESSOR, 2 EA	NOX	11.00G/HP-H	B*	
PHILLIPS PETROLEUM CO.	TX (R)PSD-TX-314		N	I.C. COMPRESSOR ENGINES TURBINE COMPRESSOR ENGINES	NOX NOX	12.40G/HP-H 1.80G/HP-H	B*	
PROCESS EQUIPMENT CORP.	MI 813-81		N	SOUR GAS SWEETENER	SO2	.01.10LB/MMSCF		
REPUBLIC REFINING CO.	MS (R)PSD-M-037	39.00MMBTU/H	N	NAT. GAS PROCESSING-SULFUR R*	SO2	.00LB/H EA	B*	
SID RICHARDSON CARBON & * TX 2724		117.00MMSCFD	N	NATURAL GAS TREATING PLANT	SO2	816.00T/YR		
WARREN PETROLEUM CO.	ND	24.00MMCF/D	N	INCINERATOR STACK	SO2	534.00LB/H	B*	
WARREN PETROLEUM CO.	NM (R)PSD-NM-156*	10.00MMCF/D	N	ACID GAS FLARE	SO2	703.00LB/H		
						.00LB/SCF		

SOURCE TYPE CODE -- 5.13 ASPHALT & ASSOCIATED PRODUCTS MFG./PROCESSING

B.A. CHILDS	UT MIN 083182-5T	130.00T/YR	N	DRUM DRYER	PM	.02GR/USCF
KERNIDGE OIL CO.	CA (R)SJ-79-26		N	OIL WELL VENTS - EXISTING OIL WELL VENTS - NEW STEAM GEN., 11 EA	VE	1.49LB/H 20.00% OPACITY

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.13 ASPHALT & ASSOCIATED PRODUCTS MFG./PROCESSING				REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
1.20% S FUEL OIL							

SOURCE TYPE CODE -- 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)							
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	TURBINE & WASTE HEAT BOILER	SOX	NOX
AMINOIL USA, INC.	CA NSR-4-4-9 LA-8*			M TURBINE & WASTE HEAT BOILER	BE	.00LB/H	14.00LB/H
BERRY HOLDING CO.	CA (R)SJ-79-17			H COMPRESSORS, RECIP. BOOSTER,* VOC COMPRESSOR, ROTARY SCREW, 2 EA VOC	10.50LB/H 3% 02 690.00PPM (AS CARBON)		B*
CHEVRON USA, INC.	CA NSR-4-4-8 SJ-7*	450.00MMBTU/H		H BOILERS, 9	PM	3.60LB/H	L*
GEOKINETICS INC., OIL SH* UT		426.00BBBL/D		GENERATOR	SO2	18.80LB/H	B**
				INCINERATOR	NOX	38.90LB/H	B*
					VE	20.00% OPACITY	
					NOX	45.10LB/H	B*
					SO2	135.30LB/H	B**
					VE	20.00% OPACITY	
MOBIL OIL EXPLORATION	AL AL-078	225.00MMSCFD	N	DIESEL ENGINES, 4 RIGS	CO	9.40LB/H-RIG	
					NOX	71.60LB/H-RIG	
					PM	3.40LB/H-RIG	
					SO2	7.30LB/H-RIG	
				NAT. GAS SULFUR REMOVAL PLATFORM GENERATORS, 5 EA., *	CO	200.00LB/H EA	B*
					NOX	146.00LB/H-PLATFORM	
					SO2	146.00LB/H-PLATFORM	
					NOX	1.00LB/H-PLATFORM	
					SO2	.20LB/MMBTU	
					NOX	2.20LB/H	
					SO2	.20LB/MMBTU	
					NOX	.100LB/H	
					SO2	175.00PPM BY VOL.	
					NOX	1.00LB/H	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)							REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
OXY-LOGAN WASH MODIF.1980 CO		1.00MBBL/D	N	BOILER, ETC	CO	2.00LB/H	B*
				CRUDE SHALE OIL STORAGE TANK*	NOX	52.00LB/H	B*
				CRUSHING	PH	7.00LB/H	B*
				HYDROGEN PLANT REFORMER FURN*	SO2	31.00LB/H	B*
				PM	VOC	3.00LB/H	B*
				RETORT	CO	3640.00LB/H	B*
					HS	376.00LB/H	B*
					VOC	154.00LB/H	B*
PARAHO DEVELOPMENT CORP. UT				N BLASTING BOLTING, SCALING, HANDLING, *			
				CRUDE SHALE OIL STORAGE TANK*	PM	.02GR/DSCF	
				HYDROGEN PLANT REFORMER FURN*	CO	.02LB/MMBTU	
				PM	CO	.02LB/MMCF	
				HYDROTREATER FEED FURNACE	NOX	161.00LB/MMCF	
					PH	.16LB/MMBTU	
					SO2	15.00LB/MMCF	
					VOC	.02LB/MMBTU	
					CO	.02LB/MMCF	
					NOX	161.00LB/MMCF	
					PH	.15.00LB/MMCF	
					SO2	.60LB/MMCF	
					VOC	9.83LB/H	
					CO	3.00LB/MMCF	
					NOX	.00LB/MMBTU	
					PH	.02LB/MMCF	
					SO2	17.00LB/MMCF	
					VOC	3.00LB/MMCF	
					PM	.02GR/DSCF	
					PM	.01GR/DSCF	
					PM	.01GR/DSCF	
					PM	.02GR/DSCF	
					CO	4.50	
					NOX	385.20	
					PH	11.00LB/MMGAL	
					SO2	31.20	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
RIO BLANCO OIL SHALE-#1	CO	2.00MBBL/D	M	HEATER LURGI RETORT	NOX NDX PM SO2 VOC	2.80LB/MMGAL 5.00LB/MMGAL 22.00LB/MMGAL 2.00LB/MMGAL .50% S. CONTENT 1.00LB/MMGAL
				POWER GENERATION FACILITY	CO NOX PM SO2 VOC	.02LB/MMBTU .25LB/MMBTU .20LB/MMBTU .02LB/MMBTU .14LB/MMBTU
				STORAGE PILES		N*
				STORAGE TANKS, 4		
TOSCO OIL SHALE-1981	UT	45.00MBBL/D	N	COAL & LIMESTONE STORAGE/HAN*	PM SO2	1.30LB/H .09LB/MMBTU 1.20LB/MMBTU
TEXAS TAR SANDS, LTD	TX 9075	50.00MBTU/H	N	STEAM GENERATOR	CO NOX PM	1.10LB/H 7.00LB/H 1.20LB/H
				FEED HEATER		B*
						B*
						B*

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SOURCE TYPE CODE 5.14

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)

COMPANY NAME	STATE & PERMIT	SOURCE	SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
		MINE VENTS					SO2 3.10LB/H	B*
		OIL REBOILER		CO			PM 10.60LB/H	B*
				NOX			PM 14.90LB/H	B*
				PH			PM 1.50LB/H	B*
				SO2			PM 9.10LB/H	B*
		ORE STORAGE					PM 1.60LB/H	B*
		RECL TUNNEL					PM 4.00LB/H	B*
		SEC CRUSHER					PM 4.70LB/H	B*
		SPENT SHALE STOR					PM 6.20LB/H	B*
		2 AUX BOILERS					PM 36.50LB/H	B*
				CO			PM 7.90LB/H	B*
				NOX			CO 2.90LB/H	B*
				PH			NOX 18.00LB/H	B*
				SO2			PH 3.20LB/H	B*
		2 SO2 REC.PLANTS					SO2 8.00LB/H	B*
		4 REFORM FURN		CO			SO2 92.20LB/H	B*
				NOX			CO 10.80LB/H	B*
				PH			NOX 90.30LB/H	B*
				SO2			PH 12.00LB/H	B*
		6 ELUTRIATORS		NDX			SO2 30.10LB/H	B*
				PH			NDX 15.80LB/H	B*
				SO2			PH 42.00LB/H	B*
				NOX			SO2 5.30LB/H	B*
		6 PREHEAT STK		NOX			NOX 1588.20LB/H	B*
				PM			PM 90.00LB/H	B*
				SO2			SO2 62.50LB/H	B*
				VOC			VOC 303.00LB/H	B*
		6 PROCESS SHALE WET		PH			PH 43.20LB/H	B*
UNION OIL SHALE #1	CO	10.00MBBL/D			DEARSENITER CHARGE HTR	NOX 2.30LB/H	B*	
					DEARSENITER PURGE HTR	NOX 1.80LB/H	B*	
					FRACT CHG HTR	NOX 2.50LB/H	B*	
					H2 CHG HTR	NOX 2.60LB/H	B*	
					REFORMER FURN	NOX 53.10LB/H	B*	
					STEAM BOILER	NOX 12.00LB/H	B*	
					SULFUR REC.UNIT	SO2 300.00PPH	B*	
						PH 1.90LB/H	B*	

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SOURCE TYPE CODE 5.14

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
WHITE RIVER SHALE OIL CO* UT MAJ 053082-IT	106000.00BPSD	N	BOILER & POWER PLANTS (3 STK)	NOX	.20LB/MMBTU PM .03LB/MMBTU	
					.487.50LB/H PM .07LB/MMBTU	
				CONVEYORS CRUSHING & SCREENS	PM FM	.73-.20LB/H .02GR/DSCF
				DEAD STORAGE WIND EROSION, R*	PM	.01GR/DSCF
				FEED TO STORAGE SILOS	PM	.01GR/DSCF
				FINES CONVEYOR, POINTS TRANS*	PM	.20.00% OPACITY
				GROOMING	VE	.20.00% OPACITY
				GROOMING, RAW SHALE STOCKPILE	VE	
				H2 PLANT REFORMER FURNACE	NOX	.21LB/MMBTU
					PM	.267.80LB/H
					PM	.20LB/MMBTU
					SO2	.25-.80LB/H
						.01LB/MMBTU
						9.00LB/H
				IN-MINE PRIMARY CRUSHING		
				LIVE STORAGE WIND EROSION, R*	VE	20.00% MINIMIZE
				LOAD IN, RAW SHALE STOCKPILE	VE	
				LOAD IN, RAW SHALE STOCKPILE	VE	
				MAIN ACCESS ROADS		
				MINE CONVEYOR SURGE BIN	PM	.01GR/DSCF
				MINE CONVEYOR TRANSFER POINTS	PM	.01GR/DSCF
				PHASE III - HYDRO TREATER RE*	NOX	.26LB/MMBTU
					PM	.39.00LB/H STACK
					SO2	.02LB/MMBTU
						2.60LB/H STACK
				PHASE III-UNION B RECYCLE GA*	NOX	.16LB/MMBTU
					PM	.10.00LB/H STACK
					SO2	.02LB/MMBTU
						.02LB/MMBTU
				PHASE III-UNION B RECYCLE GA*	NOX	.02LB/MMBTU
					PM	.53.10LB/H STACK
						.02LB/MMBTU
						5.00LB/H STACK

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)					REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					S02 .02LB/MMBTU	
				PROCESSED SHALE CONVEYOR TRA* VE	5.50LB/H STACK	
				PROCESSED SHALE DISPOSAL	20.00% OPACITY	
				SUPERIOR PROCESSED CONVEYOR *	VE	
				SUPERIOR RETORT SILO FEED	PM .01GR/DSCF	
				SURFACE CRUSHING & SCREENS	PM .01GR/DSCF	
				TOSCO PREHEAT & BALL HEATERS	NOX .22GR/DSCF	
					51.90LB/H STACK	
				PM .02GR/DSCF		
					22.50LB/H STACK	
					.00GR/DSCF	
					.50LB/H STACK	
				TOSCO PROCESSED CONVEYOR SHA*		
				TOSCO RETORT SILO FEED	PM .01GR/DSCF	
				UNION PROCESSED CONVEYOR SHA*	VE .01GR/DSCF	
				UNION RETORT SILO FEED	PM .01GR/DSCF	
				WIND EROSION		
				2ND LIGHT DUTY ROADS		

SOURCE TYPE CODE -- 5.15 OIL AND GAS FIELD SERVICE

SIGNOR PIPELINE CO.	TX 6348	306.00MMGAL/YR	N	DIESEL/KERO LOADING FUGITIVE VOC	VOC VOC VOC (12*) VOC	14.10T/YR 12.00T/YR 23.60T/YR .13LB/MMGAL VOC
				GASOLINE LOADING 3 RACKS (7)	VOC	A* A* A* A*
UNITED GAS PIPE LINE CO.	TX XI480	2000.00HP EA, NAT*	N	SUPERIOR COMPRESSOR ENGINE	NOX	4.20G/BHP-HR

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SOURCE TYPE CODE 5.16

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.16 PETROLEUM INDUSTRY -- OTHER						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
BEAR CREEK STORAGE	LA PSD-LA-85		N	GAS HEATERS, 3 I.C. COMPRESSOR, 4	NOX 2.10LB/H CO 1.40G/HP-H NOX 11.70G/HP-H NOX .40LB/H	B* B* B* B*
CHEVRON USA, INC.	UT	525600.00MIGAL/YR	M	REGENERATOR HEATERS, 3 SEPARATOR	NOX .051LB/H	B*
COLORADO INTERSTATE GAS	OK (R)PSD-OK-356		N	BOILER	CO .32LB/H NOX .01LB/H PM .00LB/H	B* B* B*
HOUSTON PIPE LINE CO.	TX TX-313		M	COMPRESSOR ENGINE	SO2 .00G/HP-H CO .00G/HP-H NOX .00G/HP-H	B* B* B*
				EMERGENCY GEN.	SO2 .00G/HP-H VOC .00G/HP-H CO 1.40G/HP-H NOX 10.90G/HP-H	B* B* B*
				DEHYDRATORS, 2	SO2 .00G/HP-H VOC .84G/HP-H	B* B*
OASIS PIPELINE CO.	TX		I.C. ENGINES, 4 TURBO.	NOX .15LB/H NOX .12LB/mmBTU	B* B*	
ODESSA NATURAL CORP.	TX (R)PSD-TX-368		M	COMPRESSOR ENGINE	NOX 6.80LB/H VOC 11.50/HP-H	B* B*
PANTHALIDE EAST. PIPELINE	OK (R)PSD-OK-330		M	I. C. ENGINES, 2 EA TURBINE	CO 1.40G/HP-H NOX 6.86G/HP-H CO .70G/HP-H NOX 1.30G/HP-H	B* B* B*
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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.16 PETROLEUM INDUSTRY -- OTHER				REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
PANHANDLE EAST. PIPELINE	OK (R)PSD-OK-329	M I. C. ENGINE, 2 EA			NOX	6.00G/HP-H	B*
PANHANDLE EAST. PIPELINE	TX (R)PSD-TX-321	M COMPRESSOR ENGINE		CO NOX	9.00G/HP-H 9.00G/HP-H	B* B*	
PANHANDLE EAST. PIPELINE	TX PSD-TX-322	M I.C. ENGINES, 3		CO NH3 NOX VOC	5.70G/HP-H .01LB/H 11.50G/HP-H 1.70LB/H	B* B* B*	
PANHANDLE EAST. PIPELINE	TX (R)PSD-TX-320	M COMPRESSOR ENGINE		CO NH3 NOX VOC	5.70G/HP-H .68LB/H 11.50G/HP-H 13.50LB/H	B* B* B*	
SHELL OIL CO.	MI 617-82	N GAS SWEETENING FACILITY		SO2	184.00LB/H 540.00LB/H		
SHELL OIL CO.	MS MS 025	8200.00BBL/D	M CO2 INJECTION				
SOUTHERN NAT. GAS	LA (R)PSD-LA-406	M I.C. ENGINES, 2 EA		NOX	11.00G/HP-H	B*	
SOUTHERN NAT. GAS	LA (R)PSD-LA-267	M I.C. ENGINE		CO NOX	.4.00LB/H 182.00LB/H	B* B*	
SUN GAS CO.	TX (R)PSD-TX-R72	M COMPRESSOR		CO NOX	1.20G/HP-H 9.10G/HP-H	B* B*	
		COMPRESSOR ENGINE, 2		CO NOX	1.20G/HP-H 9.10G/HP-H	B* B*	
TEXACO, INC.	LA (R)PSD-LA-362	M I.C. ENGINE 1 I.C. ENGINE 2		CO NOX	10.00G/HP-H 10.00G/HP-H	B* B*	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.16 PETROLEUM INDUSTRY -- OTHER						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS		
TEXACO, INC.	LA (R)PSD-LA-381		H GEN. DRIVER, 2 EA I.C. COMPRESSOR ENGINE, TURB*	CO NOX CO NOX	10.00G/HP-H 10.00G/HP-H 1.30G/HP-H 6.50G/HP-H	B* B* B* B*
TEXACO, INC.	LA (R)PSD-LA-301	6300.00HP	H ENGINE, I.C., TURBOCHARGED I.C. ENGINE, NAT. ASPIRATED TURBINE COMPRESSOR, GAS-FIRED NOX	NOX NOX NOX	43.70LB/H 7.50G/HP-H 7.70LB/H 10.00G/HP-H 9.40LB/H 1.30G/HP-H	B* B* B* B* N* H*
TEXACO, INC.	LA (R)PSD-LA-300		H I. C. ENGINE, NAT. ASPIRATED I. C. ENGINE, TURBOCHARGED I. C. ENGINE, TURBOCHARGED TURBINE, GAS FIRED, COMPRESS* NOX	NOX NOX NOX NOX	10.00G/HP-H 11.00LB/H 7.50G/HP-H 43.70LB/H 7.50G/HP-H 43.70LB/H 1.80G/HP-H 14.20LB/H	B* B* B* B* B* B* B* B*
UNITED GAS PIPE LINE CO.	LA (R)PSD-LA-230		H COMPRESSOR ENGINE, 3 EA	NOX	107.90LB/H EA 30.80LB/MMHP-H	B* B*
UNITED PIPE LINE CO.	TX TX-211		H COMPRESSOR ENGINE, 3	NOX	31.50LB/H 31.50LB/MMHP-H	B* B*

SOURCE TYPE CODE -- 6.3 ACRYLIC ACID PLANT

BADISCHE CORP.	TX (R)PSD-TX-284	H WASTE INCIN., 2 EA	NOX SO2	.73LB/MMBTU .68LB/MMBTU
				B* B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.3 ACRYLIC ACID PLANT						REPORT DATE 04/29/1983					
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS			& BASIS		
CONOCO, INC.	LA (R)PSD-LA-291	1'0.00HMLB/YR	H	FLARE		CO	.02LB/H		B*		
				HEATER, HOT OIL		NOX	.12LB/H		B*		
				HEATER, STARTUP		CO	.02LB/MMBTU		B*		
				PACOL HEATER, CHARGE		NOX	.10LB/MMBTU		B*		
						CO	.03LB/MMBTU		B*		
						NOX	.10LB/MMBTU		B*		
						NOX	.10LB/MMBTU		B*		
SOURCE TYPE CODE -- 6.12 CARBON BLACK											
ASHLAND CHEMICAL CO.	LA LA-339	320.00HMLB/YR	M	CO BOILER		CO	94.00LB/H		B*		
						NOX	26.40LB/H		B*		
						PM	6.90LB/H		B*		
						SO2	977.30LB/H		B*		
						VOC	19.30LB/H		B*		
						CO	36.90LB/H		B*		
						NOX	10.70LB/H		B*		
						PM	6.24LB/H		B*		
						SO2	38.30LB/H		B*		
						VOC	4.00LB/H		B*		
						CO	79.30LB/H		B*		
						NOX	9.69LB/H		B*		
						PM	15.28LB/H		B*		
						SO2	777.80LB/H		B*		
						VOC	9.10LB/H		B*		
ASHLAND CHEMICAL CO.	TX TX-338		H	CO BOILER		CO	62.00LB/H		B*		
						NOX	28.00LB/H		B*		
						PM	10.00LB/H		B*		
						SO2	565.00LB/H		B*		
						VOC	3.00LB/H		B*		

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SOURCE TYPE CODE 6.12

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.12 CARBON BLACK REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
				STACK DRYER 1	CO 42.50LB/H NOX 20.00LB/H PM 7.40LB/H SO2 373.90LB/H VOC 1.40LB/H	B*
				STACK DRYER 2	CO 42.50LB/H NOX 20.00LB/H PM 7.40LB/H SO2 373.90LB/H VOC 1.40LB/H	B*
SOURCE TYPE CODE -- 6.13 CHARCOAL						
BIG SANDY WOOD IND.	TX C8881	N		WOOD-CHARRING PILES, 5	CO 178.00T/YR NOX 4.40T/YR PM 20.50T/YR	B*
SOURCE TYPE CODE -- 6.12 CARBON BLACK						
CONTINENTAL CARBON	TX PSD-TX-345	M		DRYER DRYER FIREBOX REACTOR REACTOR	PM .02LB/H PM 6.66LB/H	B*
GREAT LAKES CARBON	AR PSD-AR-271A	M		BAGHOUSE INCIN.		
PHILLIPS PETROLEUM CO.	OK PSD-OK-223	M		NAT. GAS FIRED COMPRESSOR	CO .20LB/H	

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SOURCE TYPE CODE 6.12

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.12 CARBON BLACK				REPORT DATE 04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				PM	.40LB/H	

SOURCE TYPE CODE -- 6.14 CHLORALKALI	
DIAMOND SHAMROCK CORP.	TX TX-276

H GAS TURBINE, 3	CO	108.10LB/H EA	B*
	NOX	.11LB/MMBTU	B**
	PM	.403.00LB/H EA	N*
		.42LB/MMBTU	N*
		13.20LB/H EA	B**
		.01LB/MMBTU	B**
	SO2	.60LB/H	N*
		.001LB/MMBTU	N*
STEAM GEN., HEAT RECOVERY, 3	CO	4.08LB/H EA	B**
	NOX	.02LB/MMBTU	B**
		55.20LB/H EA	B**
		.22LB/MMBTU	B**
	PM	3.60LB/H EA	B**
		.02LB/MMBTU	B**

SOURCE TYPE CODE -- 6.15 CHLOROBENZENE	
BOFORS NOBEL, INC.	MI 615-81

N DCB MANUFACTURE	DCB	9.06UG/CU. METER
DCB PACKOUT	DCB	3.52UG/CU. METER

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.24 ETHYLENE AND POLYETHYLENE							REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
GULF OIL CHEMICALS	TX (R)PSD-TX-299	6,0.00MMLB/YR	N	BLOW TANK FILTERS, 2 EA BOILERS, 4 EA	NOX PM	.30LB/MMBTU OIL .12LB/MMBTU GAS .02LB/MMBTU OIL	B*
				CATALYTIC ACTIVATOR FILTERS,* CATALYTIC ACTIVATORS, 2 EA	SO2	.01LB/MMBTU GAS .75LB/MMBTU OIL	B*
				CATALYTIC FILTERS, 2 EA CATALYTIC INCINERATOR FLARE, 10 EA	NOX NOX PM	.12LB/MMBTU .10LB/H	B*
				PREHEATERS, 2 EA STORAGE SILOS	NOX	.10LB/H	B*
			M	BOILERS, 2	CO	4.60LB/H TAR 3.20LB/H N. GAS	B*
TEXAS EASTMAN CO.	TX TX-332				NOX PM	42.00LB/H TAR 22.80LB/H N. GAS	B*
					CO	14.00LB/H TAR	B*
					SO2	1.00LB/H N. GAS	B*
				PELLET STORAGE & HANDLING PROCESS HEATER	PM CO NOX PM	12.00LB/H TAR 1.00LB/H N. GAS 1.20LB/H 1.00LB/H	B*
					SO2	1.10LB/H	B*
					CO	.20LB/H	B*
					NOX		B*
					PM		B*
					CO		B*
					SO2		B*
					CO		B*
					NOX		B*
					PM		B*
					PM		B*
					SO2		B*
					SO2		B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.24 ETHYLENE AND POLYETHYLENE

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
				PYROLYSIS FURNACES, 4	CO 3.00LB/H EA NOX 17.00LB/H PM 1.00LB/H EA SO2 .20LB/H	B*
TEX-USS	TX (R)PSD-TX-336	270.00NT/YR	N	STEAM BOILER STEAM BOILER	NOX .11LB/MMBTU NOX .11LB/MMBTU	B*

SOURCE TYPE CODE -- 6.27 ETHYLBENZENE/STYRENE						
AMERICAN HOECHST	TX 5252	900.00MMLB/YR	N	BOILERS, 4 & HEATERS, 6	NOX 569.00T/YR PM .18LB/MMBTU SO2 15.00T/YR 1.10T/YR	A*
				PROCESS VENTS TANKS, 10	VOC 16.00T/YR	A*

SOURCE TYPE CODE -- 6.62 OTHER CHEMICAL						
COHOCO CHEMICAL CO.	TX X-3826	18000.00BBBL	N	STORAGE TANKS, 2	BE* 1.30T/YR	A*

SOURCE TYPE CODE -- 6.32 FORMALDEHYDE						
EXXON CHEMICAL AMERICAS	TX X3753	200000.00GAL	N	WATER TREATMENT CHEMICALS MF*		

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS	REPORT DATE
GEORGIA-PACIFIC CORP.	NC NC-060	64400.00LB/H INPUT	N	FORMALDEHYDE PRODUCTION	CO VOC	10.00LB/H 10.00LB/H	B*
INTERNAT. MINERALS & CHE* PA (R)79PA10		150.00MLB/YR	H	FORMALDEHYDE PLANT STORAGE TANK (FORMALDEHYDE) STORAGE TANK (METHANOL)	CO VOC VOC	2.03LB/H 10.10LB/H .04LB/H .10LB/H	B* B* B* B*
<hr/>							
SOURCE TYPE CODE --	6.36 MALEIC ANHYDRIDE						
MONSANTO CO.	FL FL-055	133.00MLB/YR	H	MALEIC ANHYDRIDE PRODUCTION	CO VOC	670.00LB/H 700.00LB/H	B* B*
<hr/>							
SOURCE TYPE CODE --	6.37 METHANOL						
DOW CORNING CORP.	KY C-82-73		H	GRINDING, SCREENING, CONVEYER* PM PILOT PLANT, CHLORSILANE	VOC VOC	22.00T/YR 60.00T/YR 4.00T/YR	
GETTY METHANOL CORP.	DE 80DE01	100.00MMGAL/YR	N	STORAGE TANKS, METHANOL TUBULAR REFORMER	NOX	.13LB/MMBTU	B*
<hr/>							
SOURCE TYPE CODE --	6.42 PAINT & VARNISH						
SUN CHEMICAL CORP.	MI 351-82	3.00MLB/YR	N	AZO RED PIGMENT MANUFACTURER	BC*	.55G/CJ. METER	3*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.42 PAINT & VARNISH				REPORT DATE 04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS

SOURCE TYPE CODE -- 6.43 PHARMACEUTICAL						
ELI LILLY	IN EPA-5-A-81-7	N	COAL FIRED BOILER	NOX	.60LB/MMBTU	
				PM	.323 .00T/YR	
				SO2	.09LB/MMBTU	
					49.60T/YR	
					1.60LB/MMBTU	3 H AV
MEAD JOHNSON & CO.	IN PC(65) 1507	N	BOILERS, COAL-FIRED, 2 EA	NOX	.65LB/MMBTU	
				PM	.03LB/MMBTU	
				SO2	2.10LB/MMBTU	
SOURCE TYPE CODE -- 6.45 PHthalic Anhydride						
ASILAND CHEMICAL CO.	WV 78WV02	80. 00MMLB/YR	M	HEATER INCINERATOR	SO2	16.00LB/H
					CO	86.70LB/H
					VOC	49.30LB/H
						B*
						B*
						B*
SOURCE TYPE CODE -- 6.52 SULFUR RECOVERY						
ATOCO PRODUCTION CO.	TX 7725	25.00T/D SULFUR	N	SULFUR RECOV. ON NAT. GAS ST* SO2	270.00T/YR	
STRONGE, INC.	OH 13-958			N H2S CONVERTER, SETTLING TANK* H2S	.02LB/H	
					.26GR/100 CF	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.52 SULFUR RECOVERY						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
TEXACO, INC. - PUGET SOUND WA		50.00T/D	N	CLAUS SULFUR UNITS, 2	S02 6.40LB/H 28.00T/YR S02 250.00PPM DSCH, 0% 02	N*

SOURCE TYPE CODE -- 6.53 SYNTHFUELS/FUEL CONVERSION (NOT OIL SHALE)

ASHLAND SYNTHETIC FUELS,* KY PSD-KY-089	30.00T/H COAL	N	COAL LIQUEFACTION PLANT	PM S02	82.60T/YR 93.24T/YR	L*
DEPT OF WATER RESOURCES CA NC-79-08	55.00MM	N	GEOTHERMAL POWER PLANT	H2S	5.00LB/H	L*
PACIFIC GAS & ELECTRIC C* CA NSR 4-4-1 NC 8*		N	POWER PLANT	H2S	7.50LB/H	B*
PACIFIC GAS & ELECT. CO. CA NC-79-01	110.00MM	N	GEOTHERMAL UNIT 17	H2S	.12KG/H	B*
SACRAMENTO MUNICIPAL UTI* CA NC-80-01	55.00MM	N	GEOTHERMAL UNIT #1	H2S	8.00LB/H	

SOURCE TYPE CODE -- 6.54 SYNTHETIC FIBERS

GLOBE MANUFACTURING CO. NC 2106R4	N	ELASTIC FIBER EXTRUDING LINES VOC	75.00% ANNUAL AV RE*
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SOURCE TYPE CODE -- 6.55 SYNTHETIC RUBBER/RUBBER TIRES

B.F. GOODRICH IL 82 03 0046	N	BOILER	CO 400.00RPM
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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.55 SYNTHETIC RUBBER/RUBBER TIRES

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
FIRESTONE TIRE CO.	NC NC-024	27700.00LB/H INPUT	H	BOILER TIRE PROCESS LINES	SO2 106.00LB/H PM 11.10LB/H	B*

SOURCE TYPE CODE -- 6.59 VINYL CHLORIDE/POLYVINYL CHLORIDE						
B.F. GOODRICH	KY KY 149	81000.00LB/H EDC	N	EDC/VCM MANUFACTURING	NOX .60LB/MMBTU PH .06LB/MMBTU SO2 1.20LB/MMBTU	N*
B.F. GOODRICH CHEMICAL	NJ	404.00MLB/YR P*	M	DISPERSION RESIN LINE	VC 10.00PPM	N*
B.F. GOODRICH CHEMICAL	NJ	404.00MLB/YR	M	DRYER FACILITY MONOMER RECOVERY REACTOR OPENING LOSS RELIEF VALVE DISCHARGE SUSPENSION RESIN PRODUCTION *	PM 2000.00PPM/D AV VC .02GR/SCF 10.00PPM .02G/KG	S*
B.F. GOODRICH CO.	KY C-82-65	275000.00T/YR	H	BLEND TANKS, 3	VCM 400.00PPM DAILY AV 25.00PPM, ANNUAL AVG	B*
				BULK PVC STORAGE SILOS, 8	PM 27.50T/YR 4.29LB/H	B*
				FLUID BED DRYERS, 2	PM 1.59T/YR 4.48LB/H	B*
				PLANT FUGITIVES PVC STORAGE SILOS, 4	VC 18.74T/YR PM 1.84LB/H	B*
				REACTOR OPENING VENT	VCM 2.59T/YR 20.00LB/MMLB PVC	B*

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SOURCE TYPE CODE 6.59

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.59 VINYL CHLORIDE/POLYVINYL CHLORIDE
 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
FORHOSA PLASTICS	TX (R)PSD-TX-226	957.00MT/YR	N	BOILERS, 5 EA COMPRESSOR COOLING TOWER EPC CRACKERS	NOX .11LB/MMBTU VOC .001LB/MMBTU VOC .09B/H	B*
				FLANGES GAS HOLDER I GAS HOLDER II HEATERS, 2	NOX .18LB/H VOC .001LB/MMBTU VOC 2.14B/H VOC .04LB/H	B*
				INCIN., 2	VOC .001LB/H NOX .18LB/MMBTU VOC .001B/MMBTU NOX .12LB/MMBTU	B*
				PUMPS PVC DRYERS STARTUP/SHUTDOWN VALVES WATER TREATMENT	VOC .02LB/MMBTU VOC .14LB/H VOC 21.00B/H VOC .11LB/H VOC 2.10LB/H	B*
SHINLOCH, INC.	TX (R)PSD-TX-327	350.00MT/YR	N	STEAM BOILER STEAM BOILER	NOX .11LB/H NOX .12LB/MMBTU	B*
SHINTECH, INC.	TX PSD-TX-285	350.00MT/YR	M	BOILER, 2 DRYER STACKS, 2 FUGITIVES INCIN. STACKS, 2 PNEUMATIC VENTS, 7 REACTOR VENT FAN	PH .30LB/H PH 1.80LB/H EA PH 1.06LB/H EA	B*
SOURCE TYPE CODE -- 6.61 ALCOHOL FUEL PRODUCTION						
AM. MODERN FOOD ENERGY S* IA		40.00MGAL/YR	N	BOILER, PULV. COAL	NOX .70LB/MMBTU	B*
					SOURCE TYPE CODE	6.61

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.61 ALCOHOL FUEL PRODUCTION						REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
CONSOLIDATED ENERGY GROUP IA	10.20MMGAL/YR	N	BOILER, COAL FIRED, STOKER	NOX PM	.60LB/MMBTU .03LB/MMBTU	N.G. B*	
DUPONT	MI 756-79	N	FREON 22 MFG	VOC PM	14.90T/YR 2.00LB/MMBTU	B*	
MAPEE ALCOHOL FUEL, INC. TX (R)PSD-TX-374	23.00MMGAL/YR *	N	AUXILIARY BOILER, NAT. GAS	NOX PM	1.12T/YR 35.00T/YR	B*	
			COAL HANDLING #1 COAL HANDLING #2 COAL UNLOAD DRYERS, 2 NAT. GAS FIRED	SO2 PM PM NOX PM	115.00T/YR 4.22T/YR 205.00LB/H	B*	
			GRAIN CONVEY, STORAGE TO TRU* GRAIN PELLET CONVEY TO RR CAR GRAIN PELLET CONVEY TO COOLER MILO INLOADING & HANDLING PROCESS STM GEN, COAL FIRED	PM PM PM PM NOX PM SO2 PM	.02LB/H .10LB/H .23LB/H .08LB/H .70LB/MMBTU .04LB/MMBTU .68LB/MMBTU .32LB/H .04LB/H	B*	
			TRANSFER OF ASH TRANSFER OF MILO	PM PM			

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SOURCE TYPE CODE 6.61

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.61 ALCOHOL FUEL PRODUCTION						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
MAPEE ALCOHOL FUEL, INC. (CONTINUED)						
			TRUCK LOADING OF BOILER ASH 2 H2SO4 STORAGE TANKS 2 TRANSFER OF MILO POINTS 3 GRAIN CONVERGING POINTS 4 MILLING OF MILO POINTS	PM SO2 PM PM PM	.30LB/H .04LB/H EA .16LB/H EA .001B/H EA 1.10LB/H EA	B*
NEBRASKA ALCOHOL FUEL CO* NE		10.00MMGAL/YR	N BOILER	NO2 PM SO2	.50LB/MMBTU .05LB/MMBTU 1.16LB/MMBTU	
NEW ENERGY CORP.	IN EPA-5-A-82-1		N COAL-FIRED BOILER	NDX P11 SO2	.70LB/MMBTU .03LB/MMBTU 1.20LB/MMBTU	L*
			OIL-FIRED BOILER	NOX PM SO2	.60LB/MMBTU .02LB/MMBTU .31LB/MMBTU	3 H AV
PEAT METHANOL ASSOCIATES NC 4930			N PEAT BOILER	PM	9.70LB/H .03LB/MMBTU	
			PEAT DRYER	PM SO2	.51LB/MMBTU 3.20LB/H	
			SULFUR RECOVERY	SO2	.20LB/MMBTU 23.00LB/H	
ROCK ISLAND LIQUID FUELS* IL 811000017		20.00MMGAL/YR	N DISTILLATION ETHANOL STORAGE GRAIN HANDLING & STORAGE NAT. GAS FIRED BOILER	VOC PM CO NOX SO2	2.18LB/H 4.53LB/H .43LB/H 4.50LB/H .02LB/H	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.62 OTHER CHEMICAL	REPORT DATE 04/29/1983					
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
AIRCO CARBIDE, DIV. OF A* KY C-80-28		88000.00T/YR	N	ELECTRIC ARC FURNACE	CO .081LB/H PM 1.74LB/H SO2 .44LB/H	B*
AIRCO SPEER	PA 79-PA-26		N	COKE BURNING KILN, 2	CO .081LB/H PM 1.74LB/H SO2 .44LB/H	B*
			KILN, 2		CO .081LB/H PM 1.74LB/H SO2 .44LB/H	B*
AIRCO SPEER	PA 80PA06	15900.00T/YR	M	GRAPHITIZING FURNACE	CO 545.00LB/H H2S 5.30LB/H PM 18.30LB/H SO2 30.50LB/H SO2 55.50LB/H	B*
AIRCO SPEER CARBON GRAPH* LA LA-283			N	CALCINER BOILER, GAS, OIL	CO 5.70LB/H PM 5.70LB/H SO2 171.60LB/H	B*
			CARBOTTOM BAKING, 4		CO .47LB/H EA PM 17.80LB/H EA SO2 45.13LB/H EA	B*
			COKER, OIL/GAS		CO 2.20LB/H PM 4.40LB/H SO2 62.86LB/H	B*
			CONDENSER PRIMARY TAR TANK M*		PM .051LB/H PM .04LB/H EA	B*
			CONDENSER, PRIMARY PITCH TANK M*		PM .01LB/H EA	B*
			CONDENSER, SECONDARY PITCH T* PM		PM .04LB/H EA	B*
			CONDENSER,PRIMARY PITCH TANK* PM		PM .04LB/H EA	B*
			DUST COLLECTOR MILL, MIX AND* PM		PM .69LB/H	B*
			DUST COLLECTOR MILL, MIX AND* PM		PM 1.37LB/H EA	B*
			DUST COLLECTOR Q.C. & I. LAB. PM		PM .21LB/H	B*
			DUST COLLECTOR, FINISHING & * PM		PM 1.29LB/H	B*
			DUST COLLECTOR, MAINTENANCE * PM		PM .13LB/H	B*
			DUST COLLECTOR, PROCESS MATE* CO		PM .051LB/H	B*
			DUST COLLECTOR, PROCESS MATE* PM		PM 1.29LB/H	B*
			FURNACE, NAT. GAS CO		PM 1.03LB/H .11LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.62 OTHER CHEMICAL		REPORT DATE 04/29/1983						
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS		
			PM .11LB/H SO2 .63LB/H PM .69LB/H PM 1.37LB/H EA CO 1348.30LB/H EA H2S 46.06LB/H EA PM 18.50LB/H EA SO2 44.31LB/H EA	B*	B*	B*	B*	
			PREHEATER COMBUSTION STACKS *	PM 1.37LB/H PM 1.37LB/H EA PM .07LB/H EA PM .05LB/H EA PM .07LB/H EA CO 6.65LB/H EA H2S 15.35LB/H EA SO2 81.09LB/H EA	B*	B*	B*	
			SCRAP CRUSHINGS SIDEBLOCK MFG.	PM .07LB/H EA PM .05LB/H EA PM .07LB/H EA CO 6.65LB/H EA H2S 15.35LB/H EA SO2 81.09LB/H EA	B*	B*	B*	
			SILO VENT FILTER GRAPHITIZIN* SILO VENT FILTER MILL, MIX &*	PM .07LB/H EA PM .05LB/H EA PM .07LB/H EA CO 6.65LB/H EA H2S 15.35LB/H EA SO2 81.09LB/H EA	B*	B*	B*	
			SILO VENT FILTER, PROCESS MA*	PM .07LB/H EA CO 6.65LB/H EA H2S 15.35LB/H EA SO2 81.09LB/H EA	B*	B*	B*	
			STACK GRAPHITIZING, 4	PM .07LB/H EA CO 6.65LB/H EA H2S 15.35LB/H EA SO2 81.09LB/H EA	B*	B*	B*	
				PM 3.00LB/H PM 3.00LB/H NOX .30LB/MMBTU PM .00LB/MMBTU SO2 .07LB/MMBTU VOC .07LB/MMBTU PM .01LB/MMBTU PM .12LB/H PM .14LB/H PM 3.00LB/H PM 3.00LB/H VOC 6.30LB/H PM 3.00LB/H PM 3.00LB/H VOC .53LB/H NOX .20LB/MMBTU PM .02LB/MMBTU SO2 .00LB/MMBTU VOC .00LB/MMBTU PM 3.00LB/H	B*	B*	B*	
ALLIED CHEMICAL	LA (R)PSD-LA-104		M BLENDER BLOWER BLENDER BLOWER BOILER	PM 3.00LB/H PM 3.00LB/H NOX .30LB/MMBTU PM .00LB/MMBTU SO2 .07LB/MMBTU VOC .07LB/MMBTU PM .01LB/MMBTU PM .12LB/H PM .14LB/H PM 3.00LB/H PM 3.00LB/H VOC 6.30LB/H PM 3.00LB/H PM 3.00LB/H VOC .53LB/H NOX .20LB/MMBTU PM .02LB/MMBTU SO2 .00LB/MMBTU VOC .00LB/MMBTU PM 3.00LB/H	B*	B*	B*	B*

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SOURCE TYPE CODE 6.62

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.62 OTHER CHEMICAL		STATE & PERMIT		SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
AMERICAN HOECHST	TX 5264			220.00MLB/YR	N	PROCESS VENTS STORAGE BINS	PM	2.30T/YR 350.00UG/CU. M .55T/YR	T* T* A*
ARCHER DANIELS MIDLAND	IL 81 07 0035			M	BOILER BYPRODUCT DRYER	NOX VOC	.17LB/MMBTU .16LB/MMBTU		
ARKANSAS EASTMAN	AR (R)PSD-AR-311			M	BOILER, COAL-FIRED	NOX PM	.60LB/MMBTU .06LB/MMBTU	B* B*	
				M	COAL HANDLING SYS	SO2 PM	1.60LB/MMBTU 1.00LB/H	B* B*	
BASF-WYANDOTTE	LA			M	STEAM BOILER	NOX	36.40LB/H .12LB/MMBTU	B* B*	
B.F. GOODRICH CHEMICAL G* LA (R)PSD-LA-326				5500.00MLB/YR	(*)	M BOILER, COAL FIRED	CO NOX PM	.08LB/MMBTU .07LB/MMBTU .02LB/MMBTU	B* B* B*
						EDC CRACKING FURNACES	SO2 CO NOX PM	.33LB/MMBTU .02LB/MMBTU .14LB/MMBTU .01LB/MMBTU	B* B* B* B*
						PVC SILOS, 52 EA	CO NOX PM	.01LB/MMBTU .47LB/MMBTU 6.16LB/H	B* B* B*
						WASTE GAS INCIN.	CO NOX PM	.00LB/MMBTU .49LB/MMBTU 4.56LB/H	B* B* B*
B.F. GOODRICH CO.	OH 1947030004					COAL FIRED BOILER	CO	.19LB/MMBTU 200.00T/YR NOX	B* B* B*
							FRI	.70LB/MMBTU 730.00T/YR .66LB/MMBTU	B* B* B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.62 OTHER CHEMICAL						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
B.F. GOODRICH, CHEMICAL * KY KG-091		152.30MMBTU/H	H	COAL FIRED BOILER	SO2 63.00T/YR PM 1.20LB/MMBTU SO2 1250.00T/YR	B* L* L*
DIAMOND SHAMROCK CORP.	NC NC 058		M	SODIUM BICHROMATIC PLANT/BOI*	PM 96.43UKNOWN SO2 25.00LB/MMBTU	B* B**
DOW CHEMICAL	TX X3873		M	PRODUCT STRIPPER	AL* 2.10T/YR	
DOW CHEMICAL CO.	LA (R)PSD-LA-393		M	TURBINE, NAT. GAS-FIRED, 2 EA	CO NOX .12LB/MMBTU PM .44LB/MMBTU	B* N*
EMERY INDUSTRIES	OH OHIO 14-312		N	BOILER, COAL-FIRED	NOX .70LB/MMBTU PM .06LB/MMBTU SO2 1.60LB/MMBTU	
ESK CORP.	IL		M			
EXXON CHEMICAL	LA (R)PSD-LA-221		M	THERMAL OXIDIZERS, 2 EA	SO2 2.06LB/MMBTU	B*
E.I. DUPONT DE NEMOURS	OH EPA-5-A-61-1		N	BOILERS, COAL-FIRED, 2	NOX .60LB/MMBTU PM .06LB/MMBTU SO2 1.60LB/MMBTU	
E.I. DUPONT DE NEMOURS	TX (R)PSD-TX-335		M	ASH HANDLING BOILER	PM .01LB/H NOX .30LB/MMBTU OIL PM .60LB/MMBTU OIL PM .05LB/MMBTU OIL SO2 .08LB/MMBTU COAL	B*
					SO2 .79LB/MMBTU OIL PM 1.69LB/MMBTU COAL	B*
				COAL CAR UNLOAD CONVEYING TRANSFER	PM .20LB/H PM .13LB/H	B*
				EROSION	PM .02LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.62 OTHER CHEMICAL						REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
HCC CHEMICAL CO.	LA (R)PSD-LA-108	N ASH SILO BOILER, GAS/OIL	LOAD PILE EROSION PUMPING RECLAMING	PM PM PM PM	.24LB/H .02LB/H .21LB/H .02LB/H	B* B* B* B*	
		BOILER, SPREADER STOKER		CO NOX PM SO2	.04LB/MMBTU .30LB/MMBTU .02LB/MMBTU .32LB/MMBTU	B* N* B* B*	
				CO CO CO NOX	.04LB/MMBTU RESID* .04LB/MMBTU DIST* .02LB/MMBTU N. GAS .70LB/MMBTU COAL	B* B* B* B*	
				NOX NOX NOX PM	.70LB/MMBTU COAL .30LB/MMBTU RESID* .16LB/MMBTU DIST* .02LB/MMBTU COAL	B* B* B* B*	
				NOX PM SO2	.17LB/MMBTU N. GAS .02LB/MMBTU COAL .02LB/MMBTU RESID*	B* B* B*	
				PM PM PM SO2	.01LB/MMBTU DIST* .01LB/MMBTU N. GAS .32LB/MMBTU COAL .14LB/MMBTU RESID*	B* B* B* B*	
				NOX PM SO2	.01LB/MMBTU DIST* .32LB/MMBTU N. GAS .20LB/MMBTU	B* B* B*	
		BOILER, WASTE GAS COAL BUNKER HOUSE COAL CRUSHER HOUSE COAL HANDLING		PM PM PM	.01LB/MMBTU .36LB/H 2.15LB/H 5.30LB/H	B* B* B* B*	
ICI AMERICAS, INC.	VA 50416	M DRYER EDGE/SCRAP CONVEYOR FLAKE BUNKER FLAKE HOPPER RECLAIM CHIP HOPPER		PM PM PM PM	.02LB/H .00LB/H .24LB/H .42LB/H .00LB/H	B* B* B* B* B*	

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SOURCE TYPE CODE 6.62

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.62 OTHER CHEMICAL	COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
(CONTINUED)							
ICI AMERICAS, INC.					SILT/SCRAP CONVEYOR SLITTER STENTER CONVEYOR VIRGIN CHIP BUNKER VIRGIN CHIP HOPPER	PM PM PM PM	.001LB/H .001LB/H .001LB/H .001LB/H
MALLINCKRODT, INC	MO			H	COAL FIRED BOILER	NOX NOX SO2 SO2	.60LB/MMBTU .30LB/MMBTU FUEL * 2.00LB/MMBTU GAS 2.85LB/MMBTU 3D R*
MALLINCKRODT, INC.	NC 5126		60.00MMBTU/H	H	BOILER, COAL FIRED	NOX NOX SO2	.1.20LB/MMBTU MAX/D* 1.20LB/MMBTU FUEL * .01LB/MMBTU GAS
MERCK & CO., KEKO DIVISI* CA NSR-4-4-10 SD-*				H	DUCT BURNERS, 3 TURBINE, 3	NOX NOX	3.10LB/H PER BURNER B* .10LB/MMBTU B*
MEREDITH/BURDA, INC.	NC NC-064		6200.00BTU/LB	N	BOILER CHROME CYLINDER	PM CH*	20.00LB/H PER TURBI* B* .24LB/MMBTU B*
MOLY CORP., INC.	PA 79PA22		84.70T/D	N	ROASTER	PM SO2	4.00LB/H B* .001LB/H B*
MONSANTO CO.	TX PSD-TX-307			H	FLARE STACK INCIN., MHA SCRUBBER STACK	SO2	5.10LB/H B* 75.00LB/H B*
M&T CHEMICALS, INC.	KY PSD-KY-127		1000.00LB/H 2 EA	H	REACTOR, TIN TETRACHLORIDE	PM	50.00T/YR N*
PLAINS ELECT. GEN & TRANS NM (R)PSD-NM-418			729.40MMBTU/H	H	TURBINE GEN, NAT. GAS-FIRED	NOX	270.00LB/H B* .37LB/MMBTU B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.62 OTHER CHEMICAL				REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS	
PPG INDUSTRIES	WV 79AV06	243.00MMBTU/H	M BOILER	SO2 .90LB/H NOX .001B/MMBTU VOC .280.00LB/H CO .39LB/MMBTU PM 156.00LB/H BOILERS .22LB/MMBTU	B*	B*	
PROCTOR CHEMICAL CO.	NC 5096		N ROTARY PORCUPINE DRYER	SO2 .70LB/MMBTU NOX .98.00% CONTROL VOC 303.00T/YR	B*	N*	
PROCTOR & GAMBLE	GA GA 008		N BOILER FAT CONVERSION	SO2 1.00% S OIL VOC 37.00T/YR	B*	B*	
SHELL CHEMICAL CO.	LA		N ASBESTOS DUST COLLECTOR (1-7* PM BARGE BUCKET UNLOADER PM BARGE TO STORAGE CONVEYOR PM BOILERS, 3 EA CO	4.50G/D 466.40LB/D 127.60LB/D .06LB/MMBTU 38.00LB/H .70LB/MMBTU 416.00LB/H .09LB/MMBTU 53.00LB/H SO2 1.20LB/MMBTU 713.00LB/H 6.53LB/H EA	B*	B*	
			BOILER, 2 TEMPORARY	CO .03LB/MMBTU NOX .30LB/H EA PM .10LB/MMBTU 19.90LB/H EA SO2 .75LB/MMBTU 148.90LB/H EA PM 2.25LB/H PM .48LB/H PM 16.00LB/D	B*	B*	
			BPA RESINS, STORAGE, & SHIP. BPA-4, PROCESS PRILL TOWER COAL DUMPING AT BOILERS USIN*	PM .10LB/MMBTU PM 19.90LB/H EA PM 148.90LB/H EA PM 2.25LB/H PM .48LB/H PM 16.00LB/D	B*	B*	

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SOURCE TYPE CODE 6.62

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.62 OTHER CHEMICAL							REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
SHELL CHEMICAL CO. (CONTINUED)							
				COAL FILE RECLAIM CONVEYOR	PM	3.60LB/D	B*
				COAL FILE WIND EROSION	PM	.23T/YR	B*
				ORGANIC CHLORIDE INCIN.	CO	3.20LB/H	B*
					NOX	27.80LB/H	B*
					PM	.02GR/DSCF	B*
						2.00LB/H	B*
				PROCESS HEATERS, 3 EA	SO2	.00LB/MMBTU	B*
					CO	.04LB/MMBTU	B*
						2.50LB/H EA	B*
					NOX	.54LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
						35.10LB/H EA	B*
					SO2	.87LB/MMBTU	B*
						56.70LB/H EA	B*
				SLUDGE INCIN.	CO	.83LB/H	B*
					NOX	8.20LB/H	B*
					PM	.00GR/DSCF	B*
						.06LB/H	B*
					SO2	.88LB/MMBTU	B*
						8.75LB/H	B*
SMITH KLINE CORP.	PA 79PA15	600.00MET. T/YR	N	GRINDER 2 BOILERS, EA	VE	20.00% OPACITY	B*
				2 INCINERATORS, EA	SO2	.20% BY WT #2 OIL	B*
TENNESSEE EASTMAN CO.	TN TN 065	M	BOILER-COAL FIRED	PM	1.68MGALS/YR OIL	B*	
				COAL GASIFICATION-FUGITIVE	SO2	2.00LB/H	B*
				M FLARES	PM	3.00LB/H	B*
UNION CARBIDE	GA GA 069	M	BOILERS	CO	14.00LB/H	B*	
				VOC	936.00LB/H	B*	
					.00GR/SCF	B*	
						.00LB/H	B*
						.00LB/H	L*
					SO2	418.00T/YR	

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SOURCE TYPE CODE 6.62

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.62 OTHER CHEMICAL	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
UNIROYAL CHEMICAL, DIV. * LA LA-250				H INCIN., WASTE	NOX 4588-.80LB/D PM 28-.80LB/O SO2 23.40LB/3 H	B*
U.S. BORAX & CHEMICAL CO* CA SE-82-02	45.00MTD			H GAS TURBINE	CO 72.00LB/H NOX 230.00LB/H PB .01LB/H PM 18.00LB/H SO2 219.00LB/H VOC .50LB/H	B*
VELSICOL CHEMICAL CO. TN 30-38C				H ACID PLANT BENZOTRICHLORIDE SYNTHESIS BENZYL CHLORIDE SYNTHESIS	BE* .45LB/H BE* .45LB/H VO* 6.85LB/H BE* 1.80LB/H	B*
3M CO., CHEMOLITE	MN 23A-81-I-49			N ABRASIVE MINERAL PROCESS	NOX 68.00T/YR MAX	B*

SOURCE TYPE CODE -- 7.3 FEED/GRAIN MILLS AND ELEVATORS

ALLEN PRODUCTS CO., INC. PA 79PA13		H GRAIN UNLOAD STATION GRINDING & BLENDING STATION	PM PH	1.00LB/H .50LB/H	B*
BROOKPORT BARGE POINT, INC IL C80008003	2.00MMBU/YR	N CLEANING DRYING HANDLING LOAD-OUT RECEIVING	PM PM PM PM	2.10LB/H .84LB/H 5.25LB/H 10.50LB/H 35.00LB/H	B*
BUNGE CORP.	MN 393A-81-I-6	30.00MMBU/YR	H BARGE LOADOUT CONVEYOR & LOA* PM	31.00T/YR	B*

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SOURCE TYPE CODE 7.3

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 7.3 FEED/GRAIN MILLS AND ELEVATORS

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS	& BASIS
CARGILL, INC.	OH 08-124	N COAL BOILER	PM SO2	.03LB/MMBTU 1.20LB/MMBTU	B* B*
CORN PRODUCTS	IL 81040028-81040*	N DUST BIN PICKUPS DUST PICKUP-ELEVATOR & CONV. FEED TRANSPORT GERM CAKE TRANSPORT GERM DRYER TRANSPORT GERM FLAKE TRANSPORT GLUTEN DRYER GLUTEN DRYER NEW FEED DRYER PELLET DUST COLLECTION SYS. STEEP VENTS SUGAR LOADING STATION	PM PM PM PM PM PM PM PM PM PM PM	1.20LB/H 1.50LB/H 2.00LB/H 1.60LB/H 2.30LB/H 4.59LB/H 2.10LB/H 1.14LB/H 8.40LB/H 1.13LB/H .60LB/H .39LB/H	L* L* L* L* L* L* L* L* L* L* L*

SOURCE TYPE CODE -- 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES

ANHEUSER-BUSCH, INC.	CA (R)LA-78-18	M STEAM BOILERS, 2 EA	NOX SO2	.27LB/MMBTU .47LB/MMBTU .21% S FUEL OIL	L* L* B*
ANHEUSER-BUSCH, INC.	TX (R)PSD-TX-246	10.00MMBBBL/YR M COAL BOILERS, 3	CO	11.20LB/H EA	B*
		OIL BOILERS, 3	NOX	.06LB/MMBTU 125.00LB/H EA .70LB/MMBTU 2.70LB/H EA	B* B* B*
COORS CO.	VA 80VA01	221.00MMBTU 3 EA N ASH SILO HANDLING SYS	PM	.32LB/H 5.00% OPACITY	B* B*

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SOURCE TYPE CODE 7.4

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE:	7.4 FERMENTATION AND ALCOHOLIC BEVERAGES			REPORT DATE 04/29/1993		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
		BOILER, COAL FIRED, 3		CO NOX PM SO2 VE VOC PM	.40LB/MMBTU .60LB/MMBTU .05LB/MMBTU .24LB/MMBTU 5.00% OPACITY .021B/MMBTU 1.29LB/H	B*
COAL BUNKERS		COAL CAR THAWING HEATER		CO NOX PM SO2 VOC PM	1.00LB/H 2.00LB/H .18LB/H 3.00LB/H 1.00LB/H .23LB/H	B*
COAL DEAD STORAGE PILES		COAL RECEIVIN		PM	5.00% OPACITY 2.86LB/H 5.00% OPACITY	B*
COAL RECLAIM FROM DEAD STORA*		COATING OVEN, CAN PLANT	PM	VOC VOC PM	.46LB/H 11.00LB/H 5.00LB/H	B*
COATING OVEN, CAN PLANT		DISTN. SYS, STARCH BREWHOUSE		VOC PM	.65LB/H 5.00% OPACITY	B*
DRY SPENT GRAIN STOR. AND HA*		DRY SPENT GRAIN STOR. AND HA*	PM	PM	1.64LB/H 5.00% OPACITY .14LB/H 5.00% OPACITY	B*
FILTER MEDIA DRYER		HANDLING SYS, DIATOMACEOUS E*	PM	PM	.65LB/H 5.00% OPACITY	B*
LIME STOR. & HANDLING SYS.		PELLET BULK STORAGE	PM	PM	.65LB/H 5.00% OPACITY .73LB/H 5.00% OPACITY	B*
PNEUMATIC SYS,STARCH UNLOAD		PNEUMATIC SYS,STARCH UNLOAD	PM	PM	1.29LB/H 5.00% OPACITY	B*
REC. SYS, BARLEY, MALT, & RI*		RICE STOR., SCREEN AND MILLI*	PM	PM	.65LB/H 5.00% OPACITY 2.59LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES
 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
				SCREENING & MILLING SYS, BARR* PM	5.00% OPACITY .65LB/H	B*
				SPENT GRAIN DRYER	PM .11LB/H	B*
				STORAGE PILE, COAL ACTIVE	PM .46LB/H	B*
				STORAGE SYS, STARCH BREWHOUSE	PM 1.29LB/H	B*
				STORAGE, COAL RECLAIM HOPPER* PM	5.00% OPACITY 2.86LB/H	B*
				N CONVEY & HANDLE	5.00% OPACITY 11.11LB/H	B*
SCHREIER MALTING CO	WI ATT-04-80-60-0*	250000.00BU/YR		KILN	PM 11.11LB/H	

SOURCE TYPE CODE -- 7.6 FERTILIZER PLANTS

AGRICO CHEMICAL CO.	FL FL-0016	1429.00T/D P205	M	PHOSPHORIC ACID PROD. LINE	FL*	.02LB/T P205	H*
AGRICO CHEMICAL CO.	FL PSD-FL-061		M	DIAMONIUM PHOSPHATE	FL* PM	.50LB/H 4.30LB/H	N*
CALIF. AMMONIA (CALAMCO)	CA SJ80-07		N	NITRIC ACID PLANT	NOX	210.00PPHM	B*
CONSERV, INC.	FL FL-076		M	SULFURIC ACID PLANT	AC* SO2	3.00LB/T 100% HNO3 333.40LB/H	H*
GARDINIER, INC.	FL PSD-FL-026	1750.00T/D H2SO4	M	SULFURIC ACID PLANT #7	AC* SO2	10.90LB/H 291.70LB/H	N*
NEW WALES CHEMICALS, INC.	FL FL-072		M	SULFURIC ACID PLANT	AC* SO2	17.20LB/H 458.30LB/H	N*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 7.6 FERTILIZER PLANTS

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	SOURCE MOD	NEW/ PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
OCCIDENTAL CHEMICAL CO.	FL PSD-FL-067	420.00T/D	M	DEFLUORINIZATION UNIT	FL*	.04LB/T .70LB/H
USS AGRI-CHEMICALS	FL PSD-FL-064	484000.00T/YR	PHOS*	M PHOSPHORIC ACID PROD. SULFURIC ACID PROD.	FL* SO2	.02LB/T P205 40.00LB/T 100% H2SO4
W R GRACE & CO	FL PSD-FL-068	115.00T/H	M	DIAMMONIUM PHOSPHATE PLANT DRYER	FL* SO2	.061B/T P205 FEED 39.00LB/H

SOURCE TYPE CODE -- 7.9 FATS/VEGETABLE OILS

ONENSBORO GRAIN CO.	KY C-81-70	360000.00T SOYBEAN*	M	BOILER, COAL FIRED, & FUEL NOX SOLVENT EXTRACTION SYSTEM SOYBEAN PREP.	NOX SO2 VOC	.70LB/MMBTU 1.60LB/MMBTU 2.90LB HEXANE/T SO*
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SOURCE TYPE CODE -- 7.11 FRUITS/VEGETABLES PROCESSING

A.E. STALEY MFG. CO.	IA	M	BOILER, COAL FIRED, 2 UNITS	NOX SO2	.60LB/MMBTU 1.60LB/MMBTU MAX 1.20LB/MMBTU - 30 *	B* B* B*
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SOURCE TYPE CODE -- 7.12 OTHER FOOD & AGRICULTURAL

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 7.12 OTHER FOOD & AGRICULTURAL							REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
BOONE VALLEY COOP.	IA	45.00MMBTU/YR	H	COAL-FIRED BOILER MEAL COOLER MEAL DRYER MINERAL OIL SCRUBBER	NOX .60LB/MMBTU SO2 2.00LB/MMBTU VOC .20GAL/T SOYBEAN *		
CAMPBELL SOUP CO.	NC NC-065	113.00MMBTU/H EA	N	BOILER	VOC .25GAL/T SOYBEAN *	VOC .07GAL/T SOYBEAN *	
CAMPBELL SOUP CO.	OH 0335010105		N	3 FLUIDIZED BED BOILERS	SO2 1.30LB/MMBTU	B*	
GENERAL FOODS CORP.	DE APC 03/074	243.00MMBTU/H	N	BOILER, COAL FIRED	PM .10LB/MMBTU SO2 1.60LB/MMBTU		
GRIFFIN INDUSTRIES	IN		N	BOILER, COAL FIRED	NOX .70LB/MMBTU PM .10LB/MMBTU SO2 3.04LB/MMBTU		
HTC INDUSTRIES	TX 8710		N	BATCH COOKERS, 6 GAS/OIL FIRED BOILERS, 2	OD* 100.000DOR UNITS CO 3.30LB/H NOX .30LB/H PM .75LB/H SO2 5.40LB/H		
KNAPPEN VYLACTOS MOLASSES MN 181-81-1-1			N	PLANT AIR FROM 6 BATCH COOKER*	OD* 100.000DOR UNITS		
LAND O'LAKES INC.	MN 787U-81-1-1	12.00MMLB/YR D*	H	DRYING DRUM FLUID BED CONVEYOR SETTLING CHAMBER SEPARATION *	PM 1.94T/YR	B*	
PACIFIC ADHESIVES COMPANY TX 6690A			N	SPRAY DRYER (MILK POWDER)	1.00T/YR		
PRODUCERS COTTON OIL CO. CA		18.00BALE/H	H	BLOOD DRYER, BLOOD DRYER, DRIED BLOOD MAN*	PM 3.00T/YR		
			H	#2 CLEANER MOIST AIR FAN	PH .01GR/SCF		

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SOURCE TYPE CODE 7.12

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 7-12 OTHER FOOD & AGRICULTURAL

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
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R. J. REYNOLDS	RF	248.00MMBTU/H, *	N	ASH HANDLING BOILER, PULVERIZED COAL FIRE*	PM .04LB/T PM .01GR/SCF PM .01GR/SCF PM .01GR/SCF	B*
				CO	.0061/MMBTU	B*
				FL*	.001B/MMBTU	B*
				HG	.0061/MMBTU	B*
				NO2	.70LB/MMBTU	N*
				PB	.0061/MMBTU	B*
				PM	.05LB/MMBTU	B*
				SO2	1.20LB/MMBTU	N*
				VOC	.01LB/MMBTU	B*
				FU*	.21LB/T	B*
				PM	.25LB/T	B*
				VOC	11.63LB/T	B*
				FU*	.01LB/T	B*
				VEHICLE TRAFFIC	.11GR/T	L*
				FU*	7.20LB/D	
R. J. REYNOLDS TOBACCO C* NC	00405-0004-P	302.60MMBTU/H	M	BOILER	NO2 .70LB/MMBTU PM .10LB/MMBTU SO2 1.20LB/MMBTU VE 20.00% OPACITY	B*

SOURCE TYPE CODE --	8.1 PRIMARY ALUMINUM PRODUCTION		
ALCOA	NC NC 078	180500.00T/YR	M ANODE PRODUCTION POT LINE 3

PM	9.00LB/H
SO2	13.00LB/H
VOC	5.00LB/H
CO2	1444.00LB/H

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SOURCE TYPE CODE 8.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.1 PRIMARY ALUMINUM PRODUCTION						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ALCOA	WA (R) PSD-X82-04	612.00T/D	M	POTLINES 1,2,3	FL* PM SO2	12.00LB/H 26.00LE/H 321.00LB/H 3.00% S IN COKE 46.00LE/T ALUMINUM
ALRECO METALS CO.	MI 342-344-81		N	AL. HOLDING FURNACE AL. REVERB. FURNACE, 3 EA	SO2 CL FL* PM SO2 PH	.52LB/MMBTU 3.00IG/CU METER 2.50IG/CU METER .03LE/MMBTU EXHAUST .52LB/MMBTU .04LE/MMBTU EXHAUST
ALUMAX PACIFIC CORP.	OR 30-0074	220000.00T/YR	N	ANODE COKE ENTIRE PLANT	SO2 FL* PM	3.00% 1.30LB/T MONTHLY AV 1.00LE/T ANNUAL AV 5.40LB/T MONTHLY AV 5.00LE/T ANNUAL AV P*
ARCO ALUMINUM	KY C-83-48		M	AL REDUCTION POTROOM LINES, 4 F	PM SO2 VE	64.10T/YR 1.90LB/T AL 358.80LE/H 10.00% OPACITY
				ANODE BUTTS CLEANING ANODE BUTTS STRIP & CRUSHER ANODE MIXERS, 3 ANODE ROD & STUB CLEANING ANODE/CATHODE MIXERS BATH STG. BIN BUTTS SURGE TANKS, 2 CENTRAL BUTTS PROCESSING COKE BALL MILL COKE CRUSHING COKE FINISH & HANDLING COKE PACKING & CONVEYING CYOLITE BATH CRUSHER	PM PM PM PM PM PM PM PM PM PM PM PM PM PM PM PM	2.00LE/H 3.30LB/H .54LB/H 1.00LE/H .94LE/H 5.10LB/H .86LE/H 3.60LE/H .86LE/H 1.30LE/H 1.20LB/H .99LE/H 12.90LE/H

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE:	8.1 PRIMARY ALUMINUM PRODUCTION			REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
ARCO ALUMINUM (CONTINUED)					
		ELECTRIC ARC FURNACES, 4 FLUID COKE CONVEYING & DIST. GREEN ANODE SCRAP STG. HOLDING FURNACES, 5	PM	2.80LB/H .86LB/H 5.10LB/H .63LB/H	
		NOX CO PM	CO	.670LB/H .37LB/H .02LB/H	
		POT DEMOLITION UNREACTED ORE STORAGE, 3 TAN*	VOC	.11LB/H 8.60LB/H .71LB/H	
		N ANODE BAKE OVENS, 2 EA WHOLE PLANT	PM	.58LB/H 1.40LB/H 11.77LB/H	B*
COASTAL ALUMINUM					
	SC SC-036			VOC	
		PM	PM	14.70LB/H	B*
SOURCE TYPE CODE -- 8.2 COKE PRODUCTION					
AIRCO CARBIDE (DIV OF AI* KY C-81-42		277000.00T/YR	N	PRODUCT HANDLING RAW MATERIAL HANDLING ROTARY KILN	PM PM CO
				NOX PM SO2 VOC	6.04T/YR 8.21T/YR 20.51T/YR 21.07T/YR 1.33T/YR 243.20T/YR 35.62T/YR
BETHLEHEM STEEL CORP.	MD 79HD03	1400000.00T/YR	M	CHARGING DOORS OVENS, 80 PUSHING	PM PM SO2 PM
					.00LB/T .05LB/T 26.00LB/H .03LB/T

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SOURCE TYPE CODE 8.2

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE:	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
8.2 COKE PRODUCTION						
GRANITE CITY STEEL	IL C808048	763.00T/D COKE	N	BATTERY STACK CHARGING COKE OVENS, PUSHING DOORS LIDS OFFTAKE PIPING	PH .03GR/DSCF PM .31LB/T PM .30LB/T PM .12LB/T PH .02GR/DSCF	L*
GRANITE CITY STEEL	IL 81 01 0067	790.00T/D COKE	N	BATTERY STACK CHARGING COKE OVENS, PUSHING DOORS LIDS OFFTAKE PIPING	PH .04LB/T COKE PM 5.00% OF OVENS PM 1.00% OF LIDS PH 4.00% OF PIPING	L*
INLAND STEEL CO.	IN PC(45)1445		N	COKE OVEN GAS DESULFURIZATION SO2 OVEN DOORS PRE-CARBONIZATION EMISSIONS PUSHING OPERATION UNDERFIRE EMISSIONS	PH .02GR/100 CF H2S PH .04LB/T COKE PM 5.00% OF OVENS PM 1.00% OF LIDS PH 4.00% OF PIPING	L*
MARTIN MARIETTA CORP.	CA (R)LA 80-03		M	CALCINING FACILITY	PH .03GR/DSCF PM 20.00% OPACITY PM .02LB/T COKE PH .10LB/MMBTU	L*
PENNSYLVANIA COKE TECHNO* WV 80WV04		210000.00T/YR	N	COMBUSTION STACK FUGITIVE TSP	SO2 131.00LB/H PH 2.55LB/T GREEN COKE	B*
REPUBLIC STEEL CORP.	OH 13-083	760.00T/D	N	CHARGING HOLE LIDS COKE OVEN DOORS	PH 785.00LB/H PH 20.20LB/H SO2 161.10LB/H	B**
					PH 2.00% OF LIDS PH 10.00% OF DOORS	

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SOURCE TYPE CODE 8.2

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.2 COKE PRODUCTION						REPORT DATE 04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS	
				METALLURGICAL COKE MFG. OFFTAKE PIPING PUSHING OPERATION WASTE GAS STACK	H2S PM PM PM	35.00GR/100 DSCF 5.00% OF PIPES .06LB/T COKE PUSH* .03GR/SCF		
<hr/>								
SOURCE TYPE CODE -- 8.4 FERROALLOY PRODUCTION								
CABOT CORP.	IN PC(34)1482		N	GRIT BLAST OPERATION ROUGH GRIND SLAB CUT OFF	PM PM PM	20.00T/YR 20.00T/YR 20.00T/YR	L* L* L*	
<hr/>								
SOURCE TYPE CODE -- 8.5 IRON & STEEL PRODUCTION								
ARMCO STEEL CORP.	MD 79ND02	95.00MT/YR MELT	M	ELECT. ARC FURNACE	PM	.01GR/DSCF 38.00LB/D	B* B*	
BAYOU STEEL	LA PSD-LA-066	145.50MCF/H	N	DUST CONTROL ELECT. ARC FURNACES, 2	SO2 PM SO2	.20LB/H 2.19LB/H .09LB/H	B* B* B*	
BETHLEHEM STEEL CORP.	PA 79PA07	1.20MMT/YR ST*	M	DESULFURIZATION ELECT. ARC FURNACE	PM CO PH	.00GR/DSCF 140.00LB/H .00GR/DSCF	B* B* B*	
				ELECT. ARC FURNACE MATERIAL HANDLING	PM PM	.12LB/H 8.50LB/H .00% OPACITY .00GR/DSCF .55LB/H	B* B* B* B* B*	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.5 IRON & STEEL PRODUCTION						REPORT DATE 04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ PROCESS MOD.	DESCRIPTION	EMISSION LIMITATIONS & BASIS			
CAMERON IRON WORKS	TX TX-233		H VAC. ARC DEGREASING/VAC.	02 * CO	8.00LB/H VAD	B*	B*	
CHAPANAL STEEL CO.	TX PSD-TX-136	8000000.00T/YR	H AUTO SHREDDING SECOND. & TER*	PM	13.00LB/H			
			AUTO SHREDDER PRIMARY COLLECT*	PM	10.00LB/H			
			BILLET HEAT FURNACES, 2	CO	4.80LB/H EA			
			ELECT. ARC FURNACES, 2	PM	1.90LB/H EA			
			MELT SHOP ROOF MONITORS, 2	CO	855.00LB/H EA			
				PM	15.60LB/H EA			
				CO	45.00LB/H EA			
				PM	26.40LB/H EA			
FLORIDA STEEL CORP.	FL PSD-FL-074	71.00T/H	H BAGHOUSE EFFLUENT FURNACE	VE	3.00% OPACITY			
				CO	58.50LB/H			
				NOX	1.10LB/H			
				PM	.01GR/DSFC			
			SHOP ROOF-CHARGING CYCLE	SO2	20.00LB/H			
			SHOP ROOF-TAPPING CYCLE	VE	20.00% OPACITY			
				VE	40.00% OPACITY			
FLORIDA STEEL CORP.	TN	20000'0.00LB/H	N DIRECT ARC MELTING FURNACE	** CO	1343.70LB/H	B*	B*	
			REHEAT FURNACE	PM	.01GR/SCF			
				PM	16.00LB/H			
				SO2	193.60LB/H			
KENTUCKY ELECTRIC STEEL * KY C8076			H FURNACE A	PM	1.65LB/H			
			FURNACE B	PM	1.65LB/H			
				PM	24.30T/YR			
LUFKIN INDUSTRIES, INC.	TX (R)PSD-TX-379	50.00T/H IRON	H CUPOLA	CO	9.00LB/T IRON	B*	B*	
ROANOKE ELECT. STEEL CO.	VA 78VA06	40.00T/H	H FURNACE, ELECT. ARC, UNIT #4	PM	.01GR/SCF	N*	N*	
STD SLAG CO., REPUB. STE* OH 13-1005			H SLAG COOLING	H2S	.22LB/T SLAG			
				PM	.50LB/T SLAG			

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.5 IRON & STEEL PRODUCTION						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION		EMISSION LIMITATIONS	& BASIS
THE TIMKEN CO.	OH 1576051246	1.10MMT/YR	N BILLET GRINDERS, 6 EA. BOILERS, 3 EA.	PM CO NOX	.02GR/DSCF .04LB/MMBTU .25LB/MMBTU	
			CONTINUOUS CASTER DEGASSER-REFINER ELECT. ARC FURN	PM SO2 PM CO PM	.02LB/MMBTU .55LB/MMBTU .01GR/DSCF .01GR/DSCF .90LB/T STEEL .01GR/DSCF	
			HOT SCARFING LADLE DRYER LADLE PREHEATER MELT SHOP BINS AND TRUCK DUMP MERCHANT MILL FURNACE	PM PM NOX PM CO	.01GR/DSCF .02LB/MMBTU .25LB/MMBTU .01GR/DSCF .04LB/MMBTU	
			REHEAT FURNACE	PM PM SO2 CO NOX	.02LB/MMBTU .02LB/MMBTU .55LB/MMBTU .04LB/MMBTU .25LB/MMBTU	
			SOAKING PITS	PM SO2 CO NOX	.02LB/MMBTU .55LB/MMBTU .04LB/MMBTU .25LB/MMBTU	
			TUBE MILL	CO NOX	.04LB/MMBTU .25LB/MMBTU	
			TUNDISH PREHEATER	PM SO2 CO	.02LB/MMBTU .55LB/MMBTU .04LB/MMBTU	
U.S. STEEL/DUQUESNE WORKS RA 78PA18		500.00MLB/H	N IRON DESULFURIZATION FACILITY	PM	4.80LB/H	
YOUNGSTOWN STEEL CORP.	OH 0250090622/02-*		N EAF & CONTINUOUS CASTER	PM	.01GR/DSCF	
					**	
					N*	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE:	8.5 IRON & STEEL PRODUCTION		NEW/ PROCESS MOD DESCRIPTION		EMISSION LIMITATIONS & BASIS		REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE					
ALUMINUM CO. OF AMERICA OH P104		10500.00T HYDRAUL*	N HYDRAULIC PRESSES	PM	1.20LB/H .00GR/DSCF		
BARNET OF KENTUCKY, INC. KY C-83-039			M DROSS FURNACES, 4	PM	30.00LB/H 86.00T/YR		
CONSOLIDATED ALUMINUM CO* TN		44000.00LB/H	N COIL COATING LINE COLD MILL DELACQUERING KILN & ELECT. F* PM	VOC VOC PM	.60LB/GAL COATING 19.70LB/H .02GR/SCF	L* L* B*	
GMC, CENTRAL FOUNDRY DIV IN PC(47)1486			N ELECT. INDUCTION AL. MELTING* PM SAND BLAST SYS.	PM	13.00T/YR 16.00T/YR		
GREATER TENNESSEE METALS* TN		15000.00LB/FURNACE	N ROTARY FURNACE, 2	PM SO2	4.40LB/H EA 3.10LB/H	B* B*	
KAISER ALUMINUM & CHEMIC* IN PC (47) 1481			N DELACQUERING DRYER OXIDE DRYER ROTARY FURNACE SALT DRYER SHREDDING OPERATION	PM	7.00LB/H		
MARTIN MARIETTA OF KENTU* KY C-77-71		150000.00LB/H CAST*	M AL SCRAP RECYCLING SCHREDDER	PM	9.64LB/H .64LB/T SCRAP 1.20LB/H		
			DROSS COOLING	PM	.71LB/T DROSS		
			HOLDING FURNACES, 6	NOX	16.90LB/H		
				PM	11.74LB/H		
				SO2	54.30LB/H		
				PM	7.14LB/H		
			INDUCTION FURNACES, 6 MELT & HOLD FURNACES, 3	PM	79.23LB/H		
				PM	44.30T/YR		
			PAINT LINES, 2	VOC	125.93LB/H		
			REVERB	NOX	205.70T/YR		
				PM	3.10LB/H		
					2.33LB/H		

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.8 SECONDARY ALUMINUM						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
METAL RESOURCES, INC.	TN			REVERBS, 3 ROLLING MILL	SO2 PH SO2 PH 1.97LB/H 6.40T/YR	10.10LB/H 79.23LB/H 96.90LB/H 4.10LB/H 4.60LB/H 21.30LB/H
WILMER PROCESSING DIV.	WI NAA-04-80-54-0*			N CRUSHING, SCREENING, & BALL * PH ROTARY FURNACES, 4	PH SO2	B* B*
				N ROTORY FURNACES VIBRATING SCREEN	PH PH	1.00LB/H 1.00LB/H
						L*
						*

SOURCE TYPE CODE -- 8.11 GRAY IRON FOUNDRIES						
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	
BRILLION IRON WORKS	WI ATT-04-80-08-0*			N BONDING ADDING SYS. POURING AREA EXHAUST SAND HANDLING NET COLLECTOR EXHAUST	PH PH PH PH	.01GR/SCF .01LB/NLB GAS .02GR/SCF .02GR/SCF
CYCLONE IRON FOUNDRIES	TX 8340	3.00T/H		N CASTING CLEANING INDUCTION FURNACE SAND SHAKEOUT SAND STORAGE	PH PH PH PH	.80LB/H .20LB/H 6.80LB/H .50LB/H
DANA CORP.	IN PC(70)1489			N RBC INDUCTION MELTING FURNAC*	PH	9.00T/YR 1.00T/YR
LULING IRON FOUNDRY	TX PSD-TX-272	1.30T/H		N INDUCTION FURNACE	PH PH PH PH	.23LB/H .10LB/H .03LB/H .01LB/H 5.70LB/H

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SOURCE TYPE CODE 8.11

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.11 GRAY IRON FOUNDRIES
REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
LYNCHBURG FOUNDRY	VA 79VA02	13.00T/H	H	# 115 DOWNDRAFT TABLES & GRI* PM	.37LB/T PROC. WT.	B*
				BLAST MACHINES #111 & 112	4.81LB/H	B*
				BLAST MACHINES #113 & 114	.15LB/T PROC. WT.	B*
					1.05LB/H	B*
					1.16LB/T PROC. WT.	B*
					.96LB/H	B*
UNIVERSAL FOUNDRY CO.	WI MAN-04-80-71-0*		N	GAS FIRED PREHEATING FURNACE	.04LB/MLB GAS	L*
				HOLDING FURNACE	.04LB/MLB GAS	L*
				ROTORY SHAKEOUT MACHINE, 2 EA	.04LB/MLB GAS	L*
				SAND HANDLING SYS.	.04LB/MLB GAS	L*
VERMONT CASTINGS	VT		N	CUPOLA FURNACE	CO	L*
					47.00LB/H	
					2000.00PM	
					1.00LB/H	
WAUPACA FOUNDRY PLANT #2	WI MAA-06-80-69-99		H	CUPOLA	PM	L*
W-K-M VALUE DIV. OF ACF * TX PSD-TX-288	300.00MOLDS/H		H	BLOWER STACK	6.47LB/H	L*
				BLOWER STACK	5.00LB/H	L*
				OVENS, 2	.50LB/H	L*
					.55LB/H EA	L*
SOURCE TYPE CODE -- 8.12 SECONDARY LEAD SMELTING						
HAMMOND LEAD PROD., HALS* IN 665 & 676				LITHARGE HANDLING	PM	.20LB/H
P.B. CO.	IN PC(43)1488			MATL. BLENDING	PM	.05LB/H
				N ROTARY FURNACE	PM	5.00T/YR

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.13 SECONDARY MAGNETIUM SMELTING				REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
ALLIED CHEMICAL CORP.	DE 80DE02	78800.00T/YR MGO	M	REGEN FACILITY,MGO	

SOURCE TYPE CODE -- 8.14 STEEL FOUNDRIES

ABEX CORP.	PA 79PA03	260.00MT/YR	N	ARC FURNACES	CO PM	14.80LB/H 1.55LB/H STACK, EA*	B*
				CORE BAKING	PM	.13LB/H	B*
				CORE MAKING	PM	.12LB/H	B*
				GRAPHITE MACHINING	PM	.05LB/H	B*
				METAL POURING	PM	.29LB/H	B*
				MOLD SPRAYING	PM	.05LB/H	B*
				SAHND HANDLING	PM	.70LB/H W/O RECL*	B*
				WHEEL CLEANING	PM	3.62LB/H WITH RECL*	B*
				WHEEL PEENING	PM	1.02LB/H	B*
				WHEEL PICKOUT	PM	.29LB/H	B*
					PM	.56LB/H	B*
INTERNAT. METALS RECLAMA* PA 78PA11		41.00MT/YR	N	ELECT. ARC FURNACE MILL SCALE PREPARATION PELLET DRYER	PM	6.50LB/H .86LB/H	B*
				PNEUMATIC UNLOAD	PM	.15LB/H	B*
				ROTARY HEARTH FURNACE	PM	.06LB/H	B*
				ROT. HEARTH FURN. FEED. PREP.	PM	2.40LB/H .41LB/H	B*
K O STEEL CASTING, INC.	TX C6789	4.00T	N	ELECTRIC ARC FURNACE	NOX PM	.60LB/H 1.20T/YR 3.10LB/H 6.40T/YR	B*
STRUCTURAL METALS, INC.	TX 8248	60.00T/H	N	ELECTRIC ARC FURNACES	CO PM	3.10LB/H 13.50T/YR 17.10LB/H 75.00T/YR	B*

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SOURCE TYPE CODE 8.14

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.14 STEEL FOUNDRIES						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 8.19 ORE CRUSHING AND GRINDING						
NATIONAL STEEL PELLET CO. MN 62-81-1-9			N	PELLET CONCENTRATOR MILL LIN* PM	3.30T/YR	B*
SOURCE TYPE CODE -- 8.22 OTHER METALLURGICAL PROCESSES						
AIRCO CARBON	NY		N	CARBOTTOM BAKE/REBAKE ELECTR* CO GRAPHITE KILN	.04LB/H	B*
ATLAS MINERALS	UT MAJ 110382-2T	300.00LB/H	N	V205 FUSION FURNACE	PM	.02GR/DSCF
CUYAHOGA SHELLING & PROC* OH 13-931			N	DROSS CHARGING & WASHING	PM	.03GR/DSCF
				DRYING	PM	.03GR/DSCF
DAYTON WALTHER CORP.	KY C-82-160			BARRAL BLAST	PM	.77LB/DT
				FIRE-HEATER-NG, 2 FURNACES	PM	.68T/YR
LAKE SIDE SLAG	IL C80 05 049		N	RETURN SAND SYSTEM	PM	12.78LB/H
			N	SAND HANDLING	PM	23.00T/YR
			N	HAUL ROAD	PM	20.00LB/H
			N	PLANT ROADS	PM	36.00T/YR

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.22 OTHER METALLURGICAL PROCESSES						REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	HEM/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
PRIMARY & SECONDARY CRUSHERS*							
STOCKPILES							
SMITH INTERNATIONAL, INC. NV		156600.00LB/MONTH	N	ATTRITION MILLS, 6 EA	HE*	40.00T/YR	B*
SUPERIOR GRAPHITE	KY C-80-9	36000.00T/YR	H	COKE HANDLING	PM	5.40LB/H	
				GRAPHITE FURNACE	PM	16.80T/YR	
				GRAPHITE FURNACE, 2	PM	5.40LB/H	
				H2*	PM	16.80T/YR	
				MATERIAL, PRODUCT LOADING	PM	739.00T/YR	
				PRODUCT HANDLING	PM	11.40LB/H	
				RESEARCH GRAPHITE FURNACE	PM	47.90T/YR	
				N RAIL CAR SHOT BLASTING	PM	8.44LB/H	
					PM	35.47T/YR	
TRINITY INDUSTRIES INC	TX 8524					.01GR/ACF	
WISCONSIN CENTRIFUGAL	WI MAN-12-DFS-82-*			H CASTING MACHINE	PM	.01GR/DSCF	L*
				INDUCTION FURN., 3, HOLD.	PM	1.30LB/T	L*
				INDUCTION FURN., 6, MELT.	PM	.01GR/DSCF	L*
				FU*	PM	1.30LB/T	L*
					PM	.01GR/DSCF	L*
WISCONSIN CENTRIFUGAL IN*	WI MAN-12-DFS-82-*	3.00T/H	M	INDUCTION FURNACES, 2	PM	1.30LB/T	A*
WISCONSIN CENTRIFUGAL IN*	WI MAN-12-DFS-82-*	6900.00LB/H	M	INDUCTION FURNACES, 2	PM	1.30LB/T	A*
WISCONSIN CENTRIFUGAL IN*	WI MAN-12-DFS-82-*	3.00T/H	M	VERTICAL CASTING MACHINES, 2	PM	.00LB/H	
WISCONSIN CENTRIFUGAL IN*	WI MAN-12-DFS-82-*	6900.00LB/H	M	VERTICAL CASTING MACHINES, 2	PM	.00LB/H	L*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.1 ASPHALT BATCHING PLANTS		COMPANY NAME		STATE & PERMIT	SOURCE SIZE	NEW/ MOD PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS	
ALBANY	WI MAA-03-80-23-0*			N ASPHALT MIX		PM .04GR/DSCF		
ASPHALT PRODUCTS CORP.	SC PSD-SC-030	220.00T/H	N ASPHALT PLANT	PM 53.00LB/H	B*			
BERKS PRODUCTS CORP.	PA 79PA16	250.00T/H MAX	N DRUM MIX ASPHALT PLANT	PM 6.01LB/H .04GR/DSCF	B* B*			
B.R. AMON & SONS, INC.	WI ATT-05-80-65-0*	347.00T/H	N DRUM MIX PLANT	PM .04GR/DSCF				
C.F. CONSTRUCTION CO.	MS MS-028							
E.E. MOORE PAVING, INC.	WV 79WV02	120.00T/H	N HOT MIX ASPHALT PLANT	PM .03GR/DSCF 5.80LB/H	N* N*			
E.J. BREHMAN INC.	PA 79PA08	300.00T/H	N DRUM MIX ASPHALT PLANT	PM .01GR/DSCF 2.60LB/H	B* B*			
FRANCIS O. DAY CO., INC.	MD 78MD10	200.00T/H	N ASPHALT PLANT	PM .03GR/DSCF 8.70LB/H	B* B*			
GENNARO ASPHALT CO., INC	OH PTI 02-793	400.00T/H	N DRUM MIX ASPHALT CONCRETE PL.* PM	PM .04GR/DSCF	N*			
HIGHWAY PAVERS, INC.	WI ATT-04-80-41-0*	414.00T/H 5% H2O	N MIX PLANT	PM .04GR/DSCF				
INDIANHEAD BLACKTOP INC	WI (R)MIA-10-KAM*		N ASPHALT MIX	CO 5.58T/YR NOX 5.58T/YR PM 5.40T/YR SO2 110.21T/YR VOC 27.90T/YR	N*			
IVERSON CONSTRUCTION CO* WI ATT-04-80-22-0*			N FUGITIVE DUST MIX PLANT	PM .04GR/DSCF				
J.F. CLECKLEY & CO.	SC PSD-SC-029	250.00T/H	N ASPHALT	PM 42.00T/YR SO2 110.00T/YR	B* B*			
J.H. RUDOLPH & CO., INC.	IN EPA-5-A-80-13		ASPHALT BATCH PLANT	PM .04GR/DSCF				

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SOURCE TYPE CODE 9.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.1 ASPHALT BATCHING PLANTS				REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
KEOWN SUPPLY CO.	TX 8781	230.00T/H	N	DRUM MIXER	PM SO2 9.00LB/H 8.00LB/H
KOKOSING MATERIALS, INC	OH 0342000022P001		N	ASPHALT CONCRETE PLANT	PM .04GR/DSCF
L.A. REYNOLDS	NC NC-053	130.00T/YR HOT *	N	ROTARY DRYER	PM 25.20T/YR
MARVIN V. TEMPLETON AND * VA 79VA04		160.00T/H	N	HOT MIX ASPHALT PLANT	PM 6.40LB/H
MATHY CONSTRUCTION CO.	WI MIA-CUB(DLJ)-8*	495.00T/YR		DRUM MIX ASPHALT PLANT	PM .04GR/DSCF
MATHY CONSTRUCTION CO. P* WI MAA-03-80-42-0*				N MIX PLANT	PM .04GR/DSCF
MILLCREEK TOWNSHIP	PA 79PA05	40.00T/H	N	DRUM MIX ASPHALT PLANT	PM .04GR/DSCF
MILLER ASPHALT PRODUCTS,* MD 79HD01		20000.00T/YR	N	PLANT	PM 20.00% CAPACITY MAX
MORGANTOWN ASPHALT CO.	WV 79WV05	366.00T/H	N	ASPHALT BATCH PLANT	PM 6.80LB/H
M.A. LAYMAN & SONS	VA 79VA06	240.00T/H	N	HOT MIX ASPHALT PLANT	PM .04GR/DSCF
PAYNE & DOLAN INC.	WI (R)MIA-IRS-82*	400.00T/H	N	ASPHALT MIX	CO 14.17T/YR
PAYNE & DOLAN INC., WAUK*	WI ATT-04-80-20-0*	300.00T/H	N	FUGITIVE DUST MIX PLANT	NOX 170.30T/YR PM 48.36T/YR SO2 90.22T/YR VOC 2.83T/YR
					SO2 .50 PM .04GR/DSCF

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE:	9.1 ASPHALT BATCHING PLANTS				REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION		EMISSION LIMITATIONS	& BASIS
PENDLETON CONSTRUCTION C* VA 79VA10		300.00T/H	M BARBER-GREEN ASPHALT PLANT	PM	13.50LB/H 20.00% OPACITY	B*
REIN, SCHULTZ, & DAHL	WI (R)MIA-10-DLJ*		N ASPHALT MIX	CO	.41.60T/YR	B*
				NDX	.40T/YR, ACTUAL	
				PM	.40T/YR, ACTUAL	
				PM	.18.56T/YR	
				PM	.05T/YR, ACTUAL	
				PM	.04GR/DSCF	
				SOX	83.10T/YR	
				SOX	.80T/YR, ACTUAL	
				VE	20.00% OPACITY	
				VOC	219.00T/YR	
				PM	36.00T/YR	B*
				PM	2.00T/YR, ACTUAL	
RGK INDUSTRIES	NC NC-062	300.00T/YR HOT *	N ASPHALT	PM	36.00T/YR	B*
ROCKROAD OF WISCONSIN	WI MIA-10-KJC-82-*	400.00T/H	N ASPHALT MIX	PM	8.40T/YR	
				PM	8.90T/YR	
				PM	.40GR/DSCF	
				PM	20.00% OPACITY	
				SOX	12.60T/YR	
RODNEY RASMUSSEN CO.	UT	210.00T/H	N ASPHALT PLANT	PM	.04GR/DSCF	B*
STEELSTONE	ME	150.00T/H	N AGGREGATE HANDLING & ROADS	PM	.04GR/DSCF	N*
			N ASPHALT BATCHING ROADS	PM	.04GR/DSCF	N*
STORY ASPHALT-PAVING	AL AL-076	100.00T/H	N ASPHALT BATCH 1	PM	.04GR/DSCF	N*
SUPERIOR SAND & ASPHALT *	WV 78AV01	250.00T/H	N ASPHALT PLANT	PM	.04GR/DSCF	B*
				PM	11.00LB/H	B*
SYKESVILLE CONSTRUCTION *	MD 78MD02	158.00T/H	N PLANT	PM	7.30LB/H	B*
				PM	.03GR/SCHU	B*

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SOURCE TYPE CODE 9.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.1 ASPHALT BATCHING PLANTS							REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS	
THE HORVITZ CO.	OH 13-945	400.00T/H	N	HOT ASPHALT CONCRETE DRUM MI* PM HOT ASPHALT CONCRETE DRUM MI* VE	.04GR/DSCF 20.00% OPACITY	B*	
TRI-STATE ASPHALT CORP.	OH 06-669		N	BARBER-GREENE DM-66 ASPHALT * PM	.04GR/DSCF		
WINDSOR SERVICES, INC.	PA 79PA06	185.00T/H	N	PLANT	PM	6.13LB/H	B*
ZARLENGO BROS., INC.	PA 79PA25	110.00T/H	N	ASPHALT BATCH PLANT	PM	.04GR/DSCF 4.50LB/H	B*

SOURCE TYPE CODE -- 9.2 BRICKS, CERAMIC, AND RELATED CLAY PRODUCTS

D. M. STEWARD CO.	TN 23-C,24-C,25-C	N	#1 SILO BIN VENT #2 SILO BIN VENT #3 SILO BIN VENT	PM PM PM	9.60LB/H 9.60LB/H 4.90LB/H	B* B* B*	
GEORGIA KAOLIN CO.	GA (R)PSD-GA-073	281000.00T/YR	BAUER MILLS SPRAY DRYER	PM PM	.02GR/DSCF .02GR/DSCF	B* B*	
INTERNATIONAL AMERICAN C* OK T81-14	130.00T/D	N	BISQUE DRYER DRYER/KILNS RAW MATERIALS PREP SPRAY DRYER TILE KILNS	PM PM PM PM	.65LB/H 40.80T/YR 4.60LB/H 4.60LB/H .65LB/H	B* B* B* B*	
KAI SER REFRactories NATI* CA (R)NCC 80-01		N	DOLORNILE KILNS, #3	NOX SO2	192.00LB/H 61.10LB/H		
			DOLORNILE KILNS #1	NOX SO2	79.70LB/H 41.90LB/H		
			DOLORNILE KILNS #2	NOX SO2	79.70LB/H 41.90LB/H		

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.2 BRICKS, CERAMIC, AND RELATED CLAY PRODUCTS						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS		
MILCHEM	AR (R)PSD-AR-144	N	HANDLING/STORAGE RAILCAR LOADOUT ROTARY DRYER	PM PM PM	1.00LB/H 1.00LB/H 4.20LB/H	B* B* B*
<hr/>						
SOURCE TYPE CODE -- 9.3 REFRactories						
JOHN MANSVILLE SALES CORP TX PSD-TX-263			AL. STORAGE SILO BOILER, 2 DOLOMITE LIME STORAGE FIBER PROD. UNIT FIBER PROD. UNIT FIBER PROD. UNIT FIBER PROD. UNIT LIMESTONE STORAGE SILOS, 2 SILICA STORAGE SILO	PM PM PM PM PM PM PM	.01LB/H .06LB/H 3.53LB/H 2.10LB/H 3.10LB/H 2.35LB/H .01LB/H	
KAISER REFACTORIES	CA (R)NCC 80-02	M	KILNS, #1,2,3	NOX	515.00LB/H TOTAL	
<hr/>						
SOURCE TYPE CODE -- 9.4 PORTLAND CEMENT MANUFACTURING						
CALIF. PORTLAND CEMENT CO CA (R)SJ-78-73		M	CLINKER COOLER CLINKER TRANSFER COAL HILL FOR KILN COAL MILL FOR PREHEATER CONVEYOR & TRANSFER, ADDITIV*	PM	121.00LB/H	B*
			CONVEYORS & TRANSFER CONVEYORS, CLINKER COOLER DUMP HOPPER RECLAIM, ADDITIV*			
			HOTGEN. SILOS RECLAIM			

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE:		9.4 PORTLAND CEMENT MANUFACTURING				REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS & BASIS
HOMOGEN. SILOS, FEED SYS HOMOGEN. & KILN, ROLLER MILL KILN FEED						
		MILLS & SCREENS		PROD. CONVEYOR, ROLLER MILL PRECALCINER - KILN PULVERIZER	PM SO2 PM	36.00LB/H 616.00LB/H 5.00LB/H
				RECLAIM CONVEYORS, ADDITIVES* RECLAIM & CONVEYORS, LIMESTONE* ROLLER MILL & FEED, ROLLER MILL SAMPLE SYS, SURGE SILO SAMPLE SYS, SURGE SILO RECLAIK SILOS RECLAIM, ROLLER MILL SILOS, ROLLER MILL STORAGE BLDG & STACKER, LIME* STORAGE BUILDING, ADDITIVES * TRUCK DUMP HOPPER, ADDITIVES *		B* B* B*
CREOLE CORP.	CA (R)SE-78-09	1.10MMT/YR	N	CLINKER COOLER	PM	10.20LB/H .01GR/DSCF EA
				INPLANT ROADS OTHER FM POINT SOURCES PREHEATER/KILN MILL (2)	PM NOX	.02GR/ACFM 213.00LB/H 175.00PPM AT 10:02 23.70LB/H
					PM	.02GR/DSCF EA
					SO2	78.30LB/H 46.00PPM 10:02
					SO2	266.00LB/H 156.00PPM AT 10:02
				QUARRY HAUL ROADS RAW MATL. HANDLING & CONVEYER* RAW MATL. & COAL STOCKPILES	PM PM	10.00% OPACITY 10.00% OPACITY

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SOURCE TYPE CODE 9.4

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.4 PORTLAND CEMENT MANUFACTURING						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS & BASIS
DAL-TEX CEMENT	TX C-8996	2900.00T/D	N	CEMENT KILN COAL HANDLING	PM	.30LB/T FEED N*
				FINISH MILLS	VE	20.00% OPACITY
					PM	78.00T/YR
DIXIE CEMENT CO.	TN		N	CLINKER COOLER KILN	PM	15.87LB/H NOX 110.00LB/H
					PM	.30LB/T KILN FEED
					SO2	33.09LB/H 4.16LB/H
FLORIDA MINING & MATERIA* FL FL-063		108.00T/H	N	CLINKER COOLER ROTARY KILN	PM	.07LB/T KILN FEED
IDEAL BASIC CEMENT	UT MIN 042582-.INT	100000.00T/YR	N	CEMENT BINS	PM	.20LB/T FEED B*
KAISER CEMENT & GYPSUM C* CA SFB-78-03		1.60MTH	N	CLINKER COOLER	PM	.02GR/DSCF
				KILN COAL SYS	PM	5.30LB/H .01GR/DSCF
				KILN-MILL, #1 & 2	PM	3.50LB/H .02GR/DSCF
					NOX	1158.00LB/H
					PM	18.00LB/H .02GR/DSCF
					SO2	481.00LB/H 185.00TPM
					PM	B* 3.50LB/H .02GR/DSCF
LAS VEGAS PORTLAND CEMENT NV NSR-4-7-1 NV-8*		6000.00T/D	N	CLINKER COOLER, 2 KILN, 2	PM	40.00LB/H .01GR/DSCF
					VE	10.00% OPACITY
					BE	.03LB/D
					CO	30.00LB/H
					NOX	281.00LB/H
					PM	115.00PPM 98.00LB/H
						B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
		NEW/ MOD		
LONESTAR FLORIDA PENNSUC* FL (R)PSD-FL-028		20000.00T/D	M CEMENT KILN CLINKER COOLER	PM .01GR/DSFC PM 260.00LB/H 2 H AV B*
LONESTAR FLORIDA PENNSUC* FL PSD-FL-050		137.00T/H	M CEMENT KILN	PM .01GR/DSFC PM 72.00PPM, 2 H AVG B*
LONESTAR INDUSTRIES INC.	TX PSD-TX-174	1.00MMT/YR	N ADDITIVE BIN ADDITIVE RECLAIM TRANSFER ADITIVE RECLAIM TRANSFER AIR SEPERATORS, 2 CEMENT STORAGE SILO, 2 CLINKER BINS CLINKER COOLER CLINKER COOLER DISCHARGE CLINKER RECLAIM CLINKER SCREENING COAL MILL FEEDER - CALCINER COAL MILL FEEDER - KILN COAL RECLAIM TRANSFER FEED ELEVATOR DISCHARGE FEED ELEVATOR LOAD FINISH MILL 1 & 2 FRINGE BIN HOMOGENIZING SILO HOMOGENIZING SILO DISCHARGE *	PM .50LB/H PM .30LB/H PM .50LB/H PM 3.90LB/H EA PM .90LB/H EA PM .10LB/H PM 22.00LB/H PM .30LB/H PM .90LB/H PM .80LB/H PM .30LB/H PM .30LB/H PM .30LB/H PM .30LB/H PM .30LB/H PM .30LB/H PM .30LB/H PM 1.30LB/H PM .20LB/H PM 360.00LB/H PH 30.60LB/H PH 960.00LB/H
LONESTONE BIN				SO2 PH .50LB/H
LONESTONE RECEIVING				PH .20LB/H
LONESTONE RECLAIM TRANSFER				PH .30LB/H

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OR EMISSION LIMITS REQUIRED TO 0.00 SEE APPENDIX:

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

LONESTAR INDUSTRIES INC. (CONTINUED)						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
LONESTAR INDUSTRIES INC.	WA (R) PSD-X82-03	750000.00T/YR	N	CEMENT KILN AND MILL	NOX 300.00LB/H PM 1314.00T/YR .01GR/ACF	
				RAIL LOAD RAW STORAGE FEED BELT ROLLER MILL SURGE BIN TRUCK AND RAIL UNLOAD WASTE DUCT BIN	PM .70LB/H .60LB/H .30LB/H .50LB/H .10LB/H	
LONESTAR PORTLAND CEMENT	UT	1.70MT/D	N	ADD. RECLAIM AIR SEPARATOR ALKALI BYPASS	PM .51LB/H PM 3.86LB/H PM 3.00LB/H	B*
				CEM SILO BUCKET CEM SILO LDOUT CLK COOL ELEV CLK COOLER	VE 20.00% OPACITY PM .69LB/H PM 2.14LB/H PM .33LB/H	B*
				CLK RECL COAL CRUSHER	PM 11.10LB/H VE 20.00% OPACITY PM .58LB/H PM .59LB/H	B*
				COAL MILL COAL MILL SURGE FINISH MILL FRINGE BIN	VE 10.00% OPACITY PM 1.71LB/H VE 10.00% OPACITY PM .34LB/H PM 2.57LB/H PM .26LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

				REPORT DATE 04/29/1983			
				EMISSION LIMITATIONS & BASIS			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD PROCESS DESCRIPTION				
		GYP BIN LDOUT HI-LIME LDOUT KILN GASES	PM PM NOX	.43LB/H .21LB/H 1.60LB/T FEED	B*	B*	B*
			SO2	236.60LB/H .60LB/T FEED	B*	B*	B*
		LIMESTONE RECL PREHEAT BUCKET PRIME CRUSHER RAW MATL BIN RAW MATL BIN RAW MATL RECL. RAW MILL	PH PH PH PH PH PM PM VE	64.50LB/H .51LB/H .17LB/H 2.15LB/H .26LB/H .17LB/H .51LB/H 12.00LB/H 20.00% OPACITY	B*	B*	B*
		RAIML SURGE BIN SECOND CRUSHER SILO ELEVATOR SILO RELAIM SILO TYPE II SILO TYPE V SILO 2 EA SILO-CLK-1 SILO-CLK-2 TRANS CONVEY. TRANS TOWER WASTE BIN	PM PM PM PM PM PM PM PM PM PM PM PM PM PM PM	.51LB/H 1.03LB/H .21LB/H .21LB/H .86LB/H .35LB/H .51LB/H EA .26LB/H .26LB/H 1.03LB/H .51LB/H .26LB/H	B*	B*	B*
		MONOLITH PORTLAND CEMENT* CA (R)ISE 78-11.	H	CLINKER COOLER	PM	12.90LB/H .01GR/DSCF	N*
		KILN DUST RECYCLE ROTARY KILN	BE	21.40LB/H .02GR/DSCF	N*	N*	N*
			NOX	260.00LB/H PH	B*	N*	B*
			SO2	.03GR/DSCF 300.00LB/H	N*	N*	B*

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SOURCE TYPE CODE

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE:	9.4 PORTLAND CEMENT MANUFACTURING				REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
SOUTHWESTERN PORTLAND CE* TX (R) PSD-TX-352*	4000.00T/D	M BLEND SILO		PM	1.23LB/H
		CLINKER COOLER		PM	.10LB/T D FEED
		CLINKER COOLER		PM	.40LB/H
		CLINKER STORAGE BIN		PM	.16LB/H
		CLINKER TRANSFER		PM	.48LB/H
		COAL BIN		PM	.21LB/H
		COAL CRUSHER		PM	.21LB/H
		COAL MILL		PM	4.25LB/H
		COAL TRANSFER		PM	.26LB/H
		COAL UNLOAD		PM	.29LB/H
		CONVEYOR TRANSFER		PM	3.52LB/H
		DUST BIN		PM	.21LB/H
		HOMOGINIZING SILO		PM	2.54LB/H
		HOMOGINIZING SILO		PM	.16LB/H
		KILN LEVEL TANK		PM	.79LB/H
		KILN 1, COAL FIRED		SO2	1.12LB/MMBTU
		KILN 2, COAL FIRED		SO2	1.12LB/MMBTU
		KILN 3, COAL FIRED		NOX	.52LB/MMBTU
				PM	.32LB/MMBTU
				PM	.30LB/T D FEED
				SO2	.49LB/MMBTU
		RAW MILL		PM	.71LB/H
		RAW MILL		PM	1.19LB/H
		ROAD OUT		PM	.01LB/H
		STORAGE PILE		PM	.53LB/H
		TRAFFIC AROUND PILE		PM	.05LB/H
		TRAVELING STACKER		PM	.01LB/H
		TRUCK DUMPING		PM	2.35LB/H
		TRUCK LOAD		PM	5.84LB/H
		2 CEMENT SILOS		PM	.32LB/H EA
		2 CLINKER STORAGE BINS		PM	.32LB/H EA
		3 CEMENT SILOS		PM	1.11LB/H EA
		4 CLINKER TRANSFERS		PM	.21LB/H EA
		M ROTARY KILM, COAL FIRED		SO2	2.41LB/MMBTU
SOUTHWESTERN PORTLAND CE* TX (R) PSD-TX-351	775.00T/D				

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.4 PORTLAND CEMENT MANUFACTURING				REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS	
TEXAS CEMENT CO.	TX TX-194	2750.00T/D	M BLENDING SILOS CEMENT BAG PACKING CLINKER COOLER COAL & GYPSUM HANDLING FINISH MILL FINISH SILO KILM AND RAW MILL MATERIAL CRUSHING	PM PM PM PM PM PM PM PM	3.10LB/H 1.80LB/H 6.60LB/H 3.20LB/H 6.00LB/H 2.10LB/H 240.00LB/H 33.70LB/H 502 5.90LB/H	B* B* B* B* B* B* B* B*	

SOURCE TYPE CODE -- 9.5 CEMENT (OTHER THAN PORTLAND) MANUFACTURING

ASH GROVE CEMENT CO.	NE	1800.00T/D	CLINKER COOLER COAL GRINDING SYS KILN FEED SYS KILN	PM	.01GR/ACFM
ATLANTIC CEMENT CO., INC.	MD 03-6-0932	100.00T/H	N BARGE AND SHIP LOADING CONVEYING & MILLING FLUIDIZED BED SLAG DRYER ROADS STOCKPILES	PM PM PM	.02GR/DSCF .02GR/DSCF .02GR/DSCF
BANKS CONSTRUCTION CO.	SC PSD-SC-032	375.00T/H	N CEMENT KILN	PM	17.50LB/H
BEHIVE CEMENT, SANTAGUI* UT		1.50HT/D	N BIN FEED-CLK	PM	.50LB/H
			CEM HILL FD	VE	10.00% OPACITY
			CEM ML CIRC	VE	10.00% OPACITY
			CEM PACK SYS	VE	2.00LB/H
				PM	10.00% OPACITY
					.70LB/H

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE:	9.5 CEMENT (OTHER THAN PORTLAND) MANUFACTURING			REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
			CEM SILO B&F	VE PH 10.00% OPACITY .10LB/H B*
			CEM SILO COLL. & EA	VE PH 10.00% OPACITY .30LB/H EA B*
			CEM SILO LDOUT 4 EA	VE PH 10.00% OPACITY .70LB/H EA B*
			CEM SILO TOP	VE PH 10.00% OPACITY 1.50LB/H B*
			CLK CONV SYS, 4	VE PH 10.00% OPACITY .50LB/H B*
			CLK COOL VENT	PH 10.35LB/H B*
			COAL RECL BIN	VE 10.00% OPACITY B*
			COAL RECL PILE	VE 10.00% OPACITY B*
			GYP BIN FEED	PH .50LB/H B*
			INACT.PILE ERO	VE 10.00% OPACITY B*
			KILN	VE 1.80LB/H B*
			KILN/RAWML EXH	VE 10.00% OPACITY B*
			LIMESTN BINFD	PH 14.30LB/H B*
			LIMESTONE CONV	VE 20.00% OPACITY .40LB/H B*
			LIVE PILE EROS	VE 10.00% OPACITY B*
			RAW MATL BIN FD	PH .47LB/T FEED 10.00% OPACITY B*
			RAW MATL TRANS.	PH 14.30LB/H B*
			RAWML ADD CRUSH	VE 10.00% OPACITY B*
			RAWML CIR EQ	PH .50LB/H B*
				VE 10.00% OPACITY B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.5 CEMENT (OTHER THAN PORTLAND) MANUFACTURING					REPORT DATE 04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE	SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
MARTIN MARIETTA-LEAMINST* UT	1.80MT/D	N	ALKALI BYPASS ALKALI BYPASS ALKALI BYPASS BLEND & KILN FEED	RAMM FD SYS	PM VE	1.10LB/H 10.00% OPACITY	B*
					PM PH VE	.80LB/H .30LB/H 20.00% OPACITY	B*
					PM PH VE	.80LB/H 10.00% OPACITY	B*
					PM PH PM	10.20LB/H 10.00% OPACITY .40LB/H	B*
					PM PM VE	.40LB/H .20LB/H 10.00% OPACITY	B*
					PM PM VE	3.10LB/H 10.00% OPACITY 10.00% OPACITY	B*
					PM PM VE	3.10LB/H 10.00% OPACITY 10.00% OPACITY	B*
					PM PM VE	3.10LB/H 10.00% OPACITY 10.00% OPACITY	B*
					P1 P1 NOX	1.40LB/H 5.00LB/H 101.50LB/H	B*
					PM PM VE	2.30LB/H 10.00% OPACITY 10.00% OPACITY	B*
					SO2	.80LB/T FEED .77LB/T FEED	B*
					VE	98.80LB/H 10.00% OPACITY	B*
					PM PM PM VE	18.20LB/H 10.00% OPACITY 1.50LB/H 10.00% OPACITY	B*
					PM PM PM VE	18.20LB/H 20.00% OPACITY .90LB/H .60LB/H	B*
						10.00% OPACITY	B*

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SOURCE TYPE CODE 9.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.5 CEMENT (OTHER THAN PORTLAND) MANUFACTURING							REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS	
MARTIN MARIETTA-LEAMING* (CONTINUED)							
				SILO/LDOT-COAL STORAGE PILES 2ND BLEND & KILN FEED	VE VE PM VE	10.00% OPACITY 10.00% OPACITY .30LB/H 10.00% OPACITY	B*
ETSI							
	AR 700-A	15500.00T/D	N	BOILER, COAL	NOX PM SO2 PM	.70LB/MMBTU .10LB/MMBTU 1.20LB/MMBTU .03GR/DSCF	N*
				THERMAL DRYER, 9			N*
	AR 705-A	15900.00T/D	N	BOILER, COAL	NOX PM SO2 PM	.70LB/MMBTU .10LB/MMBTU 1.20LB/MMBTU .03GR/DSCF	N*
				THERMAL DRYER			N*
				COAL GASIFICATION UNIT	CO SO2	77.00LB/H 3H AV 50.00PPMV, DRY, DAY*	N*
				GAS TURBINE	CO NOX	77.00LB/H 3H AV 50.00PPMV, DRY, DAY*	N*
					SO2	140.00LB/H 3H AV 50.00PPMV, DRY, DAY*	N*
						35.00LB/H <.7% S FU*	
						175.00LB/H >.7% S FU*	
SOUTHERN CA EDISON COALW* CA SE80-01							

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SOURCE TYPE CODE 9.7

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.7 COAL CLEANING (THERMAL DRYER)						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
CONSOL PENNSYLVANIA COAL* PA 82PA01		1.46MMT/YR DRY	N	THERMAL DRYER	NOX .60LB/MMBTU PM .03GR/DSCF SO2 1.90LB/MMBTU	N*
METTIKI COAL	MD	N		THERMAL DRYERS	PM .01GR/DSCF SO2 31.70LB/H 20.50FPM 78.60LB/H	
SOURCE TYPE CODE -- 9.8 GLASS FIBER MANUFACTURING						
CERTAINTEED CORP.	CA (R)SJ 80-02	M	FURNACE, GLASS MELTING	NOX 55.90LB/H GAS 40.00LB/H OIL		
PPG INDUSTRIES	TX (R)PSD-TX-290	N	BOILERS, 2	NOX 4.80LB/H PM .23LB/MMBTU SO2 .01LB/H	B*	B*
				PM .30LB/H SO2 .01LB/MMBTU NOX .00LB/MMBTU PM .21LB/MMBTU	B*	B*
				DRYING OVENS, 12	PM .01LB/H SO2 .01LB/MMBTU NOX .20LB/H PM .01LB/H	B*
					SO2 .01LB/H NOX .01LB/MMBTU PM .01LB/H	B*
					FL*	4.10LB/MMBTU N. GAS
					FL*	.06LB/MMBTU N. GAS 4.10LB/MMBTU FUEL OIL
					NOX .06LB/MMBTU FUEL *	B*
					NOX 109.00LB/H N. GAS	B*
					NOX 1.51LB/MMBTU N. GAS	B*
					NOX .85LB/H FUEL OIL	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.8 GLASS FIBER MANUFACTURING

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/MOD PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
				1.18LB/MMBTU FUEL *	B*
				.001LB/H N. GAS	H*
				.04LB/MMBTU NAT. G*	N*
				3.45LB/H FUEL OIL	N*
				.05LB/MMBTU FUEL *	N*
				.001LB/H N. GAS	B*
				.81LB/MMBTU N. GAS	B*
				93.50LB/H FUEL OIL	B*
				1.30LB/MMBTU FUEL *	B*
				.33LB/H	
				.13LB/H	B*
				.23LB/MMBTU	B*
				.01LB/H	
				.02LB/MMBTU	
				.001LB/H	B*
				.001LB/MMBTU	B*

SOURCE TYPE CODE -- 9.9 FRIT MANUFACTURING					
GUARDIAN INDUSTRIES CORP. TX	600.00T/D	N	GLASS MELTING FURNACE STACK	NOX PM SO2	.50LB/T .06LB/T .13LB/T

SOURCE TYPE CODE -- 9.11 GLASS MANUFACTURING					
BALL CORP.	CA SAC-79-02	H	FURNACE, BOTTLE GLASS MELTING NOX	6.30LB/T GLASS PUL*	75.00LB/H
GUARDIAN INDUSTRIES CORP. CA SJ-78-86		M	GLASS MELTING FURNACE #2	NOX	340.00LB/H

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.11 GLASS MANUFACTURING							REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS			
PPG INDUSTRIES	IL C 912026	750.00T/D	M	FLOAT GLASS PLANT	NOX PM SO2	13.00LB/T GLASS PROD .60LB/T GLASS FRO* 1.60LB/T GLASS PROD	N*	
PPG INDUSTRIES	MD 79MD05	8.00T/H	M	GLASS FURNACE	NOX PM SO2	1.46LB/MMBTU 11.50LB/H 8.00LB/H	B* B* B*	
SOURCE TYPE CODE -- 9.12 GYPSUM MANUFACTURING								
CONTINENTAL LIME, INC	UT	150.00MT/YR	M	CALC. PLANT COAL BIN STOR FINISH PROD CRUSH	PM VE PM VE PM VE	.30LB/T FEED 10.00% OPACITY .00LB/H 20.00% OPACITY 4.20LB/H 20.00% OPACITY	B*	B*
U.S. GYPSUM	TX PSD-TX-255	425.00MTCF/YR	M	CALCINED GYPSUM STORAGE BIN DRYING KILNS, 6 END SAWING EQUIPMENT LAND PLASTER STORAGE BIN MACHINE DRY MIXING EQUIP. POST STUCCO TREATMENT EQUIP. STORAGE PILE	PM PM PM PM PM PM	.30LB/H .70LB/H 3.00LB/H .30LB/H 1.20LB/H .60LB/H 1.50LB/H		

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SOURCE TYPE CODE 9.13

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.13 LIME MANUFACTURING							REPORT DATE 04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS			& BASIS		
ARMCO INC. - PIQUA MINER*	OH 08-362	40000.00LB/H	N LIMESTONE CLASSIFIER	PM	.02GR/DSCF	B*	5.00LB/40000	LB PE*	B*
CHEMSTONE CORP.	VA 20252	M COAL HANDLING	PM	1.32T/YR			.20LB/T LIMESTONE*		
DAN RIVER, INC.	VA 30242	M LIME KILN, COAL FIRED	PM						
DOMTAR INDUSTRIES, INC.	PA 80PA02	10.40T/H QUICK*	M ROTORY KILN, NO.1 COAL-FIRED	NOX	1.50LB/T LIMESTONE	B*	PM		
J.E. BAKER CO.	OH EPA-5-A-80-15	M LIME KILN	SO2	.18LB/T LIMESTONE	N*		1.13LB/T LIMESTONE	B*	
			PM	.03GR/DSCF					

SOURCE TYPE CODE -- 9.14 MINERAL WOOL MANUFACTURING

TEXACO, INC.	CA NCC-78-04	M STEAM GEN., 3 EA	SO2	.58LB/MINBTU	B*
		WASTE GAS INCIN.	SO2	2.00%/S FUEL OIL	B*
				9.00LB/H	B*
U.S. GYPSUM	IN EPA-5-A-80-14	M CUPOLA SPINNER PRIMARY & SECOND. CYC	CO	61.00LB/H	
		PM		9.00LB/H	
U.S. GYPSUM	OH EPA-5-A-80-16	N CUPOLA	CO	5.35LB/T PROC. WT.	
			PH	32.00LB/H MAX	
				.15LB/T PROC. WT.	
				.90LB/H MAX	
			SO2	1.60LB/T PROC. WT.	
				9.60LB/H MAX	
		FIBERIZATION PROCESS (FIBERI* PH		.52GR/CF	
				179.00LB/H	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.14 MINERAL WOOL MANUFACTURING					REPORT DATE 04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
<hr/>							
SOURCE TYPE CODE -- 9.15 PERLITE MANUFACTURING							
CAROLINA STALITE	NC NC-0082	N KILN, 2 EA		PM SO2	16.00LB/H EA 1.20LB/MMBTU EA		B*
SOURCE TYPE CODE -- 9.16 PHOSPHATE ROCK PROCESSING							
ESTECH GENERAL CHEMICALS	FL PSD-FL-036	N ROCK DRYER		PM	.02GR/DSCF		N*
MOBIL CHEMICAL CO.	FL AC53-2005	475.00T/H ROCK *	M ROCK DRYER	PM	52.00LB/MT 24.90LB/H		B*
				SO2	19.40LB/H		B*
SOURCE TYPE CODE -- 9.17 STONE QUARRYING, SAND/GRAVEL							
COAL INDUSTRY SERVICES C* VA 79VA11		50.00T/H	M	ROTARY AGGREGATE DRYER	FU* PH	20.00% OPACITY 2.60LB/H	B*
CONCRETE MATERIALS INC.	NY NONE	2000.00T/D	N	CONVEYERS DROP POINTS 1, 2, 3 ROCK CRUSHERS	PH	20.00% OPACITY 70.00T/HR	S*
GAF CORP.	PA 79-PA-20	120.00T/H	M	CRUSHER CRUSHING MILL #1	PH PH PH	.31LB/H 2.10LB/H 1.09LB/H	B*

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SOURCE TYPE CODE 9.17

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.17 STONE QUARRYING, SAND/GRAVEL
REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/100 PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
MARTIN MARIETTA AGGREGATE* IN PC(10)1483			MILL #2 MILL #3 STORAGE	PM PM PM	.21LB/H 1.92LB/H .62LB/H
MARYLAND MATERIALS, INC.	MD 78HD06	1.12MMT/YR	N HAMMERMILL CRUSHER	PM	.18LB/H
MID-CONTINENT MATERIALS,* OK T79-004			N CONVEYORS PRIMARY CRUSHER RECRUSH/SCREEN SECONDARY CRUSHER STOCKPILES TRUCK LOADING	PM PM PM PM PM	6.48LB/H 13.30LB/H 1.80LB/H 1.10LB/H 1.10LB/H 12.20LB/H 7.80LB/H
WALDRON CRUSHED STONE CO. IN PC(73)1478		400.00T/H	N PRIMARY & SECONDARY CRUSHER	PM	117.00T/YR
<hr/>					
SOURCE TYPE CODE -- 9.18 TACONITE ORE PROCESSING					
CONOCO, INC.	OH 06-552		N GASIFIER	NOX PM SO2	.60LB/MMBTU .06LB/MMBTU 1.60LB/MMBTU
TEENNESSEE EASTMAN CO.	TN		GASIFIER SULFUR RECOVERY	CO H2S CO VOC	.56LB/H .01LB/H .63LB/H .45LB/H
TEENNESSEE EASTMAN CO.	TN		N BOILER, 2	CO NOX PM SO2 VOC	.07LB/MMBTU .60LB/MMBTU .04LB/MMBTU 1.20LB/MMBTU .03LB/MMBTU
					L*

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SOURCE TYPE CODE 9.18

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.18 TACONITE ORE PROCESSING						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS	& BASIS	
SOURCE TYPE CODE -- 9.19 MINING OPERATIONS						
SHELL OIL CO.-BUCKSKIN M* WY		6.00MMT/YR	SURFACE MINE			
SOURCE TYPE CODE -- 9.21 OTHER MINERAL PRODUCTS INDUSTRY						
AM MATERIALS CONSTRUCTION WI ATT-04-80-18-0*		30.00T/H	N SAND DRYER	PM	6.40LB/H MAX	
ANSELCO COAL, FULTON MINE IN PC(23)1470		130.00T/H	N COAL MINING LOADING ROTARY BREAKER SCREENS AND TRANSFER POINTS STOCK PILES TRUCK DUMP	PM PM PM PM PM	6.67T/YR 2.70T/YR 9.46T/YR 4.06T/YR 6.76T/YR	
BADGER MINING CORP.	WI ATT-04-08-24-0*	75.00T/H	N SAND DRYER SAND STOCKPILES	PM	.08LB/MLB GAS	
GENERAL CASTING CORP.	WI NAA-03-80-68-0*		N SAND HANDLING SYSTEM	PM	.08LB/MLB GAS	L*
LONE STAR POLYMER CONCRETE* VA 60230			N POLYMER CONCRETE MIXER	VOC	11.70LB/H 9.90T/YR	
MULLITE CO.	GA GA 064	250.00T/H	N ROTARY KILNS	PM	9.42LB/H	
PATRICK COAL CORP.	VA 61010		N CONVEYORS RAIL CAR DUMPER	VE VE	5.00% OPACITY 5.00% OPACITY	

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SOURCE TYPE CODE 9.21

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.21 OTHER MINERAL PRODUCTS INDUSTRY
 ====== REPORT DATE 04/29/1983 ======

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
PPG INDUSTRIES	NC NC-056	200750.00T/YR	N	RAW MATERIAL STORAGE	PM SO2	.1.70LB/H 6.20LB/H .08LB/H .16LB/H 2.39LB/H 7.40LB/H .08LB/H
SIN ELECT. POWER	TX PSD-TX-130		N	LIGNITE DISCHARGE CHUTE LIGNITE RECLAIMING LIGNITE STORAGE PILES LIGNITE TRUCK UNLOAD HOPPER LIMESTONE CAR HOPPER	PM PM PM PM	.08LB/H .16LB/H 2.39LB/H 7.40LB/H .08LB/H

SOURCE TYPE CODE -- 10.1 KRAFT PULP MILLS

ALABAMA KRAFT	AL PSD-AL-067	M	BOILER, WOODWASTE	NOX PM SO2	.30LB/MMBTU .10LB/MMBTU .00LB/MMBTU
ALABAMA RIVER PULP CO., * AL 1-06-0010-X001*	1000.00ADTP/D	N	BROWN STOCK WASHERS DIGESTERS EVAPORATORS LIME KILN	TRS TRS TRS PM	.50SEC AT LEAST 1* .50SEC AT LEAST 1* .50SEC AT LEAST 1* .13GR/DSCF AT 10%*
			POWER BOILER	TRSS NOX PM	5.00PPM AT 10% O2 .70LB/MMBTU .23GR/DSCF AT 50%*
			RECOVERY BOILER	SO2	2033.00T/YR
			SMELT TANK	PM TRS PM	.04GR/DSCF AT 8% * 5.00PPM AT 8% O2 .20LB/T BLS

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10-1 KRAFT PULP MILLS						REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
BONWATER CAROLINA CO.	SC (R)P/C-46-210*	900.00T/D ADP	N	RECOVERY FURNACE	PM SO2 TRS	.04GR/DSCF 300.00PPM 5.00PPM	H*
				SMELT DISSOLVING TANK	PM TR	.20LB/T BLS .02LB/T BLS	H*
CHAMPION INTERNAT. CORP.	MI 33-80		N	COAL-FIRED BOILER	NOX PM SO2 PM	.70LB/MMBTU .06LB/MMBTU 1.20LB/MMBTU .07GR/DSCF	H*
				LIME KILN	SO2 PM	120.00LB/H 8.00PPM BY VOL	H*
				LIME, COAL, & ASH HANDLING &* REC. BOILER, BLACK LIQUOR FUEL	PM PM TR	.03GR/DSCF .04GR/DSCF 5.00PPM BY VOL	H*
				SMELT DESOLVING TANK	PM TR	.20LB/T BLS .01LB/T	H*
CHESAPEAKE CORP.	VA 40126		H	LIME KILN	PM	88.60T/YR .13GR/DSCF AT 10%*	H*
					TRS	5.11T/YR 8.00PPM AT 10% 02	H*
CONTAINER CORP. OF AM	AL PSD-AL-061		H	BOILER, COAL/WOOD FIRED	NOX PM SO2	350.00LB/H 100% COAL 426.00LB/H 100% WOOD 51.15LB/H 100% COAL 60.80LB/H 100% WOOD	H*
					PM	613.25LB/H 60.80LB/H 100% WOOD	H*
CONTAINER CORP. OF AM	FL FL-062		H	BOILER, COAL/WOOD WASTE	PM SO2	472.00T/YR 5363.00T/YR	H*
FEDERAL PAPERBOARD CO.	NC NC-001	1095.00MBTU/H	N	BOILER	PM SO2	.04GR/CF 979.00T/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS							REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION		EMISSION LIMITATIONS	& BASIS	
FEDERAL PAPERBOARD CO.	NC 4924	2300.00T/D ADP	N BROWN STOCK WASHERS NO.5 LIME KILN NO.4	SO2 CO NOX PM	16.20LB/H 405.00LB/H 40.50LB/H .13GR/DSCF 10% 02	A* A* A* N*	
			POWER BOILER NO.6	SO2 CO NOX NOX PH SO2	.8.10LB/H .05LB/MMBTU COAL .70LB/MMBTU COAL .30LB/MMBTU OIL .20LB/MMBTU GAS .10LB/MMBTU 1.20LB/MMBTU COAL .80LB/MMBTU OIL	A* A* N* N* N*	
FEDERAL PAPERBOARD CO.	NC NC-061	1095.00MMBTU/H	N SMELT DISSOLVING TANKS	PH SO2	.20LB/H .07LB/T BLS	B* B*	
GEORGIA-PACIFIC CORP.	AR PSD-AR 317	H BOILER, WOOD FIRED		CO	24.00LB/H .11LB/MMBTU	N* N*	
GEORGIA-PACIFIC CORP.	LA (R)PSD-LA-0041	H WOOD-FIRED BOILER		NOX NOX PH	26.00LB/H .12LB/MMBTU 25.00LB/H .09LB/MMBTU 26.70LB/H .10LB/MMBTU 24.70LB/H .01LB/MMBTU	B* B* B*	
HAMMERMILL PAPER	AL PSD-AL-062	750.00T/D	H BATCH DIGESTERS #6, #7 & #8 BROWN STACK WASHER #2 LIME KILN	TRS TRS PM	.50SE AT 1200 DE* 11.00LB/H .07GR/DSCF AT 10%* .13GR/DSCF AT 10%*	N* N* N*	
			RECOVERY BOILER #1	SO2 TRS PM	111.00T/YR 6.00PPM AT 10% 02 4.00LB/ADTP	B* N* N*	
				SO2 TRS	272.00LB/H 20.00PPM		

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS				REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
HAMMERMILL PAPER (CONTINUED)							
				RECOVERY BOILER #2	CO NOX PM SO2 TR\$.456-.60LB/H 114-.20LB/H 66-.20LB/H 1901.00T/YR .00PPM AT 8% 02	B*
				SMELT DISSOLVING TANK	PM SO2 TR\$.20LB/T BLS 11.40LB/H .02LB/T BLS	H* B*
INDEPENDENT KRAFT CORP.	AL 413-0025-X001 *	800.00ADTP/D	N	BROWN STOCK WASHER CONDENSATE STRIPPER CONTINUOUS DIGESTER GENERATOR, FOSSIL FUEL STEAM	TR\$ TR\$ TR\$ CO NOX PM SO2 CO NOX PM	.50SEC AT LEAST 1* .50SEC AT LEAST 1* .50SEC AT LEAST 1* 117.00LB/H .70LB/MMBTU .10LB/MMBTU 1.20LB/MMBTU 318.00LB/H 31.80LB/H .07GR/DSCF AT 10%* .13GR/DSCF AT 10%*	B*
				LIME KILN			
				MULTIPLE EFFECTS EVAPORATORS RECOVERY BOILER	TR\$ TR\$ CO NOX PM SO2 TR\$ PM SO2 TR\$	6.40LB/H 8.00PPM AT 10% 02 .50SEC AT LEAST 1* 63.60LB/H 31.80LB/H .04GR/DSCF AT 8% *391.00LB/H .50PPM AT 8% 02 .20LB/T BLS 3.18LB/H .02LB/T BLS	H*
				SMELT TANK	PM SO2 TR\$		
INTERNATIONAL PAPER CO.	LA (R)PSD-LA-295		H	BOILER	CO NOX NOX	.15LB/MMBTU .69LB/MMBTU COAL .20LB/MMBTU GAS .30LB/MMBTU OIL	B*

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SOURCE TYPE CODE 10.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS & BASIS
INTERSTATE PAPER CORP.	GA 2631-089-8091	346.00MMBTU/H	M	BOILER	NOX PM SO2	.30LB/MMBTU .10LB/MMBTU .30LB/MMBTU B* B* N* N*
KIRBY FOREST INDUSTRIES	TX TX-231	1000.00T/D	N	LIME KILN	CO NOX PM SO2 TRS PM CO	41.70LB/H 3.30LB/H 51.70LB/H 86.70LB/H 3.50LB/H .20LB/H 3.12LB/H .06LB/MMBTU B* B* N* N* B* B* B* B*
				LIMESTONE RECEIVING POWER BOILER	NOX PM SO2 CO	371.00LB/H .70LB/MMBTU 53.00LB/H .01LB/MMBTU 636.00LB/H 1.20LB/MMBTU 7.50LB/H 82.60LB/H .09LB/MMBTU B* N* N* N* B* B* B* B*
				RECHIPPER CYCLONE RECOVERY BOILER	NOX PM CO	67.80LB/H .07LB/MMBTU 83.40LB/H .09LB/MMBTU 434.00LB/H .46LB/MMBTU 6.10LB/H .01LB/MMBTU 2.70LB/H 14.10LB/H 1.20LB/H B* B* N* N* B* B* B* B*
				SALT CAKE RECEIVING SLAKER SCRUB SMELT TANK	PM PM TRS	.01LB/MMBTU 2.70LB/H 14.10LB/H 1.20LB/H NOX .70LB/MMBTU .10LB/MMBTU B* B*
LEAP RIVER FOREST	MS MS 035	650.00T/D	N	BOILER, BARK & COAL FIRED	PM	.70LB/MMBTU .10LB/MMBTU B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS						REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD PROCESS DESCRIPTION	EMISSION LIMITATIONS			& BASIS
LONGVIEW FIBRE	WA DE 80-602	2580.00T/D ADP	N KRAFT RECOVERY FURNACE #22	CO NOX PM TRS	.63LB/MMBTU .13GR/DSCF 6.00PPM 458.00LB/H	B*	
			LIME KILN	PH TRs	.04GR/DSCF 5.00PPM	N*	
			RECOVERY BOILER	PH SO2	.04GR/DSCF 300.00PPM	B*	
			SMELT DISSOLVING TANK	TRs PM TRS	5.00PPM AT 8% FUEL .30LB/T ADP .17LB/T BLS	B*	
						N*	
OLINKRAFT	LA (R)PSD-LA-037	N BOILER		CO NOX PM TRS	91.70LB/H 45.80LB/H .04GR/DSCF 5.00PPM	B*	
PORT ST. JOE	FL FL-075	882.00MMBTU/H	N BOILER, BARK	VE VOC PM TRS	25.00%, 6 MIN PERIOD 45.80LB/H .04GR/DSCF GAS 8.00PPM 12 H AV	B*	
POTLATCH	ID	90.00T/H BLS	N RECOVERY BOILER	VE TRs TRS	25.00%, 6 MIN PERIOD 8.00PPM .02LB/T LIQUOR FI*	B*	
				PM SO2	.10LB/MMBTU .73LB/MMBTU	B*	
				CO NO2 PH	25.20LB/H 264.00LB/H 88.21LB/H	H*	
			BOILER, OIL-FIRED	SO2 CO NO2 PH	705.70LB/H 25.20LB/H 226.80LB/H 75.60LB/H	N*	
				SO2	604.80LB/H	H*	
				CO NOX	1223.00LB/H 321.00LB/H SEE NOTE 3	N*	

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SOURCE TYPE CODE 10.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS							REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS			& BASIS
FOTLATCH (CONTINUED)							
SCOTT PAPER	AL AL 068	45.80T/H ADP	M COAL PREP PLANT EVAPORATORS RECOVERY BOILER	PM 20.00% OPACTY TR5 .50SEC AT 1200 DE*	PM 58.00LB/H SEE NOTE 2 CO 770.00LB/H	.03GR/DSCF NOX 242.00LB/H	B*
			SMELT TANK	PM NOX 402.00T/YR	PM 400.00LB/H SEE NOTE 1 CO 700.00LB/H	.04GR/DSCF NOX 344.00LB/H	B*
				PM .20LB/T BLS	PM 1003.00T/YR	5.00PM .20LB/T BLS	B*
			SMELT TANK	SO2 4.60LB/H	TR5 .02LB/T BLS	5.00PM .02LB/T BLS	B*
			WOODWASTE/COAL COMBUSTION 15*	SO2 NOX .70LB/MMBTU	PM .10LB/MMBTU	NOX .10LB/MMBTU	N*
				SO2 1014.00LB/H	PM 92.00LB/H ANNUAL AV	NOX 100.00LB/H	B*
SIMPSON LEE PAPER CO.	CA (R)NSR-4-4-4 *		N GAS TURBINE & WATE HEAT BOIL*	CO NOX			
SIMPSON LEE PAPER CO.	CA 80-PO-17	220.00T/D	N LIME KILN	PM	.15GR/DSCF		
SIMPSON LEE PAPER CO.	CA 74-PO-23	220.00T/D	N RECOVERY BOILER	PM	.15GR/DSCF		
ST REGIS PAPER CO.	FL FL 066		M BARK-COAL BOILER, UNIT #3	SO2	1.20LB/MMBTU	N*	
			M BARK-COAL BOILER, UNIT #4	SO2	327.00LB/H	N*	
			M BARK FIRED BOILER	PM	1.20LB/MMBTU	N*	
					.10LB/MMBTU		

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS						REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
ST REGIS PAPER CO.	ME ME AEL-13-47	614.00MMBTU/H	H	ADJACENT TOWN OF BUCKSPORT R* COAL & BIOMASS HANDLING EXISTING ROADS & PARKING HEN ROADS TEIP CONSTRUCTION ROADS		SO2 .64LB/MMBTU	N*
UNION CAMP CORP.	AL 201-0001-X008,*	2300.00ADTP/D	H	BROWN SET WASHER COAL PREP DIGESTER EVAPORATORS GENERATOR, FOSSIL FUEL STEAM	PM SO2 TRS TRS TRS NOX PH	.08LB/MMBTU 1.20LB/MMBTU .50SEC AT LEAST 1* .50SEC AT LEAST 1* .50SEC AT LEAST 1* .70LB/MMBTU .10LB/MMBTU	B* N*
ST. REGIS PAPER CO.		814.00MMBTU/H	H	BOILER, BIOMASS FUEL	PM SO2	.08LB/MMBTU 1.20LB/MMBTU	
NO. 2 LIME KILN					PH	.07GR/DSCF AT 10%*	
NO. 2 RECOVERY BOILER					TR	.13GR/DSCF AT 10%*	
NO. 2 SHELT DISSOLVING TANKS					PM TRS PM TRS	8.00PPM AT 10% 02 .04GR/DSCF AT 8% 02 5.00PPM AT 8% 02 .20LB/T BLS .02LB/T BLS	
UNION CAMP CORP.	SC (R)P/C-40-128	2250.00T/D	N	BOILERS, COAL/WOODWASTE BOILERS, COAL/WOODWASTE BOILERS, COAL/WOODWASTE BOILERS, COAL/WOODWASTE BOILERS: COAL/WOODWASTE BOILERS, COAL/WOODWASTE	CO CO CO NOX NOX NOX PH	.11LB/MMBTU .11LB/MMBTU .11LB/MMBTU .70LB/MMBTU .70LB/MMBTU .10LB/MMBTU	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
BOILERS, COAL/WOODWASTE	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	PM	.10LB/MMBTU
BOILERS, COAL/WOODWASTE	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	PM	.10LB/MMBTU
BOILERS, COAL/WOODWASTE	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	SO2	1.20LB/MMBTU
BOILERS, COAL/WOODWASTE	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	SO2	1.20LB/MMBTU
BOILERS, COAL/WOODWASTE	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	SO2	1.20LB/MMBTU
BOILERS, COAL/WOODWASTE	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	VE	20.00% OPACITY
BOILERS, COAL/WOODWASTE	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	VE	20.00% OPACITY
BOILERS, COAL/WOODWASTE	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	VE	20.00% OPACITY
KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	CO	2.00LB/T ADP
KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	CO	2.00LB/T ADP
KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	CO	2.00LB/T ADP
KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	NOX	210.00PPMV DRY T
KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	NOX	210.00PPMV DRY T
KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	NOX	210.00PPMV DRY T
KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	NOX	210.00PPMV DRY T
KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	PM	.04GR/DSCF
KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	PM	.04GR/DSCF
KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	PM	.04GR/DSCF
KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	SO2	230.00PPMV DRY T
KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	SO2	230.00PPMV DRY T
KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	SO2	230.00PPMV DRY T
KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	TRs	5.00PPMV DRY T
KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	TRs	5.00PPMV DRY T
KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	KRAFT RECOVERY BOILER	CO	.00LB/T ADP	TRs	5.00PPMV DRY T
LIME KILN	LIME KILN	LIME KILN	CO	.00PPMV DRY T	CO	8.00PPMV DRY T
LIME KILN	LIME KILN	LIME KILN	CO	.00PPMV DRY T	CO	8.00PPMV DRY T
LIME KILN	LIME KILN	LIME KILN	CO	.00PPMV DRY T	CO	8.00PPMV DRY T
LIME KILN	LIME KILN	LIME KILN	CO	.00PPMV DRY T	NOX	.85LB/MMBTU
LIME KILN	LIME KILN	LIME KILN	CO	.00PPMV DRY T	NOX	.85LB/MMBTU
LIME KILN	LIME KILN	LIME KILN	CO	.00PPMV DRY T	PM	.13GR/DSCF
LIME KILN	LIME KILN	LIME KILN	CO	.00PPMV DRY T	PM	.13GR/DSCF
LIME KILN	LIME KILN	LIME KILN	CO	.00PPMV DRY T	SO2	.20LB/T ADP
LIME KILN	LIME KILN	LIME KILN	CO	.00PPMV DRY T	SO2	.20LB/T ADP
LIME KILN	LIME KILN	LIME KILN	CO	.00PPMV DRY T	SO2	.20LB/T ADP
LIME KILN	LIME KILN	LIME KILN	CO	.00PPMV DRY T	TRs	10.00LB/T ADP

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS							REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS			
UNION CAMP CORP. (CONTINUED)								
WESTERN KRAFT	KY KY-162	5<0.00T/H	N	LIME KILN	TR	10.00LB/T ADP		
WESTVACO CORP.	SC SC-037	1500.00T/D ADP	N	FURNACE	PM	.04LB/MMBTU	B*	
			N	#10 RECOVERY BOILER	NOX	.25LB/MMBTU	B*	
					PM	.03GR/DSCF	B*	
					SO2	250.00PPM	B*	
					TRS	.02LB/T BLS	H*	
					NOX	.70LB/MMBTU	H*	
					PM	.10LB/MMBTU	H*	
					SO2	1.20LB/MMBTU	H*	
						1.20LB/MMBTU		
WESTVACO CORP. - FIVE PA* KY C-77-123		600.00ADT	N	POWER BOILER, BARK	NOX	.30LB/MMBTU LIQ. *	N*	
					PM	.70LB/MMBTU SOLID*	N*	
					SO2	.10LB/MMBTU	B*	
						46.30LB/H	B*	
						1.20LB/MMBTU SEE N*	B*	
						469.60LB/H	B*	
						20.00LB/H		
WEYERHAEUSER CO.	MS PSD-MS-027	186000.00T/YR	N	FUEL HANDLING SYSTEM	PM	100.00PPM	B*	
			N	LIME KILN	NOX	.13GR/DSCF	N*	
					SO2	50.00PPM	B*	
					TRS	8.00PPM	H*	
						70LB/MMBTU COAL	H*	
						.30LB/MMBTU OIL	H*	
						.10LB/MMBTU	N*	
						1.20LB/MMBTU COAL	N*	
						.80LB/MMBTU OIL	N*	
						70.00PPM	B*	
						.04GR/DSCF	N*	
						100.00PPM	B*	
						5.00PPM	H*	
						.20LB/T BLS	N*	
						50.00PPM	B*	
						.02LB/T BLS	N*	

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SOURCE TYPE CODE 10.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS							REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ PROCESS MOD	DESCRIPTION	EMISSION LIMITATIONS			& BASIS
WILLIAMETTE INDUSTRIES, * KY C-80-24		1200000.00T/YR	M	LIME KILN WOOD WASTE BOILER	PM SO2 NOX PM SO2	.15GR/DSCF 5.03LB/H .70LB/MMBTU NOTE#1 .04LB/MMBTU .32LB/MMBTU		B* B* B* B* B*
SOURCE TYPE CODE -- 10.2 WOOD PULPING (OTHER THAN KRAFT)								
AUGUSTA NEWSPRINT CO.	GA 2621-121-8497	400.00MMBTU/H	N	BOILER	NOX PM SO2	.30LB/MMBTU BARK/* .20LB/MMBTU BARK/* .10LB/MMBTU .80LB/MMBTU 298.00LB/H		H* H* H* H*
BEAR ISLAND PAPER CO.	VA 50840		M	BOILER, WOOD/COAL FUEL	NOX PM SO2	1210.00T/YR WOOD FUEL 1210.00T/YR COAL FUEL 205.00T/YR WOOD FUEL 174.00T/YR COAL FUEL 1638.00T/YR WOOD FUEL 2092.00T/YR COAL FUEL		N* N* N* N* N* N*
FLAMBEAU PAPER CORP.	WI MAA-10-CMB-81-*	150000.00LB/H	M	COAL BUNKER STACK COAL PREP. HOUSE, STACK WOOD PREP. BUILDING STACK WOOD STORAGE BIN STACK 80/20 WOOD/COAL BOILER	PM PM PM PM PM SO2	.10LB/MMBTU EXHAUST* .10LB/MMBTU EXHAUST* .20LB/MMBTU EXHAUST* .20LB/MMBTU EXHAUST* .70LB/MMBTU .08LB/MMBTU WOOD/* .10LB/MMBTU COAL 1.20LB/MMBTU L*		B* B* B* B* B* B* B* B*
FORT HOWARD PAPER CO.	OK (R)PSD-OK-404		M	BOILER	CO	.06LB/MMBTU COAL .03LB/MMBTU OIL		B* B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10-2 WOOD PULPING (OTHER THAN KRAFT)				REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS			
FORT HOWARD PAPER CO.	OK (R)PSD-OK-375	M TURBINE	CO	.02LB/MMBTU GAS	B*		
			NOX	.70LB/MMBTU COAL	B*		
			PM	.30LB/MMBTU OIL	B*		
			NOX	.20LB/MMBTU GAS	B*		
			PM	.10LB/MMBTU COAL	B*		
			SO2	.07LB/MMBTU OIL	B*		
			PM	.01LB/MMBTU GAS	B*		
			NOX	1.20LB/MMBTU COAL	B*		
			PM	.73LB/MMBTU OIL	B*		
			SO2	.001LB/MMBTU GAS	B*		
MACHILLAN BLOEDAL	AL AL-063	H DIGESTERS EVAPORATORS	VOC	.02LB/MMBTU GAS			
			CO	.01LB/MMBTU OIL			
			NOX	.001LB/MMBTU GAS			
			PM	.04LB/MMBTU OIL			
			SO2	.02LB/MMBTU OIL			
			PM	.30LB/MMBTU GAS			
			NOX	.12LB/MMBTU GAS			
			PM	.02LB/MMBTU OIL			
			SO2	.01LB/MMBTU GAS			
			VOC	.001LB/MMBTU GAS			
PAPER MACHINE	TR5	TR5	CO	.68LB/MMBTU N. GAS	B*		
			CO	.75LB/MMBTU #2 OIL	B*		
			NOX	.20LB/MMBTU N. GAS	B*		
			NOX	.28LB/MMBTU #2 OIL	B*		
			PM	.11LB/MMBTU N. GAS	B*		
			PM	.11LB/MMBTU #2 OIL	B*		
			SO2	.001LB/MMBTU N. GAS	B*		
			SO2	.75LB/MMBTU #2 OIL	B*		
			VOC	.12LB/MMBTU N. GAS	B*		
			VOC	.03LB/MMBTU #2 OIL	B*		

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.2 WOOD PULPING (OTHER THAN KRAFT) REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS & BASIS
MACMILLAN BLOEDAL (CONTINUED)				
			POWER BOILER	CO 114.00LB/H NOX .70LB/MMBTU PM .10LB/MMBTU SO2 1.20LB/MMBTU
			RECOVERY BOILER	CO 12325.00T/YR NOX 902.00T/YR PM .04GR/SDCF AT 8% *
				SO2 2339.00T/YR TR5 5.00TPM AT 8% 02 PM .20LB/T BLS
			SMELT TANK	SO2 41.00T/YR TR5 .02LB/T BLS
			WASHERS	TR5 .50SEC AT 1200 F
SUNBELT FOREST PRODUCTS * AL PSD-AL-073				
			N BOILER, COAL, UNIT#2	NOX .70LB/MMBTU PM .10LB/MMBTU SO2 1.20LB/MMBTU
			BOILER, COAL, UNIT#3	NOX .70LB/MMBTU PM .10LB/MMBTU SO2 1.20LB/MMBTU
			BOILER, COAL, UNIT #1	NOX .70LB/MMBTU PM .10LB/MMBTU SO2 1.20LB/MMBTU
SOURCE TYPE CODE -- 10.3 HARDBOARD				
ABI TIBI CORP.	NC NC 076		H WOOD FIRED BOILER	CO 44.04LB/H NOX 192.90T/YR PM 35.23LB/H SO2 154.30T/YR
				PM .10LB/MMBTU SO2 33.03LB/H

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.3 HARDBOARD	COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW / MOD PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS	REPORT DATE 04/29/1983
	KIRDY FOREST INDUSTRIES	TX (R)PSD-TX-280		M BOILER, FBD WOOD WASTE FIRE	PM	10.70LB/H	
<hr/>							
SOURCE TYPE CODE -- 10.4 PLYWOOD PLANTS							
	KIRDY FOREST INDUSTRIES	TX (R)PSD-TX-280		M BOILER, FBD WOOD WASTE FIRE	PM	10.70LB/H	
<hr/>							
SOURCE TYPE CODE -- 10.5 WOODWORKING							
	BROYHILL FURNITURE	NC NC-068		N WOODWORKING	PM	.30LB/H 1.30T/YR	B*
	BROYHILL FURNITURE	NC NC-063		WOODWORKING BOOTHS	PM	9.00LB/H	B*
<hr/>							
SOURCE TYPE CODE -- 10.6 OTHER WOOD PRODUCTS							
	BURLINGTON IND.	NC NC-036		N BOILER	PM	.60LB/H	B*
	CROWN WOOD PRODUCTS	NC 4819		M BOILER, WOOD-FIRED	VOC	917.00T/YR	B*
	EAGLE ENERGY	ID	15.00T/H	N WOOD DRYING & COMBUSTION	PM	24.00LB/H	
	GEORGIA-PACIFIC CORP.	NC 4923		M DRYERS, ROTARY WOODFLAKE (GR*) DRYER, SANDERDUST FUEL	PM	30.00LB/H SEE NOTE 30.00LB/H SEE NOTE	B*
					PM	30.00LB/H SEE NOTE	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.6 OTHER WOOD PRODUCTS							REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
GEORGIA-PACIFIC CORP.	NC NC-061	165000.00LB/H	N	WOOD WASTE BOILER & ROTARY A* PM	PM	246.00T/YR	B*
HOOKER FURNITURE CORP.	VA 20523		M	WOOD/COAL BOILER	PM	.30LB/MMBTU	
<hr/>							
SOURCE TYPE CODE -- 10.1 KRAFT PULP MILLS							
INTERNATIONAL PAPER CO.	AR 78-AR-1	683.40MMBTU/H	N	STEAM BOILER	CO NOX PM SO2	70.00LB/H 480.00LB/H .10LB/MMBTU 820.00LB/H	
<hr/>							
SOURCE TYPE CODE -- 10.6 OTHER WOOD PRODUCTS							
INTERNATIONAL PAPER CO.	AR PSD-463AR-1		M	BOILERS, WOOD WASTE, #1 & #2	CO PH	200.00LB/H, EA 25.00LB/H, EA	
J.M. HUBER CORP.	ME	240.00T/D	N	BLDG VENT SYSTEM DRYERS PLUS BOILER, COMMON S* VE DRYERS, 2 WOOD BOILER	PM PH SO2	20.00% OPACITY FOR * B* 2.48LB/T WAFER BD .12LB/MMBTU 100.00LB/H 1000.00LB/D	
LOUISIANA-PACIFIC CORP.	ME	240.00T/D	N	FUGITIVE EMISSIONS NO. 1 WOOD BOILER NO. 1 WOOD FIRED DRYER NO. 2 WOOD BOILER	PM PH PM	.15LB/MMBTU 1.84LB/T WAFER BD .15LB/MMBTU	B*

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SOURCE TYPE CODE 10.6

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.6 OTHER WOOD PRODUCTS						REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
HATICK P/PERBOARD	MA 24-119-MA-13	60.00MBTU/H	M	BOILER,REPLACEMENT,OIL-FIRED	SO2	145.94LB/H	B*
PACKAGING CORP. OF AM	MI 681-80		M	BOILER, 2 TOTAL	PM	.10LB/MBTU	
PROCTOR & GAMBLE PAPER P* TX	PSD-TX-89		N	CELLULOSE PAD FORMATION MACH.* PLASTIC TRIMMING OPERATION STEAM GEN	PM NOX PM	.12LB/H EA 5.00LB/H 30.00LB/H	
PROCTOR & GAMBLE PAPER P* CA (R)	LA 79-08	19.30MBTU/H	M	TISSUE CUTTING MACHINE, 1 TISSUE ROLL CUTTING MACHINES* TISSUE WINDING MACHINES, 2 TURBINE, GAS, 2	PM PM PM SO2	.90LB/H 75.90LB/H .15LB/H .27LB/H EA .34LB/H EA 118.80LB/H 20.40LB/H EA 144.00LB/H EA	
			M	GAS TURBINE	NOX	.32LB/MBTU FUEL *	
						.22LB/MBTU NAT. *	

SOURCE TYPE CODE -- 11.0 GENERAL MANUFACTURING AND FABRICATION

AIRCO CARBON	SC P/C-18-058 THR*	65000.00T/YR	N	CAREOTTO1 KILNS	NOX	17.50LB/H	B*
					PM	5.43LB/H	B*
					SO2	1.39LB/H	B*
					VOC	.03LB/H	
					H2S	160.80LB/H	
					PM	33.80LB/H	
					SO2	296.60LB/H	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 11.0 GENERAL MANUFACTURING AND FABRICATION				REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
A.O. SMITH CORP.	WI ATT-03-80-41-0*		N	BOILER	PM	.15LB/MMBTU	
BUICK MOTOR DIV., GMC	MI 535-79		N	BOILERS, COAL FIRED, 2 EA	NOX PM	.60LB/MMBTU .03LB/MMBTU	30 D * B* L*
				COAL, LINE, HANDLING, & STOR*	SO2 PM	.60LB/MMBTU .03GR/DSCF	30 D * B* B*
CAMPBELL SOUP CO.	NC NC 074	305.00MMBTU/H	N	CAN CONTROL FLUIDIZED BED COMBUSTION	VOC NOX PM	40.00LB/D .70LB/MMBTU .10LB/MMBTU	R* H* N*
					SO2	1.20LB/MMBTU	N*
CHEVROLET TRUCK ASSEMBLY * MI 426-79			N	ASH HANDLING SYS. BOILER, COAL FIRED	PM	.03GR/DSCF	
					NOX PM	.60LB/MMBTU .06LB/MMBTU	
				COAL HANDLING SYS.	SO2 PM	1.60LB/MMBTU .03GR/DSCF	24 H *
CHICAGO & NORTHWESTERN T* MI 161-80			N	RR CAR DUMPING	PM	.02LB/MMBTU EXHAUST	
COLT INDUSTRIES - HOLLEY* TN (R)PSD-TN-061			N	WHOLE PLANT	VOC	33.00T/YR	B*
FIRESTONE TIRE CO.	6A GA 068		N	TIRE SEALANT LINE	VOC	32.50T/YR	B*
FORD MOTOR CO., LIMA ENG* OH EPA-5-A-80-19			N	BOILER, COAL-FIRED	PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU	24 H *
GAF CORP.	CA SE-78-07		N	FILLER STORAGE Silo	PM	.47LB/H	
				FILLER UNLOAD	PM	.02GR/SCF	
				FILLER USE BIN	PM	.45LB/H	
				SAND STORAGE	PM	.02GR/SCF	
				SAND & TALC USE BTNS	PM	.14LB/H .02GR/SCF .17LB/H .02GR/SCF .03LR/H	
						.022GR/SCF	

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SOURCE TYPE CODE 11.0

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 11.0 GENERAL MANUFACTURING AND FABRICATION				REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
GAF CORP.	(CONTINUED)		SATURATOR	PM 1.89LB/H .02GR/SCF	B*
			SURFACING & WINDING SECTIONS*	PM 2.57LB/H .02GR/SCF	B*
			TALC STORAGE	PM .17LB/H .02GR/SCF	
			TALC UNLOAD	PM .53LB/H .02GR/SCF	
			UNWIND & FESTOON SECTIONS OF*	PM 1.29LB/H .02GR/SCF	B*
					B*
GAF CORP.	PA 78PA15	350000.00T/YR	M MILL	PM .96LB/H .04LB/MMBTU	B*
GENERAL ELECTRIC CO.	AL SEE NOTES	N BOILER	CO NOX	.70LB/MMBTU .05LB/MMBTU	H*
			BOILERS, 2	PM SO2 1.20LB/MMBTU CO NOX .04LB/MMBTU	B*
				PM SO2 .70LB/MMBTU CO NOX .05LB/MMBTU	H*
			BOILER, 2	CO NOX .04LB/MMBTU	B*
			BOILER, 2	PM SO2 1.20LB/MMBTU CO NOX .70LB/MMBTU	H*
			BOILER, 2	PM NOX .05LB/MMBTU	B*
			BOILER, 2	PH PM NOX .05LB/MMBTU	B*
			BOILER, 2	PH SO2 1.20LB/MMBTU SO2 FU*.01GR/DSCF	B*
			COAL PREP PLANT	VE .00% ACROSS PROP.* PM .00GR/SCF	
			ELECTRIC ARC FURNACES, 3	29.40LB/H 15.00% OPACITY	
			FIXED HEARTH INCINERATOR	VE 42.50LB/H 1.00% OF CL INPUT	

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SOURCE TYPE CODE 11.0

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 11.0 GENERAL MANUFACTURING AND FABRICATION				REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
GENERAL MOTORS	KS	75.00 CARS/H	N	BOILERS, COAL FIRED SPREADER*	NOX PM SO2	.60LB/MMBTU .03LB/MMBTU 1.20LB/MMBTU	B** B** 30 D *
GM DELCO PRODUCTS DIV	OH 08-144	N	BOILER #4		PM SO2	.06LB/MMBTU 1.20LB/MMBTU	B** B**
GM HYDRA-MATIC	MI 657-78	120000.00LB/H STEAM	N	BOILERS, COAL FIRED, 2 EA	NOX PM SO2 PM	.60LB/MMBTU .06LB/MMBTU 1.40LB/MMBTU .03GR/DSCF	B** B** 1.60MAX.
GM PROVING GROUND	MI 658-78	160000.00LB/H		BOILERS, COAL FIRED, 4 EA	NOX PM SO2 PM	.60LB/MMBTU .03LB/MMBTU 1.60LB/MMBTU .03GR/DSCF	B** B** B** B**
GMC ASSEMBLY PLANT	MI 208-80	826.66	N	BOILER, COAL FIRED, 3 EA	NOX	.60LB/MMBTU	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

REPORT DATE 04/29/1983
SOURCE TYPE CODE: 11-0 GENERAL MANUFACTURING AND FABRICATION

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
GM GMPC ASSEMBLY PLANT	MI 194-80	75.00 CARS/H	N	PAINT PRIMER PAINTING EQUIPT.	PH .03LB/MMBTU SO2 1.60LB/MMBTU 24 H * NOX .03GR/DSCF PH .60LB/MMBTU SO2 1.60LB/MMBTU 24 H *
GM GMPC CADILLAC MOTORS CORP. MI C-5763 THRU C-*	75.00 AUTOS/H	N	All TOPCOAT PAINT BOOTHS	VOC 304.50LB/H VOC 663.00LB/H PH 3.00GR/MCF EXHAUST L*	98.00% OVERSPRAY CO* 2.80LB/GAL APPL. S* 37.00% TRANSFER EFF 1.00GR/MCF
				ANTI-CORROSION, DOORS ANTI-CORROSION, FENDERS BODY WELDING	PH 4.40LB/GAL APPL. S* VOC 4.00LB/GAL APPL. S*
				BRONZE WELDING ELFO PRIMER FINAL REPAIR	VOC .16KG/L APPL. SOL. PM 1.00GR/MCF VOC 4.80LB/GAL APPL. S*
				FINISH GRIND FLEXIBLE PARTS	PH 3.00GR/MCF PM 98.00% OVERSPRAY CO* 2.60LB/GAL APPL. S* 4.20LB/GAL APPL. S* VOC 3.60LB/GAL WITH H2O PH 1.00GR/MCF
				OLEUM DECK PAINT RACK BURN-OFF PRIMER/SURFACER	PM 98.00% OVERSPRAY CO* 3.20LB/GAL APPL. S* VOC 62.00% TRANSFER EFF PH 3.00GR/MCF
				ROUGH GRIND SEALER/ADHESIVES SMALL PARTS	VOC 70.90LB/H PM 98.00% OVERSPRAY CO* 2.80LB/GAL APPL. S* VOC 98.00% OVERSPRAY CO* 6.00LB/GAL APPL. S*
				TEMP. SENSITIVE PARTS BOOTH	PM VOC

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 (R) INDICATES EPA REGION NUMBER IN LIEU OF STATE/LOCAL PERMIT NUMBER
 FOR EMISSIONS THAT ARE BOUND TO A CO-SITE AGREEMENT

EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX.

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

GENERAL MANUFACTURING AND FABRICATION						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION		EMISSION LIMITATIONS	& BASIS
GMC CADILLAC MOTORS CORP.	MI C-5764 THRU C-*	75.00AUTOS/H	N ASH LOADOUT ASH SILO ASH TRANSFER BOILER, POWERHOUSE, 3 EA	TRUCK COATING UNDERBODY DEADNER WHEEL BOOT	VOC PM VOC PM VOC	2.80LB/GAL APPL. S* 98.00% OVERSPRAY CO* .42LB/GAL APPL. S* 98.00% OVERSPRAY CO* 2.80LB/GAL APPL. S*
GMC CHEVROLT MOTOR DIV.	MI 488-79			COAL HANDLING COAL STORAGE COAL UNLOADING	PM	.01LB/MLB EXHAUST .01LB/MLB EXHAUST
HILTI INDUSTRIES, INC	OK T79-27			M STANDS, CARBURETOR TEST, 40 EA VOC	.20PPH	L*
IBM	NY			N BLACK MANGANESE-PHOSPHATE LI* RACK STRIP LINE RUSH INHIBITOR LINE ZINC PLATING		
IBM CORP.	CA SFB-82-01	59.00MW		N GAS TURBINE, 2 EA IC ENGINES, 2 EA DC ENGINE	NOX SO2	142.00LB/H 40.00PPM 223.00LB/H
IBM CORP.	KY C-78-18			M KILO 3 & 4 COATERS KILO 5 & 6 COATERS		B* B* B*
POOL CO.	TX X3714			N ABRASIVE CLEANERS	PM	.40T/YR

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 FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX.

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 11.0 GENERAL MANUFACTURING AND FABRICATION					REPORT DATE 04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS		
PAINT BOOTHS							
PROCTOR & GAMBLE	NY	360.00MMBTU/H	N	BOILER	CO PM	.22LB/MMBTU .10LB/MMBTU	B*
				HOGGING OPERATION	PM VE	.05GR/DSCF .05GR/DSCF	B*
						20.00% OPACITY	
12.0 INSTITUTIONAL/COMMERCIAL							
CHATTANOOGA-HAMILTON COU* TN 0150-50200505-*	N	INCINERATOR			PM	.08GR/DSCF .10LB/100 LB CHAR*	B*
CHATTANOOGA-HAMILTON COU* TN 0150-50200505-*	N	INCINERATOR			PM	.08GR/DSCF	B*
NORTHERN MICHIGAN UNIV. MI 121-80	N	COAL & ASH HANDLING & STORAGE COAL-FIRED BOILERS, 3 EA			PM NOX PM SO2	.10LB/100 LB CHAR* .03GR/DSCF .60LB/MMBTU .03LB/MMBTU	B*
RADFORD ARMY AMMUNITION * VA 79VA07	N	CAMB THERMAL DEHYDRATOR			PM VOC	.90LB/H 217.00LB/H	B*
UNIVERSITY HOSPITAL OH 1431070207B003	M	BOILER, COAL FIRED			PM SO2	.23LB/MMBTU 2.00LB/MMBTU	B*
UNIVERSITY OF CINCINNATI OH 1431070869	M	HEATING PLANT - COAL			PM SO2	.18LB/MMBTU 1.60LB/MMBTU	
UNIV. OF MICH., CEN HEAT* MI 531-78	N	BOILERS, GAS/OIL-FIRED			NOX NOX	.30LB/MMBTU OIL .20LB/MMBTU GAS	

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SOURCE TYPE CODE 12.0

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 12.0 INSTITUTIONAL/COMMERCIAL

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
US AIRFORCE-MALMSTROM	MT	318.00MMBTU/H	H	COAL CONV COAL STOCKPILE HANDLING(ASH) LIME SYS PILE RECLAIM WIND EROSION 3 HEATERS	SO2 .52LB/MMBTU PH 1.00T/YR PH 1.00T/YR PH 6.00T/YR PH 1.00T/YR PH 27.00T/YR NOX .50LB/MMBTU PH 106.00LB/H PH 7.60LB/H SO2 .32LB/MMBTU PH 67.80LB/H	B* B* B* B* B* B* B* B* B*

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APPENDIX C

TABLE 2A CONTROL TECHNOLOGY DETERMINATIONS FOR
SOURCES WITH INDUSTRIAL OR UTILITY BOILERS
(EXTERNAL COMBUSTION SOURCES)

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 1.1 BIG RIVERS ELECT. CORP. KY C-80-41			880.00MW		COAL HANDLING LIMESTONE HANDLING		
SOURCE TYPE CODE -- 1.1 EASTMAN KODAK CO., KODAK* NY C2628800 025 00*			670.00MMBTU/H	N	ASH HANDLING BUNKER COAL CAR UNLOADER CRUSHING	PM PM PM PM	.08LB/H .02LB/H 1.10LB/H .75LB/H
SOURCE TYPE CODE -- 1.1 GRIFFISS AIR FORCE BASE NY 30130004760029*			113.00MMBTU/H	N	ASH HANDLING ASH SILO COAL BUNKER COAL CONVEYOR COAL HANDLING COAL SILO LIME BIN LIME BLOWER LIME SILO RECOVERY BIN	PM PM PM PM PM PM PM PM PM	.05GR/DSCF .05GR/DSCF .05GR/DSCF .05GR/DSCF .05GR/DSCF .05GR/DSCF .05GR/DSCF .05GR/DSCF .05GR/DSCF
SOURCE TYPE CODE -- 1.1 IOWA ELECTRIC LIGHT & PO* IA			650.00MW	N	MATERIAL HANDLING	PM VE	.01GR/DSCF 20.00% OPACITY
SOURCE TYPE CODE -- 1.1 MONSANTO CO.		IA	150.00MMBTU/H	N	COAL HANDLING	PM VE	.01GR/DSCF 20.00% OPACITY
PROCESS CODE --							

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE							REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ PROCESS ID#	DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 1.5 POWER AUTHORITY STATE OF* NY	700.00MW	N COAL CRUSHED COAL HANDLING COOLING TOWER	PM VE	.03GR/DSCF 20.00% OPACITY .00Z OF H2O FLOW			B*
<hr/>							
PROCESS CODE --							
SOURCE TYPE CODE -- 1.1 SOYLAND POWER COOP.	1L 82 02 0030	N MISCELLANEOUS					
SOURCE TYPE CODE -- 1.1 TVA - PARADISE - DRAKESB* KY C-79-47	.30.00MW	H COAL CRUSHING PLANT COAL WASHING PLANT	PM	325.20T/YR ALLOWABLE 136.50T/YR ACTUAL	L*		
SOURCE TYPE CODE -- 1.1 U.S. DOE, 4 - COAL PILOT* KY C79121	70400.00T/YR	N COAL DRYING COAL HYD. REACTOR COAL RECLAIM COAL STORAGE COAL UNLOADING	PM PM PM PM PM	.60LB/H 2.10T/YR 90.00T/YR 5.20LB/H 4.00T/YR 1.00T/YR 9.000LB/H 3.75T/YR 4.00T/YR 1.00T/YR			
		CRUSHED COAL BIN DEASHING UNIT HTRS, #501 & 5*	PM				
		CO	NO2 PM	6.00T/YR .40LB/H			
					1.75T/YR		
					SO2 PM	9.00T/YR	
					VOC	1.00T/YR	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	COMPANY NAME	STATE & PERMIT	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
	DIST. FUEL TANKS FILTRATE HEATERS		VOC NO2 PM	1.00T/YR 3.00T/YR 1.00LB/H		
	FLAKER		VOC PM	5.00T/YR 2.00T/YR .21LB/H		
	FLARE		PM	.94T/YR		
	HYDROGEN HEATER		SO2 CO NO2 PM	1.00T/YR 1.00T/YR 3.00T/YR 2.00T/YR .80LB/H		
	NAPTHA TANKS, 3 OIL MIST ELIMINATOR		SO2 VOC PM	3.50T/YR 1.00T/YR 1.00T/YR		
	REACTOR HEATER #201C		CO NO2 PM	8.15LB/H 35.70T/YR 2.00T/YR 9.00T/YR 1.00LB/H		
	REACTOR HEATERS, 201A & B, T*		SO2 VOC PM	5.00T/YR 1.00T/YR 1.00T/YR		
	RESID. OIL TANKS THERMOLIQUID HEATER		VOC CO NO2 PM	1.00T/YR 2.00T/YR .60T/YR .60LB/H		
SOURCE TYPE CODE -- 1.1 WASHINGTON WATER POWER C* WA (R)PSD-X-83-01	2080.00MW		N	BOTTOM ASH DISPOSAL		

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	REPORT DATE 04/29/1983				
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS & BASIS	
			COAL CONVEYOR DISCHARGE	VE	20.00% OPACITY
			COAL CONVEYOR TRIPPERS	PM	.01GR/DSCF
			COAL SILOS	VE	5.00% OPACITY
			COAL SUPPLY SYSTEM	PM	.01GR/DSCF
			CONVEYORS	VE	5.00% OPACITY
			DEAD STORAGE	PM	.01GR/DSCF
			FLY ASH HANDLING & SILOS	VE	5.00% OPACITY
			LIMESTONE SILOS	PM	.01GR/DSCF
			ROAD DUST	VE	5.00% OPACITY
			ROTARY CAR DUMPER (COAL)	PM	.01GR/DSCF
			ROTARY CAR DUMPER (LIMESTONE)	VE	5.00% OPACITY
			TRANSFER HOUSES	PM	.01GR/DSCF
			WASTE TREATMENT BLDG.	VE	5.00% OPACITY
SOURCE TYPE CODE --	WEST TEXAS UTILITIES CO. TX 9015	1.1	N COAL & LIMESTONE STORAGE/HAN*	PM	60.00LB/H
PROCESS CODE --					
SOURCE TYPE CODE --		1.6			
PROCESS CODE --					

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	REPORT DATE 04/29/1983					
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
WESTCHESTER COUNTY RESOU* NY		2250.00T/D	N	INCINERATORS, REFUSE FIRED, * AS*	.03GR/DSCF BE .03GR/DSCF CO .62LB/T REFUSE HG .03GR/DSCF NOX 3.00LB/T REFUSE PB .03GR/DSCF PM .03GR/DSCF	B* B* B* B* B* B* B*
<hr/>						
PROCESS CODE -- 1.1						
SOURCE TYPE CODE --	1.1	AL AL 071	1760.00MW	N LIGNITE BOILER	CO 470.00LB/H NOX 2060.00T/YR PM 2883.00LB/H SO2 12628.00T/YR 	B* B* N* N* N*
AL ELEC COOP INC					631.00T/YR 3803.00LB/H 16658.00T/YR	
<hr/>						
PROCESS CODE -- 1.1						
SOURCE TYPE CODE --	6.61	AM. MODERN FOOD ENERGY S* IA	40.00MMGAL/YR	N BOILER, PULV. COAL	NOX .70LB/MMBTU PM .3LB/MMBTU SO2 2.00LB/MMBTU	B* N* B*
<hr/>						

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE	04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE --	7.4	TX (R)PSD-TX-246	10.00MMBBBL/YR	H COAL BOILERS, 3	CO 11.20LB/H EA NOX .06LB/MMBTU SO2 .70LB/MMBTU
ANHEUSER-BUSCH, INC.					B* B* B* B*
PROCESS CODE --	1.1				
SOURCE TYPE CODE --	1.1	ARIZONA PUBLIC SERVICE C* AZ AZP 78-01	350.00MM	N COAL FIRED BOILER	NOX .70LB/MMBTU PM .05LB/MMBTU SO2 .07LB/MMBTU
ARKANSAS EASTMAN	AR (R)PSD-AR-311			COAL HANDLING AREAS LIMESTONE HANDLING AREAS	N*
PROCESS CODE --	1.1				
SOURCE TYPE CODE --	6.62			H BOILER, COAL-FIRED	NOX .60LB/MMBTU PM .06LB/MMBTU SO2 1.60LB/MMBTU
ARKANSAS EASTMAN	AR (R)PSD-AR-311				B* B* B*
PROCESS CODE --	1.1				

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE	04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- ARKANSAS PUR & LT CO.	1.1 AR PSD-AP-48	800.00RM	N COAL-FIRED STEAM GEN	PM SO2	.10LB/MMBTU .93LB/MMBTU N*
SOURCE TYPE CODE -- ASSOC. ELECT. COOP., INC. MO	1.1 MO	730.00RM	M BOILER, COAL FIRED (UNIT 3), * NOX PH SO2	NOX PH SO2	.70LB/MMBTU .10LB/MMBTU 1.20LB/MMBTU B* B*
SOURCE TYPE CODE -- AUSTELL BOX BOARD CO.	1.1 GA 2631-033-7994-C	313.00MMBTU/H	N BOILER	CO PM SO2	.70LB/MMBTU .10LB/MMBTU 1.20LB/MMBTU N* N* N*
PROCESS CODE --	1.1				
SOURCE TYPE CODE -- A.E. STALEY MFG. CO.	7.11 IA		M BOILER, COAL FIRED, 2 UNITS	NOX SO2	.60LB/MMBTU 1.60LB/MMBTU MAX 1.20LB/MMBTU - 30 * B*
PROCESS CODE --	1.1				
SOURCE TYPE CODE -- A.E. STALEY MFG. CO.	1.1 PA 81PA01	249.00MMBTU/H	M COAL BOILER	NOX PH SO2	.70LB/MMBTU .10LB/MMBTU .90LB/MMBTU

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
SOURCE TYPE CODE -- 1.1 BASIN ELECTRIC POWER COOP ND		500.00MW	N	BOILER	NOX 2625.00LB/H PM .45LB/MMBTU N* SO2 2637.00LB/H PM .03LB/MMBTU B* S02 .60LB/MMBTU B* S02 30.00% OF POTENT. C*
SOURCE TYPE CODE -- 1.1 BIG RIVERS ELECT. CORP. KY C-80-41		680.00MW		BOILERS, 2	NOX 9843.00T/YR PM 492.00T/YR S02 19686.00T/YR
SOURCE TYPE CODE -- 1.1 BIG RIVER'S ELECT.-D.B. Wx KY C-80-41		680.00MW	N	BOILER, COAL FIRED	NOX .60LB/MMBTU PM .03LB/MMBTU B* SO2 1.20LB/MMBTU B*
SOURCE TYPE CODE -- 1.1 BOARD OF PUBLIC UTILITIES KS		246.00MW	N	BOILER, COAL FIRED, PULV.	NOX .70LB/MMBTU PM .10LB/MMBTU N* SO2 1.20LB/MMBTU B*
PROCESS CODE -- 1.1					
SOURCE TYPE CODE -- 7.12 BOONE VALLEY COOP.	IA	45.00MMBU/YR	M	COAL-FIRED BOILER	NOX .60LB/MMBTU SO2 2.00LE/MMBTU

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE	04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 11.0	BUICK MOTOR DIV., GMC MI 535-79	N BOILERS, COAL FIRED, 2 EA	NOX .60LB/MMBTU PM .03LB/MMBTU SO2 .60LB/MMBTU	30 D *	B* L* B*
PROCESS CODE -- 1.1					
SOURCE TYPE CODE -- 1.1	NC (R)PSD-NC-032	122.00MMBTU/H	N BOILER, COAL FIRED	PM .30LB/MMBTU	B*
SOURCE TYPE CODE -- 1.1	NC (R)PSD-NC-034	122.00MMBTU/H	N BOILER,COAL FIRED	PM .30LB/MMBTU SO2 1.40LB/MMBTU	B* B*
PROCESS CODE -- 1.1					
SOURCE TYPE CODE -- 6.55	B.F. GOODRICH TL 82 03 0046	N BOILER	CO 400.00PPM NOX .60LB/MMBTU PM .06LB/MMBTU SO2 1.20LB/MMBTU	N*	N*
PROCESS CODE -- 1.1					

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE	04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 6.62 B.F. GOODRICH CHEMICAL G* LA (R)PSD-LA-326		5500.00MMBTU/YR (* N	BOILER, COAL FIRED	CO NOX PM SO2	.08LB/MMBTU .70LB/MMBTU .02LB/MMBTU .33LB/MMBTU
SOURCE TYPE CODE -- 6.62 B.F. GOODRICH CO.	OH 1947030004		COAL FIRED BOILER	CO NOX PM SO2	.19LB/MMBTU 200.00T/YR .70LB/MMBTU 730.00T/YR .06LE/MMBTU 63.00T/YR 1.20LE/MMBTU
SOURCE TYPE CODE -- 6.62 B.F. GOODRICH, CHEMICAL * KY KG-091		152.30MMBTU/H	N COAL FIRED BOILER	PM SO2	.031B/MMBTU 1.00LE/MMBTU
PROCESS CODE -- 1.1					
SOURCE TYPE CODE -- 1.1 CAJUN ELECT. POWER COOP. LA (R)PSD-LA-106		6507.00MMBTU/H	N COAL HANDLING COAL PILES LIME/LIMESTONE HANDLING AND *	PM PM PM	1.60LB/H 20.70LB/H 2.10LB/H
SOURCE TYPE CODE -- 1.1 CARGILL, INC.	SC	161.20MMBTU/H	N BOILERS, #5 + #6	PM SO2	29.001B/H 326.90LB/H

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE 06/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
<hr/>					
PROCESS CODE --	1.1				
SOURCE TYPE CODE --	7.3	OH 06-124	N	COAL BOILER	PM .03LB/MMBTU SO2 1.20LB/MMBTU
PROCESS CODE --	1.1				
SOURCE TYPE CODE --	1.4	CAROLINA FOREST INDUSTRI* SC (R)PSD-SC-039	170.00MMBTU/H	N BOILERS, COAL FIRED, 2	CO 25.60LB/H NOX 111.80T/YR B* 435.40LB/H B* 1901.80T/YR Pm 62.20LB/H B* 271.80T/YR SO2 746.40LB/H B* 3260.40T/YR
PROCESS CODE --	1.1				
SOURCE TYPE CODE --	1.1	CELANESE, AMCELLE PLANT MD 78MD08-R	110000.00LB/H STEAM	N BOILER,COAL-FIRED	Pm 9.24LB/H SO2 40.50T/YR S* 70.23LB/H P*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE	04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE --	1.1	TX (R)PSD-TX-365	6781.00MMBTU/H	307.60T/YR	P*
CENTRAL ILLINOIS LIGHT	IL 81 11 0076	800.00MMW	N BOILER, COAL-FIRED, 1, EA	NOX PM SO2	.60LB/MMBTU .03LB/MMBTU .78LB/MMBTU N* N* N*
COAL CONVEYOR TO BOILER				5.78LB/H	B*
COAL CONVEYOR TO TRANSFER HO* PM				4.63LB/H	B*
COAL DUMPER,ROTARY				13.44LB/D	B*
COAL FIRED BOILER			CO NOX PM	2.32LB/H	B*
COAL SAMPLE HOUSE			PM	6.72LB/D	B*
COAL TRANSFER HOUSE			PM	29.76LB/H	B*
CONVEYOR TO ACTIVE PILE			PM	149.80LB/D	B*
CONVEYOR TO SAMPLE HOUSE			CO NOX PM SO2	.06LB/MMBTU .50LB/MMBTU .03LB/MMBTU .39LB/MMBTU N* N* N*	B* B* B*
FLYASH HANDLING			PM	7.03LE/H	B*
INACTIVE COAL PILE LIMESTONE CAR DUMP			PM	34.30LE/D	B*
LIMESTONE CONVEYOR TO BINS			PM	7.00LE/H	B*
LIMESTONE CONVEYOR TO STORAGE PM			PM	34.30LE/D	B*
FLYASH HANDLING			PM	2.25LE/H	B*
INACTIVE COAL PILE LIMESTONE CAR DUMP			PM	2.40LE/H	B*
LIMESTONE CONVEYOR TO BINS			PM	11.75LB/D	B*
LIMESTONE CONVEYOR TO STORAGE PM			PM	.28LB/H	B*
FLYASH HANDLING			PM	1.70LE/D	B*
INACTIVE COAL PILE LIMESTONE CAR DUMP			PM	2.50LE/H	B*
LIMESTONE CONVEYOR TO BINS			PM	2.70LE/H	B*
LIMESTONE CONVEYOR TO STORAGE PM			PM	24.29LB/WK	B*
FLYASH HANDLING			PM	.40LB/H	B*
INACTIVE COAL PILE LIMESTONE CAR DUMP			PM	3.60LB/WK	B*
LIMESTONE CONVEYOR TO BINS			PM	.35LB/H	B*
LIMESTONE CONVEYOR TO STORAGE PM			PM	3.12LB/WK	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
		LIMESTONE RECLAIM	PM	19.90LB/H	B*
		LIMESTONE SILOS	PM	179.52LB/WK .35LB/H	B*
		LIMESTONE STORAGE PILE	PM	3.15LB/WK .05LB/H	B*
		LIMESTONE TRANSFER HOUSE	PM	.19LB/H 1.71LB/WK	B*
PROCESS CODE --	1.1				
SOURCE TYPE CODE --	10.1	N	COAL-FIRED BOILER	NOX PM SO2	.70LB/MMBTU .06LB/MMBTU 1.20LB/MMBTU
CHAMPION INTERNAT. CORP.	MI 33-80				
PROCESS CODE --	1.1				
SOURCE TYPE CODE --	11.0	N	BOILER, COAL FIRED	NOX PM SO2	.60LB/MMBTU .06LB/MMBTU 1.60LB/MMBTU
CHEVROLET TRUCK ASSEMBLY *	MI 426-79				
PROCESS CODE --	1.1				

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
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PROCESS CODE	1.1	REPORT DATE 04/29/1983					
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 1.1 CINCINNATI GAS & ELECTRIC* KY C-82-072		1200.00MW	M	UNIT #1	NO2	.70LB/MMBTU	
					PM	11550.00T/YR	
					SO2	.10LB/MMBTU	
					PM	1650.00T/YR	
					SO2	.84LB/MMBTU	
					PM	13860.00T/YR	
				UNIT #2	NO2	.70LB/MMBTU	
					PM	20790.00T/YR	
					SO2	.10LB/MMBTU	
					PM	2970.00T/YR	
					SO2	1.20LB/MMBTU	
						35640.00T/YR	
SOURCE TYPE CODE -- 1.1 CITY OF WILKES-BARRE PA 79PA23		92.50MBTU/H	M	BOILER	PM	.00LB/H	B*
					SO2	199.00LB/H	B**
						1.50LB/MMBTU	B***
SOURCE TYPE CODE -- 1.1 COLORADO UTE-CRAIG UNIT * CO		1320.00MW	M	ASH SILO VENT ASH UNLOAD BOILER, 440 MW	PM	149.00T/YR	B**
					PM	34.00T/YR	B**
					NOX	.50LB/MMBTU	B**
					PM	.03LB/MMBTU	B**
					SO2	.20LB/MMBTU	B**
					PM	5.00T/YR	B**
				COAL PILE CONV. LIME TRANS./STORAGE	PM	5.00T/YR	B**
				RR CAR TRANS PTS.	PM	.00T/YR	B**
					PM	1.00T/YR	B**
					PM	.00T/YR	B**

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE 04/29/1983					
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS	
SOURCE TYPE CODE -- 6.61 CONSOLIDATED ENERGY GROUP IA		10.20MMGAL/YR	N	BOILER, COAL FIRED, STOKER	NOX PM	.60LB/MMBTU .03LB/MMBTU	B*
					SO2	14.90T/YR 2.00LB/MMBTU	B*
							B*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 7.4 COORS CO.	VA 80VA01	221.00MMBTU 3 EA	N	BOILER, COAL FIRED, 3	CO NOX PM SO2 VE VOC	.40LB/MMBTU .60LB/MMBTU .05LB/MMBTU .24LB/MMBTU 5.00% OPACITY .02LB/MMBTU	B* B* B* B* B* B*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 1.1 CURTISS-WRIGHT CORP.	NJ	137.00MMBTU/H	M	PFB BOILER	SO2	.30LB/MMBTU	S*
SOURCE TYPE CODE -- 1.1 DELMARVA POWER & LIGHT	MD 80ND01	550.00MM	M	BOILER	CO NOX	.04LB/MMBTU .60LB/MMBTU	B* B*
					SO2	65.00% EMISSION REDU*	B*
						.60LB/MMBTU	B*
						70.00% EMISSION REDU*	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE --	1.1	DESERET GEN & TRANS, MOO* UT		800.00MM		BOILERS, COAL-FIRED, 2 EA	VE VOC PM	20.00% OPACITY .01LB/MMBTU .03LB/MMBTU
SOURCE TYPE CODE --	1.1	EAST KENTUCKY POWER COOP. KY C-76-46		526.00MM MOD.		H BOILER, PULV., COAL FIRED, D*	NOX PM SO2	.55LB/MMBTU .03LB/MMBTU .02GR/DSCF
SOURCE TYPE CODE --	1.1	EASTMAN KODAK CO., KODAK* NY C262800 025 00*		670.00MMBTU/H		N BOILER, COAL FIRED	VE PM SO2	418.00LB/H .06LB/MMBTU 20.00% OPACITY
SOURCE TYPE CODE --	1.1						BE CO NOX PM SO2	1.00T/YR 1.00T/YR 2.00T/YR 2.00T/YR 1.00T/YR
								.10LB/MMBTU 1.20LB/MMBTU

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- ELI LILLY	6.43 IN EPA-5-A-81-7	N	COAL FIRED BOILER	NOX .60LB/MMBTU PM 323.00T/YR SO2 .09LB/MMBTU 49.60T/YR	
PROCESS CODE --	1.1				
SOURCE TYPE CODE -- EMERY INDUSTRIES	6.62 OH OHIO 14-312	N	BOILER, COAL-FIRED	NOX .70LB/MMBTU PM .06LB/MMBTU SO2 1.60LB/MMBTU	
PROCESS CODE --	1.1				
SOURCE TYPE CODE -- ETSI	9.6 AR 700-A	15500.00T/D	N BOILER, COAL	NOX .70LB/MMBTU PM .10LB/MMBTU SO2 1.20LB/MMBTU	
SOURCE TYPE CODE -- ETSI	9.6 AR 705-A	15900.00T/D	N BOILER, COAL	NOX .70LB/MMBTU PM .10LB/MMBTU SO2 1.20LB/MMBTU	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE -- 1.1								REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS	
<hr/>								
PROCESS CODE -- 1.1								
SOURCE TYPE CODE -- 1.1	E. KENTUCKY POWER CORP. KY C-80-67	600.00MW, 2 EA	N	BOILER, COAL FIRED BOILER, COAL FIRED		NOX NOX	.60LB/MMBTU .60LB/MMBTU	B*
E.I. DUPONT	SC (R)SC-034	97.00MMBTU/H	EA	N BOILERS, COAL, #1 + #2		PM	.03LB/MMBTU	B*
SOURCE TYPE CODE -- 1.1	E.I. DUPONT NC NC-067	245.00MMBTU/H	C*	BOILER		PM	.03LB/MMBTU	B*
E.I. DUPONT	6.62 OH EPA-5-A-81-1					SO2	1.20LB/MMBTU	B*
SOURCE TYPE CODE -- 1.1	E.I. DUPONT DE NEMOURS					SO2	1.20LB/MMBTU	B*
PROCESS CODE -- 1.1								
SOURCE TYPE CODE -- 6.62	N BOILERS, COAL-FIRED, 2					NOX	.60LB/MMBTU	
(R) INDICATES EPA REGION FILE NUMBER IN LIEU OF STATE/LOCAL PERMIT NUMBER.						PM	.06LB/MMBTU	
FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX.						SO2	1.60LB/MMBTU	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ 100 ID	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
PROCESS CODE --	1.1				
SOURCE TYPE CODE --	1.1	FL AC52-36102		1220.00BTU/H	M FLY ASH HANDLING UNITS PM 4.00LB/H
PROCESS CODE --	1.1				
SOURCE TYPE CODE --	11.0			N BOILER, COAL-FIRED	PM .06LB/MMBTU SO2 1.60LB/MMBTU 24 H *
FORD MOTOR CO., LIMA ENG* OH EPA-5-A-80-19					
SOURCE TYPE CODE --	11.0			N BOILER	CO .04LB/MMBTU NOX N*
GENERAL ELECTRIC CO.	AL SEE NOTES				PM .70LB/MMBTU SO2 .05LB/MMBTU
BOTTLERS, 2				CO 1.20LB/MMBTU	B*
				SO2 .04LB/MMBTU	B*
BOTTLER, 2				CO .04LB/MMBTU	B*
BOTTLER, 2				NOX N*	B*
BOTTLER, 2				PM .70LB/MMBTU	B*
BOTTLER, 2				SO2 .05LB/MMBTU	B*
BOTTLER, 2				PM .05LB/MMBTU	B*
BOTTLER, 2				SO2 1.20LB/MMBTU	B*
BOTTLER, 2					

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1							REPORT DATE 04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	N	BOILER, COAL FIRED	EMISSION LIMITATIONS	& BASIS	
<hr/>									
SOURCE TYPE CODE -- 7.12 GENERAL FOODS CORP.	DE APC 63/074	.43.00MMBTU/H		N	BOILER, COAL FIRED	NOX PM SO2	.70LB/MMBTU .10LB/MMBTU 3.04LB/MMBTU		
<hr/>									
PROCESS CODE -- 1.1									
<hr/>									
SOURCE TYPE CODE -- 11.0 GENERAL MOTORS	KS	75.00CARS/H		N	BOILERS, COAL FIRED SPREADER*	NOX PM SO2	.60LB/MMBTU .03LB/MMBTU 1.20LB/MMBTU		
SOURCE TYPE CODE -- 11.0 GM DELCO PRODUCTS DIV	OH 08-144			N	BOILER #4	PM SO2	.06LB/MMBTU 1.20LB/MMBTU	30 D *	
SOURCE TYPE CODE -- 11.0 GM HYDRA-MATIC	MI 657-78	120000.00LB/H STEAM		N	BOILERS, COAL FIRED, 2 EA	NOX PM SO2	.06LB/MMBTU .06LB/MMBTU 1.40LB/MMBTU		
SOURCE TYPE CODE -- 11.0 GM PROVING GROUND	MI 658-78	160000.00LB/H		BOILERS, COAL FIRED, 4 EA	NOX PM	.60LB/MMBTU .03LB/MMBTU			

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 11.0 GMC ASSEMBLY PLANT	MI 208-80	826.66	N BOILER, COAL FIRED, 3 EA SPREADER-STOKER	NOX .60LB/MMBTU PM .03LB/MMBTU SO2 1.60LB/MMBTU 24 H * NOX .60LB/MMBTU PM .03LB/MMBTU SO2 1.60LB/MMBTU 24 H *	
SOURCE TYPE CODE -- 11.0 GMC CADILLAC MOTORS CORP. MI C-5764 THRU C-*		75.00AUTOS/H	N BOILER, POWERHOUSE, 3 EA	NOX .60LB/MMBTU PM .03LB/MMBTU SO2 1.10LB/MMBTU	L* L* B*
PROCESS CODE -- 1.1					
SOURCE TYPE CODE -- 1.1 GRAND HAVEN BOARD OF LT * MI 541-79		58.00MW	N COAL-FIRED BOILER	NOX .60LB/MMBTU 30 D * PM .03LB/MMBTU SO2 .84LB/MMBTU 30 D * .80LB/MMBTU 24 H *	
SOURCE TYPE CODE -- 1.1 GRAND RIVER DAM AUTHORITY OK PSD-OK-51		490.00MW	N COAL FIRED GEN STATION	PM 513.10LB/H SO2 1.20LB/MMBTU 6157.20LB/H	
SOURCE TYPE CODE -- 1.1 GREENWOOD MILLS, INC. SC SC035		88.40MMBTU/H	M COAL BOILER	NOX .55LB/MMBTU	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE		1.1		REPORT DATE 04/29/1983			
COMPANY NAME		STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
PROCESS CODE --	1.1					PM .04LB/MMBTU SO2 1.41LB/MMBTU	B*
SOURCE TYPE CODE --	7.12	IN			BOILER, COAL FIRED	NOX 183.00T/YR	
GRiffin Industries							
PROCESS CODE --	1.1						
SOURCE TYPE CODE --	1.1						
GRIFFISS AIR FORCE BASE	NY 3013004760029*		113.00MMBTU/H	N	COAL FIRED BOILERS, 4	NOX .62LB/MMBTU PM .05LB/MMBTU SO2 .71LB/MMBTU	B*
HAMPTON ROADS ENERGY CO.	VA 78VA01		184000.00BPSD	N	GEN,UTILITY STEAM,STACK 3	CO 20.00LB/H NO2 106.00LB/H PM 34.00LB/H SO2 180.00LB/H	B*
PROCESS CODE --	1.1						

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE 04/29/1983						
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS			
SOURCE TYPE CODE -- HARNEY ELECT.	1.5 OR (R)PSD-X81-12	442.0MMBTU/H	N	BOILERS, 2	NOX SO2	.50LB/MMBTU .18LB/MMBTU	B*	B*
PROCESS CODE --	1.1							
SOURCE TYPE CODE -- HCC CHEMICAL CO.	6.62 LA (R)PSD-LA-108	N BOILER, SPREADER STOKER	CO CO NOX NOX PM SO2	.10LB/MMBTU COAL .04LB/MMBTU RESID* .04LB/MMBTU DIST * .02LB/MMBTU N. GAS .70LB/MMBTU COAL .30LB/MMBTU RESID* .16LB/MMBTU DIST * .17LB/MMBTU N. GAS .02LB/MMBTU COAL .02LB/MMBTU RESID* .01LB/MMBTU DIST * .01LB/MMBTU N. GAS .32LB/MMBTU COAL .14LB/MMBTU RESID* .32LB/MMBTU DIST * .00LB/MMBTU N. GAS				
PROCESS CODE --	1.1							
SOURCE TYPE CODE --	1.1							

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

REPORT DATE 04/29/1983

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE --	1.1	IA SOUTHERN UTILITIES (C* IA		727.00MM	N BOILER, STEAM GEN, COAL FIRED	PM SO2	.10LB/MMBTU 1.20LB/MMBTU B*
SOURCE TYPE CODE --	1.1	IDAHO NAT ENGINEERING LA* ID (R)PSD-X81-11		165.00MMTU/H	N BOILERS, 2	NOX PM SO2 PM	.50LB/MMBTU .05GR/DSCF 99.20LB/H .01GR/ACF B* B* B*
SOURCE TYPE CODE --	1.1	INDIANA STATEWIDE RURAL * IN EPA-5-77-A-7		980.00MM	N BOILER, COAL FIRED, 2 EA	PM SO2	.10LB/MMBTU 1.20LB/MMBTU N* N*
SOURCE TYPE CODE --	1.1	INDIANA & MICHIGAN ELEC.* IN EPA-5-78-A-1		2600.00MM	N BOILER, COAL FIRED, 2 EA	PM SO2	.10LB/MMBTU 1.20LB/MMBTU N* N*
SOURCE TYPE CODE --	1.1	INDIANAPOLIS POWER & LIG* IN EPA-5-A-80-8		1950.00MM	N BOILER, COAL FIRED, 3 EA	NOX PM SO2	.60LB/MMBTU .03LB/MMBTU .55LB/MMBTU B*
SOURCE TYPE CODE --	1.1	INTERMOUNTAIN PWR PROJEC* UT		3000.00MM	N ASH UNLOAD COAL CONV COAL CRUSHING COAL STORAGE COAL UNLOAD	PM VE PM VE PM VE PM VE	64.00LB/H 20.00% OPACITY 17.00LB/H 20.00% OPACITY 1.00LB/H 20.00% OPACITY 27.00LB/H 20.00% OPACITY 2.00LB/H 20.00% OPACITY B* B* B* B* B* B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE	04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
				CONV/TRANSFER	PM .4.00LB/H VE 20.00% OPACITY
				HAUL ROADS LIME STORAGE	PM 1.00LB/H .10LB/H
				4 BOILERS	PM 20.00% OPACITY CO 1248.00LB/H NOX .55LB/MMBTU PN .02LB/MMBTU SO2 .15LB/MMBTU VE 20.00% OPACITY VOC 375.00LB/H
SOURCE TYPE CODE --	1.1	N	STEAM GENERATING COAL-FIRED *	NOX PM .50LB/MMBTU SO2 .03LB/MMBTU VE 30 D *	B*
IOWA ELECTRIC LIGHT & PO* IA		650.00MW		NOX PN .03LB/MMBTU SO2 .60LB/MMBTU VE DAILY*	B*
SOURCE TYPE CODE --	1.1	N	BOILER	NOX SO2 .86LB/MMBTU SO2 1.05LB/MMBTU VE 24H AV	B*
IOWA-ILLINOIS GAS & ELEC* IA		600.00MW		NOX PM .60LB/MMBTU SO2 .03LB/MMBTU SO2 .76LB/MMBTU	B*
SOURCE TYPE CODE --	1.1	N	STEAM GEN. UNIT	NOX PM .60LB/MMBTU SO2 .03LB/MMBTU SO2 .76LB/MMBTU	N*
JACKSONVILLE ELECT. AUTH* FL (R)PSD-FL-010		600.00MW		NOX PM .70LB/MMBTU SO2 .10LB/MMBTU SO2 1.20LB/MMBTU	N*
SOURCE TYPE CODE --	1.1	N	BOILER, COAL FIRED, PULV.	NOX PM .70LB/MMBTU SO2 .10LB/MMBTU SO2 .70LB/MMBTU	N*
KANSAS CITY POWER & LIGHT MO		630.00MW		NOX PM .70LB/MMBTU SO2 .10LB/MMBTU SO2 .70LB/MMBTU	N*
SOURCE TYPE CODE --	1.1	N	COAL FIRED BOILERS, UNITS 3 * NOX	.70LB/MMBTU	N*
KANSAS POWER & LIGHT CO. KS		2880.00MW (TOTAL*)			

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
SOURCE TYPE CODE -- 1.1 KENTUCKY POWER - CARR'S * KY C-80-42		1300.00MW	N	POWER BOILER	PM .10LB/MMBTU SO2 1.20LB/MMBTU B*
SOURCE TYPE CODE -- 1.1 KENTUCKY UTILITIES - HAN* KY C-82-123		1300.00MW	N	UNIT #1	NOX .60LB/MMBTU PM .03LB/MMBTU SO2 .60LB/MMBTU B*
PROCESS CODE -- 1.1					CO 1397.00T/YR NO2 .60LB/MMBTU PM 17476.00T/YR SO2 1.20LB/MMBTU B*
SOURCE TYPE CODE -- 10.1 KIRBY FOREST INDUSTRIES TX TX-231		1000.00T/D	N	POWER BOILER	CO 3.12LB/H NOX .06LB/MMBTU PM 371.00LB/H B*
PROCESS CODE -- 1.1					SO2 .70LB/MMBTU PM 53.00LB/H N*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE		1.1		REPORT DATE 04/29/1983			
COMPANY NAME		STATE & PERMIT		NEW/ PROCESS MOD DESCRIPTION		EMISSION LIMITATIONS & BASIS	
						.01LB/MMBTU	N*
						636.00LB/H	N*
						1.20LB/MMBTU	N*
PROCESS CODE --	1.1						
SOURCE TYPE CODE --	1.1	NC (R) INC-075		233.90MMBTU/H	M BOILER	CO	1.00LB/T COAL
LITHIUM CORP.						NOX	.07LB/MMBTU
						PM	.11LB/MMBTU
							B*
							B*
						SO2	114.80T/YR
							B*
							B*
SOURCE TYPE CODE --	1.1				INDIRECT HEAT EXCHANGER	NOX	.70LB/MMBTU
LOUISVILLE GAS & ELECT. *	KY C-78-34					PM	.00T/YR
							.10LB/MMBTU
						SO2	1.20LB/MMBTU
							10790.00T/YR
SOURCE TYPE CODE --	1.1				INDIRECT HEAT EXCHANGER	NOX	.70LB/MMBTU
LOUISVILLE GAS & ELECT. *	KY C-79-53					PM	.00T/YR
							.10LB/MMBTU
						SO2	1.20LB/MMBTU
							10790.00T/YR
SOURCE TYPE CODE --	1.1						
L.D.S. CHURCH WELFARE SQ* UT				16000.00LB/H STEAM	M COAL FIRED BOILER	PM	.04GR/DSCF

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
MALLINCKRODT, INC	MO	M COAL FIRED BOILER		NOX .60LB/MMBTU .30LB/MMBTU FUEL * .20LB/MMBTU GAS	
				SO2 2.00LB/MMBTU 2.85LB/MMBTU MAX/D*	SO2 30D R*
				SO2 1.20LB/MMBTU MAX/D*	SO2 1.20LB/MMBTU FUEL *
				SO2 .01LB/MMBTU GAS	SO2 .01LB/MMBTU GAS
SOURCE TYPE CODE --	6.62	60.00MMBTU/H	M	BOILER, COAL FIRED	NOX .70LB/MMBTU 1.50LB/MMBTU
PROCESS CODE --	1.1				
SOURCE TYPE CODE --	6.61	23.00MMGAL/YR *	N	PROCESS STM GEN, COAL FIRED	NOX .70LB/MMBTU PH .04LB/MMBTU SO2 .68LB/MMBTU
MAPEE ALCOHOL FUEL, INC.	TX (R)PSD-TX-374				

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MUD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
SOURCE TYPE CODE -- 1.1 MARQUETTE BOARD OF LT & * MI 65-80		517.60MMBTU/H	N	BOILER, COAL-FIRED COAL & ASH HANDLING & STORAGE	NOX .50LB/MMBTU PM .03LB/MMBTU SO2 .40LB/MMBTU .03GR/DSCF
PROCESS CODE -- 1.1					
SOURCE TYPE CODE -- 6.43 HEAD JOHNSON & CO.	IN PC(65) 1507		N	BOILERS, COAL-FIRED, 2 EA	NOX .65LB/MMBTU PM .03LB/MMBTU SO2 2.10LB/MMBTU
PROCESS CODE -- 1.1					
SOURCE TYPE CODE -- 1.1 MIAMI PAPER CORP.	OH 0857190134 B00*	94.60MMBTU/H	H	STOKER BOILER, 2	PM .15LB/MMBTU SO2 1.60LB/MMBTU
PROCESS CODE -- 1.1					
SOURCE TYPE CODE -- 5.6 MIAMI VALLEY REFIN. CO.	IN PC(15)1485		N	FBC COAL FIRED BOILER	PM .06LB/MMBTU SO2 .14LB/MMBTU
PROCESS CODE	1.1				

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE	04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS	& BASIS
PROCESS CODE -- 1.1					
SOURCE TYPE CODE -- 1.1 MICHIGAN SOUTH CENTRAL P* MI 607-78		500000.00LB/H	N COAL-FIRED BOILER	NOX PM .60LB/MMBTU NOX PM .03LB/MMBTU	
SOURCE TYPE CODE -- 1.1 MINNESOTA POWER & LIGHT * MN EPA-5-77-A-6		500.00MW	N BOILER, COAL FIRED	PM SO2 .10LB/MMBTU PM SO2 1.20LB/MMBTU	N*
SOURCE TYPE CODE -- 1.1 MONSANTO CO. IA		150.00MBTU/H	M BOILER B-8 SPREADER-STOKER	NOX PM .60LB/MMBTU 30 D *	B*
SOURCE TYPE CODE -- 1.1 MORGANTOWN ENERGY RESEARCH WV 78WV08		98.30MBTU/H	N COAL/LIMESTONE CONVEYORS COAL/LIMESTONE DRYER COAL/LIMESTONE DRYER COAL/LIMESTONE DRYER COAL/LIMESTONE UNLOAD FLUIDIZED BED BOILER	PM SO2 .03LB/MMBTU 3HR R* PM SO2 1.95LB/MMBTU 3HR R* VE 20.00%, 6 MIN AVG.	B*
SOURCE TYPE CODE -- 1.1 MUSCATINE POWER & WATER IA		166.00MW (GROSS)	M ASH HANDLING BOILER, UNIT #9, COAL/OIL/GAS	PM NOX .02GR/SCF PM NOX .60LB/MMBTU PM SO2 .03LB/MMBTU PM SO2 .45LB/MMBTU 30D R*	L* B* L* L*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERIOR COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE 04/29/1983						
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS			& BASIS
SOURCE TYPE CODE -- 1.1 NE PUBLIC POWER DIST./GE* NE		650.00MW		COAL HANDLING	PM	.56LB/MMBTU	MAX D*	L*
						.01GR/SCF		L*
PROCESS CODE -- 1.1		N BOILER, STEAM GEN, COAL FIRED	PM		.10LB/MMBTU			B*
			S02		1.20LB/MMBTU			B*
SOURCE TYPE CODE -- 6.61 NEBRASKA ALCOHOL FUEL CO* NE		10.00MIGAL/YR	N BOILER		NO2	.50LB/MMBTU		
					PM	.05LB/MMBTU		
					S02	1.16LB/MMBTU		
PROCESS CODE -- 1.1								
SOURCE TYPE CODE -- 1.1 NEBRASKA PUBLIC POWER DI* NE		650.00MW	BOILER		CO	50.00PPM		
					H02	.50LB/MMBTU	30 D *	
					PM	.03LB/MMBTU		
					S02	70.00% REMOVAL		
						.38LB/MMBTU-30 D *		
COAL HANDLING					PM	20.00% OPACITY		
SOURCE TYPE CODE -- 1.1 NEVADA POWER CO.	NV NV-77-01	560.00MW EA	N ACTIVE COAL STORAGE SILOS ASH HANDLING, STOR. & DISPOSAL BOILERS, 4 EA					

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1					REPORT DATE	04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS & BASIS	
						CO	320.00LB/H 50.00PPM AT 20% EXC*
						FL*	B* 9.00LB/H
						H2*	13.00LB/H
						NOX	2498.00LB/H .44LB/MMBTU
						PM	.02LB/MMBTU
							10.00% OPACITY
						SO2	566.00LB/H .10LB/MMBTU
							B*
							B*
						CO	26.00LB/H 50.00PPM
						FL*	1.00LB/H 2.00LB/H
						H2*	1.00LB/H 2.00LB/H
						NOX	204.00LB/H .44LB/MMBTU
						SO2	46.00LB/H .11LB/MMBTU
						COAL FIRED BOILERS, 4	PM 11.40T/YR
						FUEL OIL STORAGE INACTIVE COAL STORAGE PILE LIME CONVEYING, TRANSFER, ST*	
						PLANT ACCESS & HAUL ROADS	

PROCESS CODE -- 1.1

SOURCE TYPE CODE -- 3.3						NOX	.50LB/MMBTU SB. C*
NEVADA PWR CO./REID GARD* NV (R)INV 79-03	250.00MW	M	GENERATOR				.60LB/MMBTU BIT. *

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS	
					PM .03LB/MMBTU SO2 .29LB/MMBTU	
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 6.61 IN EPA-5-A-82-1	NEW ENERGY CORP.	N COAL-FIRED BOILER		NOX .70LB/MMBTU PM .03LB/MMBTU SO2 1.20LB/MMBTU	L*	3 H AV
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 1.1 NEW ENGLAND POWER CO., B* MA APRR. LTR 10-0*	1080.00MW	M COAL COMBUSTION		PM .08LB/MMBTU S 1.21LB/MMBTU	MONTH*	R*
SOURCE TYPE CODE -- 1.1 NORFOLK & WESTERN RAILWA* VA 79VA14	82.60MMBTU/H	M BOILER, COAL-FIRED		PH .23LB/MMBTU SO2 56.50LB/H	DAILY*	R*
SOURCE TYPE CODE -- 1.1 NORTHERN INDIANA PUBLIC * IN EPA-5-A-80-18	7934.00MMBTU/H	N BOILERS, COAL-FIRED, 2 EA		PM 2.11LB/MMBTU SO2 523.10LB/H	B*	B*
					NOX .60LB/MMBTU PM .03LB/MMBTU SO2 .62LB/MMBTU	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1					REPORT DATE	04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
				FUGITIVE EMISSIONS, CONVEYORS FUGITIVE EMISSIONS, CRUSHER *FUGITIVE EMISSIONS, FLYASH **			
PROCESS CODE --	1.1						
SOURCE TYPE CODE --	12.0						
NORTHERN MICHIGAN UNIV.	MI 121-60	N	COAL-FIRED BOILERS, 3 EA	NOX PM SO2	.60LB/MMBTU .03LB/MMBTU 1.40LB/MMBTU		
PROCESS CODE --	1.1						
SOURCE TYPE CODE --	1.1						
NORTHERN STATE POWER CO.* MN	EPA-5-77-A-2	1600.00MM	N	BOILER, COAL FIRED, 2 EA	PM SO2	.10LB/MMBTU 1.20LB/MMBTU	N*
SOURCE TYPE CODE --	1.1						
NY STATE ELECT. & GAS - * NY	635.00MM	N	COAL HANDLING FLYASH HANDLING LIMESTONE HANDLING MAIN BOILER	NOX PM SO2	.60LB/MMBTU .03LB/MMBTU .70LB/MMBTU .60LB/MMBTU	B*	B*
SOURCE TYPE CODE --	1.1						

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1		REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	NEW/ PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
SOURCE SIZE	MOD		
OKLAHOMA GAS & ELECT. CO. OK (R)PSD-OK-218	550.00MM	H BIN TOWERS, COAL SURGE, 2 EA COAL CRUSHER TOWER COAL SILOS, 2 EA COAL STORAGE PILES GEN. UNITS, COAL-FIRED, 2 EA	PM 3.90LB/H PM 3.40LB/H PM 3.70LB/H PM 5.80LB/ACRE CO .06LB/MMBTU NOX .50LB/MMBTU PM .03LB/MMBTU SO2 .46LB/MMBTU PM 2.80LB/H
TUNNELS, COAL RECLAM., 2 EA			
SOURCE TYPE CODE -- 1.1 OKLAHOMA GAS & ELECT. CO. OK PSD-OK-57	550.00MM	H COAL FIRED BOILER	PM .10LB/MMBTU PM 212.00LB/H SO2 1.20LB/MMBTU SO2 6180.00LB/H
PROCESS CODE -- 1.1			
SOURCE TYPE CODE -- 10.1 OLINKRAFT	LA (R)PSD-LA-037	N BOILER	PM .10LB/MMBTU SO2 .73LB/MMBTU
PROCESS CODE -- 1.1			
SOURCE TYPE CODE -- 7.9 OWENSBORO GRAIN CO.	KY C-81-70	M BOILER, COAL FIRED, & FUEL H*	NOX .70LB/MMBTU SO2 1.60LB/MMBTU

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE	04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS	& BASIS
PROCESS CODE --	1.1				
SOURCE TYPE CODE --	10.6				
PACKAGING CORP. OF AM	MI 681-80	H	BOILER, 2 TOTAL	PM SO2	.10LB/MMBTU 1.67LB/MMBTU 24 H *
PROCESS CODE --	1.1				
SOURCE TYPE CODE --	1.1				
PENNSYLVANIA ELECT. CO.	PA 78PA13	625.00MM ONE	N COAL AND ASH HANDLING UTILITY BOILER, COAL FIRED	CO NOX PM SO2	.04LB/MMBTU .60LB/MMBTU .03LB/MMBTU .63LB/MMBTU
SOURCE TYPE CODE --	1.1				
PLAINS ELECT. GEN & TRANS NM (R)PSD-NM-82		2471.00MMBTU/H	N COAL HANDLING FUGITIVES LIMESTONE HANDLING STEAM GENERATOR, COAL-FIRED	CO FL* NOX PM SO2	.06LB/MMBTU .00LB/MMBTU .45LB/MMBTU .03LB/MMBTU .20LB/MMBTU
SOURCE TYPE CODE --	1.1				
PLATTE RIVER P&R-RAWHIDE CO		250.00MW	N BOILER	NOX	.50LB/MMBTU
				B*	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE 04/29/1983					
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
			PM	.03LB/MMBTU	B*		
			SO2	.13LB/MMBTU	B*		
			PM	.53LB/H	B*		
			PM	.40LB/H	B*		
			PM	.40-.40LB/H	B*		
			PM	1.05LB/H	B*		
			PM	.04LB/H	B*		
			PM	.01LB/H	B*		
<hr/>							
PROCESS CODE --	1.1						
<hr/>							
SOURCE TYPE CODE --	7.12	NC	248.00MMBTU/H, *	N BOILER, PULVERIZED COAL FIRE* BE	.006M/MMBTU	B*	
R. J. REYNOLDS				CD	.04LB/MMBTU	B*	
				FL*	.00LB/MMBTU	B*	
				HG	.00GM/MMBTU	B*	
				NO2	.70LB/MMBTU	N*	
				PB	.00611/MMBTU	B*	
				PM	.05LB/MMBTU	B*	
				SO2	1.20LB/MMBTU	N*	
				VOC	.01LB/MMBTU	B*	
<hr/>							
SOURCE TYPE CODE --	7.12						
R. J. REYNOLDS TOBACCO C* NC	00405-0004-P	302.60MMBTU/H	H	BOILER	NO2	.70LB/MMBTU	B*
					PI	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
					VE	20.00% OPACITY	L*
<hr/>							

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
SOURCE TYPE CODE -- 1.1 SAGINAW STEERING GEAR	AL AL 064	121.40MMBTU/H	N	BOILER, COAL FIRED	PM SO2 1.60LB/H 1.50LB/MMBTU B*
SOURCE TYPE CODE -- 1.1 SALT RIVER PROJECT CORON* AZ (R)AZP76-1		350.00MM	N	STEAM GEN. UNIT	NOX PM SO2 .70LB/MMBTU .08LB/MMBTU .80LB/MMBTU N*
SOURCE TYPE CODE -- 1.1 SANDOW STEAM ELECT. STAT* TX PSD-TX-28		890.00MM	N	BOILER, LIGNITE FIRED	PM SO2 .10LB/MMBTU 1.20LB/MMBTU 6827.00LB/H
PROCESS CODE -- 1.1					
SOURCE TYPE CODE -- 6.62 SHELL CHEMICAL CO.	LA	N BOILERS, 3 EA	CO NOX PM SO2	.06LB/MMBTU 38.00LB/H .70LB/MMBTU 416.00LB/H .09LB/MMBTU 53.00LB/H 1.20LB/MMBTU 713.00LB/H	B* B* B* B* B* B* B* B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE	04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 1.1 SIERRA PACIFIC POWER CO.	NV (R)NV 77-02	530.50MW	N BOILERS, COAL FIRED, 2	NOX .70LB/MMBTU PM .10LB/MMBTU SO2 1.20LB/MMBTU	B*
SOURCE TYPE CODE -- 1.1 SIKESTON BOARD OF MUNICIPAL MO		235.00MW	N BOILER, STEAM GEN, COAL FIRED	PM .10LB/MMBTU SO2 1.20LB/MMBTU	B*
SOURCE TYPE CODE -- 1.1 SOUTHWESTERN PUBLIC SERV* TX (R)PSD-TX-50		567.00MW, 2 EA	N STEAM TURBINE, COAL-FIRED	PM .10LB/MMBTU SO2 508.80LB/H 1.20LB/MMBTU	
SOURCE TYPE CODE -- 1.1 SOYLAND POWER COOP.	IL 82 02 0030		N BOILER	NOX .60LB/MMBTU PM .03LB/MMBTU SO2 90.00% REMOVAL 1.20LB/MMBTU 90.00% REMOVAL	N*
PROCESS CODE -- 1.1					
SOURCE TYPE CODE -- 4.4 STEELCASE, INC.	MI 51-80		N BOILER, COAL FIRED, 2 EA	NOX .60LB/MMBTU PM .05LB/MMBTU SO2 1.60LB/MMBTU	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
SOURCE TYPE CODE -- 10.2 SUNBELT FOREST PRODUCTS * AL PSD-AL-073		N BOILER, COAL, UNIT#2		NOX .70LB/MMBTU PM .10LB/MMBTU SO2 1.20LB/MMBTU	N*
		BOILER, COAL, UNIT#3		NOX .70LB/MMBTU PM .10LB/MMBTU SO2 1.20LB/MMBTU	N*
		BOILER, COAL, UNIT #1		NOX .70LB/MMBTU PM .10LB/MMBTU SO2 1.20LB/MMBTU	N*
PROCESS CODE -- 1.1					
SOURCE TYPE CODE -- 1.1 SUNFLOWER ELECT. COOP., * KS		348.00MW (GROSS)	N	BOILER, COAL-FIRED	CO .06LB/MMBTU NOX .60LB/MMBTU PM .03LB/MMBTU SO2 .48LB/MMBTU
SOURCE TYPE CODE -- 1.1 SW ELECT. POWER	TX	720.00MW, 2 EA	N	BOILER, COAL FIRED UNIT #1	CO .13LB/MMBTU NOX 892.00LB/H PM 4068.00LB/H SO2 .72LB/MMBTU
					CO .13LB/MMBTU NOX 892.00LB/H PM 203.00LB/H SO2 4882.00LB/H
				BOILER, COAL FIRED UNIT #2	CO .13LB/MMBTU NOX 892.00LB/H PM 4068.00LB/H

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE	04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SW ELECT. POWER	LA (R)PSD-LA-117	720.00MW EA	M	BOILER, COAL FIRED BOILER, COAL FIRED COAL HANDLING	CO CO NOX NOX PM PM PM SO2 .80LB/MMBTU .80LB/MMBTU .60LB/MMBTU .60LB/MMBTU .10LB/MMBTU .03LB/MMBTU .20LB/MMBTU .60LB/MMBTU	B* B* N* N* B* B* N* N*
SW ELECT. POWER	TX (R)PSD-TX-130	1440.00MW	N	BOILERS, 2 EA	CO NOX PM PM SO2 .10LB/MMBTU .60LB/MMBTU .03LB/MMBTU .90LB/MMBTU 2.40LB/H	B* N* N* B*
SW ELECT. POWER	TX PSD-TX-64	720.00MW	M	COAL FIRED STEAM GEN	PM SO2 .10LB/MMBTU 1.20LB/MMBTU 682.00LB/H	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

DEPOSIT DATE 06/28/1987

COMPANY NAME	SOURCE TYPE CODE --	STATE & PERMIT	SOURCE SIZE	MOD	DESCRIPTION	EMISSION LIMITATIONS & BASIS
SEAHAM OIL CO.	5.6	VA 78VA04	26000.00BPSD	N	BOILER, STEAM	CO .60LB/H NOX 7.00LB/H PM .50LB/H SO2 20LB/H

PROCESS CODE --	1.1	SOURCE TYPE CODE --	1.1	WA (R)PSD-X-82-06	1600.00MBTU/H	N	BOILER	CO	.04LB/MMBTU	B*
S.C. PUBLIC SERVICE AUTH*	SC P/C-08-190							NOX	.60LB/MMBTU	B*
								PM	.03LB/MMBTU	B*
								SO2	.41LB/MMBTU	B*
SOURCE TYPE CODE --	1.1	TACOMA CITY LIGHT	WA (R)PSD-FL-040	425.00MBTU/H	M	POWER GEN.	UNIT	CO	.01LB/MMBTU	B*
S.C. PUBLIC SERVICE AUTH*	SC P/C-08-190							NOX	.001LB/H	B*
								PM	.60LB/MMBTU	B*
								SO2	.2598.0001LB/H	B*
SOURCE TYPE CODE --	1.1	TAMPA ELECT. CO.	FL (R)PSD-FL-040	425.00MBTU/H	M	POWER GEN.	UNIT	CO	.01LB/MMBTU	B*
S.C. PUBLIC SERVICE AUTH*	SC P/C-08-190							NOX	.03LB/MMBTU	B*
								PM	.130.0001LB/H	B*
								SO2	.82LB/MMBTU	B*
									3576.0001LB/H	N*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1					REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 9.16 TENNESSEE EASTMAN CO. TN		N BOTLER, 2		CO NOX PM SO2 VOC	.07LB/MMBTU .60LB/MMBTU .04LB/MMBTU 1.20LB/MMBTU .03LB/MMBTU	B* B* L* B* L*
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 6.62 TENNESSEE EASTMAN CO. TN TN 065		M BOILER-COAL FIRED		PM SO2	14.00LB/H 936.00LB/H	B* B*
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 1.1 TUCSON ELECT. POWER CO. * AZ AZP 79-01	350.00MM	M COAL FIRED GEN. UNITS		NOX PM SOX	.44LB/MMBTU .3LB/MMBTU .22LB/MMBTU 617.00LB/H	
SOURCE TYPE CODE -- 1.1						

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE 04/29/1983					
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
TUCSON ELECT. POWER CO. * AZ (R)AZ77-01		700.00MMW	N	BOTTOM ASH COAL FIRED GEN. UNITS, 2	NOX PM SO2	.70LB/MMBTU .03LB/MMBTU .69LB/MMBTU	N* B* B*
				COAL HANDLING FLY ASH			
SOURCE TYPE CODE -- 1.1 TVA - AFBC PILOT PLANT -* KY C-80-18		200.00MMBTU/H	N	FLUIDIZE BED BOILER	PM SO2	.10LB/MMBTU 1.20LB/MMBTU	B* B*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 12.0 UNIVERSITY HOSPITAL	OH 1431070207B0C3	68.00MMBTU/H	M	BOILER, COAL FIRED	PM SO2	.23LB/MMBTU 2.00LB/MMBTU	
SOURCE TYPE CODE -- 12.0 UNIVERSITY OF CINCINNATI	OH 1431070849		M	HEATING PLANT - COAL	PM SO2	.18LB/MMBTU 1.60LB/MMBTU	
SOURCE TYPE CODE -- 12.0 US AIRFORCE-MALMSTROM	MT	318.00MMBTU/H	M	3 HEATERS	NOX PM SO2	.50LB/MMBTU 106.00LB/H 7.60LB/H	B* B* B*
PROCESS CODE -- 1.1							

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE	04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 1.1					
UTAH PAR & LT CO-HUNTER * UT		1600.00MM	N ACTIVE STORAGE	PM 2.00LB/H VE 20.00% OPACITY	B*
			ASH SILO UNLD	PM 49.00LB/H VE 20.00% OPACITY	B*
			ASH SILO VENTS	PM 49.00LB/H VE 20.00% OPACITY	B*
			BOILERS(3&4)	NOX .55LB/MMBTU PM .03LB/MMBTU SO2 .12LB/MMBTU	B*
			CONV	VE 20.00% OPACITY PM 5.00LB/H	B*
			HAUL ROADS INACT STORAGE	VE 20.00% OPACITY PM 2.70LB/H PM 4C.00LB/H	B*
			LIME T/S SLUDGE MIX(ASH) TRANS	VE 20.00% OPACITY VE 20.00% OPACITY PM 1.00LB/H	B*
			TRUCK UNLD	VE 20.00% OPACITY PM .10LB/H	B*
				VE 20.00% OPACITY	
SOURCE TYPE CODE -- 1.1					
U.S. DOE, 4 - COAL PILOT* KY C79121		70400.00T/YR	N BOILER	CO 1.00T/YR ND2 6.00T/YR	
WASHINGTON WATER POWER C* WA (R)PSD-X-83-01		2080.00MM	N CGS BOILER	PM 2.00LB/H SO2 10.00T/YR VOC 3.00T/YR	
				BE .02LB/H ANNUAL AV CO 332.00LB/H FL* 1.15LB/H ANNUAL AV	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
WASHINGTON WATER POWER C* (CONTINUED)					
				NOX	.03LB/H ANNUAL AV
				NOX	.50LB/MMBTU SB. C*
				PB	.60LB/MMBTU, BIT.*
				PM	.27LB/H ANNUAL AV
				SO2	.03LB/MMBTU
				SO2	.22LB/MMBTU 30D R*
				SU*	1140.00LB/H, 24 H ROL*
				VE	80.90LB/H ANNUAL AV
				VOC	20.00% OPACITY 3.32LB/H
SOURCE TYPE CODE --	1.1	640.00MW (NET)	N	STEAM GENERATOR	
WEST TEXAS UTILITIES CO.	TX 9015			NOX	.50LB/MMBTU
				PM	.03LB/MMBTU
				SO2	.50LB/MMBTU
				N*	N*
 PROCESS CODE -- 1.1					
SOURCE TYPE CODE --	10.1	1500.00T/D ADP	N	POWER BOTLER (COAL)	
WESTVACO CORP.	SC SC-037			NOX	.70LB/MMBTU
				PM	.10LB/MMBTU
				SO2	1.20LB/MMBTU
				N*	N*
 PROCESS CODE -- 1.1					
SOURCE TYPE CODE --	1.1	1160.00MW	N	BOILER, COAL FIRED, 2 EA	
WISCONSIN ELEC. POWFR CO* WI EPA-5-76-A-1				PM	.10LB/MMBTU
				N*	N*
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PROCESS CODE					
1.1					

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.1	REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 1.1 WISCONSIN POWER & LIGHT * WI EPA-5-77-A-3		400.00MW	N BOILER, COAL FIRED	SO2 .20LB/MMBTU COAL PM .80LB/MMBTU, OIL	N*
SOURCE TYPE CODE -- 1.1 WISCONSIN PUBLIC SERVICE* WI EPA-5-77-A-4		321.00MW	N BOILER, COAL FIRED	PM .10LB/MMBTU SO2 1.20LB/MMBTU	N*
PROCESS CODE -- 1.2					
SOURCE TYPE CODE -- 6.62 ALLIED CHEMICAL	LA (R)PSD-LA-104		H BOILER	NOX .30LB/MMBTU PM .001LB/MMBTU SO2 .07LB/MMBTU VOC .01LB/MMBTU	B*
PROCESS CODE -- 1.2					
SOURCE TYPE CODE -- 6.61 AM. MODERN FOOD ENERGY S* IA		40.00MMGAL/YR	N TWO BOILERS, OIL/GAS	NOX .25LB/MMBTU OIL PM .20LB/MMBTU N.G. SO2 .03LB/MMBTU .50LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.2	REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
SOURCE TYPE CODE -- ANHEUSER-BUSCH, INC.	7.4 TX (R)PSD-TX-246	10.00MMMBBL/YR	H	OIL BOILERS, 3	CO 2.70LB/H EA .04LB/MMBTU NOX 32.10LB/H EA .42LB/MMBTU
PROCESS CODE --	1.2				B*
SOURCE TYPE CODE -- ANHEUSER-BUSCH, INC.	1.2 VA 79VA15	98.00MMBTU/H	N	BOILER	SO2 1.07LB/MMBTU
PROCESS CODE --	1.2				B*
SOURCE TYPE CODE -- ATLANTIC SUGAR ASSOC.	1.6 FL (R)AC50-42389	195.00MMBTU/H	H	BOILER, NO. 6 OIL	SO2 1.00% S OIL VE 30.00% OPACITY
PROCESS CODE --	1.2				
SOURCE TYPE CODE -- A.I. DUPONT INSTITUTE	1.2 DE (R)79-DE-01	37.50MMBTU/H	H	BOILERS (3)	CO 2.50LB/H NOX 30.00LB/H
					B*
					B*
					PROCESS CODE 1.2

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.2	REPORT DATE	04/29/1983		
COMPANY NAME	STATE & PERMIT	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
PROCESS CODE --	1.2				
SOURCE TYPE CODE --	11.0				
A.O. SMITH CORP.	WI ATT-03-80-41-0*	M	BOILER	PM	.15LB/MMBTU
PROCESS CODE --	1.2				
SOURCE TYPE CODE --	7.12				
CAMPBELL SOUP CO.	NC NC-065	113.00MMBTU/H	EA N BOILER	SO2	1.30LB/MMBTU
PROCESS CODE --	1.2				
SOURCE TYPE CODE --	5.14				
CHEVRON USA, INC.	CA NSR-4-4-8 SJ-7*	450.00MMBTU/H	M BOILERS, 9	PM	3.60LB/H
				SO2	18.80LB/H
				B*	L*
				B*	
PROCESS CODE	1.2				

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.2					REPORT DATE	04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- CRANSTON PRINT WORKS	1.2 NC NC-030	243.00MMBTU/H	N	BOILER		NOX .70LB/MMBTU PM .10LB/MMBTU SO2 1.20LB/MMBTU	N* B* B*
PROCESS CODE --	1.2						
SOURCE TYPE CODE -- DEGUSSA CHEM CORP.	1.5 AL AL 072	205.68MMBTU/H	M	HEAT BOILER, FUEL OIL, NATUR*	NOX .40LB/MMBTU PM .10LB/MMBTU SO2 1.20LB/MMBTU		B* B* B*
PROCESS CODE --	1.2						
SOURCE TYPE CODE -- FIRESTONE TIRE CO.	1.2 GA GA 067	96.40MMBTU/H	M	BOILER, OIL FUEL	PM .16LB/MMBTU		B*
PROCESS CODE --	1.2						
SOURCE TYPE CODE -- FIRESTONE TIRE CO.	6.55 NC NC-024	27700.00LB/H INPUT	N	BOILER	SO2 106.00LB/H		B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.2	REPORT DATE	06/29/1983		
COMPANY NAME	STATE & PERMIT	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 1.2	HOOKER CHEMICAL & PLASTIC MD 78ND07	81.90MBTU/H	N OIL FIRED BOILER	SO2 355.10LB/H	B*
SOURCE TYPE CODE -- 1.2	HOUSTON LIGHTING & POWER TX (R)PSD-TX-209	185.00MBTU/H	EA N BOILER, 2 EA	NOX .30LB/MMBTU PM 55.00LB/H SO2 .10LB/MMBTU	B*
PROCESS CODE -- 1.2				PM 18.35LB/H SO2 .50LB/MMBTU	B*
PROCESS CODE -- 1.2				SO2 92.10LB/H	B*
SOURCE TYPE CODE -- 6.62	MEREDITH/BURDA, INC. NC NC-064	6200.00BTU/LB	N BOILER	PM 4.00LB/H	B*
PROCESS CODE -- 1.2					
SOURCE TYPE CODE -- 10.6	NATICK PAPERBOARD MA 24-119-MA-13	60.00MBTU/H	N BOILER,REPLACEMENT,OIL-FIRED	SO2 145.94LB/H	B*
PROCESS CODE -- 1.2					
SOURCE TYPE CODE -- 6.61					

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITIY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.2	REPORT DATE	04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS	& BASIS
NEW ENERGY CORP.	IN EPA-5-A-82-1	N OIL-FIRED BOILER		NOX .60LB/MMBTU PM .02LB/MMBTU SO2 .31LB/MMBTU L*	
PROCESS CODE --	1.2				
SOURCE TYPE CODE --	1.2 NORTHERN INDIANA PUBLIC *	IN EPA-5-79-A-25	N GENERATOR, OIL FIRED, 2	NOX 75.00PPM	
PROCESS CODE --	1.2				
SOURCE TYPE CODE --	1.1 NY STATE ELECT. & GAS - * NY	635.00MW	N AUXILIARY BOILERS, 2		
PROCESS CODE --	1.2				
SOURCE TYPE CODE --	1.6 OSCEOLA FARMS CO.	288.00MMBTU/H FL FL-0012	N BOILER, NO.6 OIL	PM .10LB/MMBTU INPUT SO2 1.00% MAX S OIL VE 30.00% OPACITY VOC 2.00LB/T S*	
PROCESS CODE	1.2				

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.2	REPORT DATE 04/29/1983						
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS			& BASIS
SOURCE TYPE CODE -- 5.14 PARAIKO DEVELOPMENT CORP. UT		N PACKAGE BOILER			CO	5.00LB/MMGAL		
					NOX	22.00LB/MMGAL		
					PM	2.00LB/MMGAL		
					SO2	.50% S CONTENT		
					VOC	1.00LB/MMGAL		
PROCESS CODE -- 1.2								
SOURCE TYPE CODE -- 10.1 PORT ST. JOE	FL FL-075	882.00MMBTU/H	N	BOILER, OIL-FIRED	CO	25.20LB/H		
					NO2	226.80LB/H		
					PM	75.60LB/H		
					SO2	604.80LB/H		
PROCESS CODE -- 1.2								
SOURCE TYPE CODE -- 6.62 PROCTOR & GAMBLE	GA GA 008	N BOILER			SO2	1.00% S OIL		
PROCESS CODE -- 1.2								
SOURCE TYPE CODE -- 10.6 PROCTOR & GAMBLE PAPER P* TX PSD-TX-89		N STEAM GEN			NOX	30.00LB/H		

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.2	REPORT DATE	04/29/1983		
COMPANY NAME	STATE & PERMIT	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
PROCESS CODE --	1.2				
SOURCE TYPE CODE --	6.62	LA	N BOILER, 2 TEMPORARY	CO .03LB/MMBTU NOX 6.53LB/H EA	B*
SHELL CHEMICAL CO.				PM .30LB/MMBTU SO2 59.60LB/H EA	B*
				PM .10LB/MMBTU SO2 19.90LB/H EA	B*
				PM .75LB/MMBTU SO2 148.90LB/H EA	B*
PROCESS CODE --	1.2				
SOURCE TYPE CODE --	1.6		N BOILER, #6 OIL	PM .10LB/MMBTU SO2 1.00% S OIL	B*
SUGAR CANE GROWERS COOP. FL (R)PSD-FL-077	240000.00LB/H			VE 30.00% OPACITY	B*
PROCESS CODE --	1.2				

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.2	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS	REPORT DATE
COMPANY NAME								04/29/1983
SOURCE TYPE CODE --	8.5	OH 1576051246	1.10MMT/YR	N	BOILERS, 3 EA.	CO NOX PM SO2	.04LB/MMBTU .25LB/MMBTU .02LB/MMBTU .55LB/MMBTU	
THE TIMKEN CO.								
PROCESS CODE --	1.2							
SOURCE TYPE CODE --	5.5	CA (R)SJ-78-26		N	CO BOILER	CO NOX SO2	45.70LB/H 41.00LB/H .50% S FUEL	L* B* L*
TOSCO CORP.								
PROCESS CODE --	1.2							
SOURCE TYPE CODE --	4.12							
W.F. HALL PRINTING CO.		GA 2754-036-8480	120.00MMBTU/H	N	BOILERS, 2	PM SO2	.10LB/MMBTU 246.00LB/H .80LB/MMBTU	N* H* N*
PROCESS CODE --	1.3							
SOURCE TYPE CODE --	5.5	UT						
AMOCO, CAVE CREEK								
SOURCE TYPE CODE --	5.5	UT	250.00MMSCFD	SO2*	N GLYCOL REBOTLER	NOX	2.10T/YR	B*
AMOCO, CAVE CREEK								

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.3

COMPANY NAME STATE & PERMIT				NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS		
REG GAS HEATER	VE	20.00% OPACITY				NOX	3.60T/YR	B*
STAB REBOILER	VE	20.00% OPACITY				NOX	9.20T/YR	B*
3 BOILERS	VE	20.00% OPACITY				NOX	145.90T/YR	B*
6 HEATERS	VE	20.00% OPACITY				NOX	.70T/YR	B*
	VE	20.00% OPACITY				VE		
PROCESS CODE -- 1.3								
SOURCE TYPE CODE -- 6.62	M	BOILER				NOX	.117LB/MMBTU	
ARCHER DANIELS MIDLAND IL 81 07 0035								
SOURCE TYPE CODE -- 6.62	M	STEAM BOILER				NOX	.36.40LB/H	
BASF-WYANDOTTE LA							.12LB/MMBTU	B*
PROCESS CODE -- 1.3								
SOURCE TYPE CODE -- 5.16	N	BOILER				CO	.05LB/H	
COLORADO INTERSTATE GAS OK (R)PSD-OK-358						NOX	.32LB/H	B*
						PM	.01LB/H	B*
						SO2	.001LB/H	B*

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PROCESS CODE 1.3

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

REPORT DATE 04/29/1983						
PROCESS CODE	1.3	COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS & BASIS
SOURCE TYPE CODE --	1.3	CONSUMERS POWER CO.	MI 99-81	175.00MLB/H	N BOILERS, NAT. GAS, 3 EA	NOX .20LB/MMBTU
PROCESS CODE --	1.3	HILL PETROLEUM CO.	LA (R)PSD-LA-286A	M BOILER	CO 4.00LB/MMBTU GAS 1.50LB/MMBTU PROPA* NOX .10LB/MMBTU GAS .11LB/MMBTU PROPA*	
PROCESS CODE --	1.3	INTERNAT. LABEL MFG. FAC.	TN PSD-TN-060	N BOILERS, NAT. GAS, 3 EA	SO2 152.88T/YR	B*
PROCESS CODE --	1.3	MAPEE ALCOHOL FUEL, INC.	TX (R)PSD-TX-374	N AUXILIARY BOILER, NAT. GAS	NOX .00LB/MMBTU PM .01LB/MMBTU SO2 .00LB/MMBTU	B*

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WITH INDUSTRIAL OR UTILIT/ BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.3	REPORT DATE	04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
PROCESS CODE --	1.3				
PPG INDUSTRIES	TX (R)PSD-TX-290	N BOILERS, 2		NOX PM SO2	4.80LB/H .23LB/MMBTU .30LB/H .01LB/MMBTU .01LB/H .00LB/MMBTU
PROCESS CODE --	1.3				
PPG INDUSTRIES	WV 79WV06	M BOILER		NOX	.70LB/MMBTU
PROCESS CODE --	1.3				
RIO BLANCO OIL SHALE-#1 CO	2.00MBBL/D	M HEATER 2 BOILERS		NOX NOX	1.00LB/H 39.60LB/H

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.3	REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 6.61 ROCK ISLAND LIQUID FUELS* IL 81100017		20.00MMGAL/YR	N NAT. GAS FIRED BOILER	CO .43LB/H NOX 4.50LB/H SO2 .02LB/H	
PROCESS CODE -- 1.3					
SOURCE TYPE CODE -- 6.59 SHINLOCH, INC.	TX (R)PSD-TX-327	350.00MT/YR	M STEAM BOILER STEAM BOILER	NOX .12LB/MMBTU NOX .12LB/MMBTU	B*
SOURCE TYPE CODE -- 6.59 SHINTECH, INC.	TX PSD-TX-285	350.00MT/YR	M BOILER, 2	PM .30LB/H	B*
PROCESS CODE -- 1.3					
SOURCE TYPE CODE -- 1.3 SOUTHERN NAT. GAS	MS (R)PSD-MS-036	2000.00HP	M ENGINE, NAT. GAS	CO 10.50LB/H NOX 46.20T/YR	N*
PROCESS CODE -- 1.3				NOX 37.40LB/H	H*
				NOX 163.90T/YR	N*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.3	REPORT DATE	04/29/1983
COMPANY NAME	STATE & PERMIT	NEW/ MOD PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
SOURCE TYPE CODE --	6.24 TEX-USS	TX (R)PSD-TX-336 270.00MT/YR	M STEAM BOILER STEAM BOILER NOX .11LB/MMBTU NOX .11LB/MMBTU B*
PROCESS CODE --	1.4		
SOURCE TYPE CODE --	10.3 ABI TIBI CORP.	NC NC 076 M WOOD FIRED BOILER	CO 44.04LB/H NOX 192.90T/YR PM 35.23LB/H SO2 33.03LB/H N* N* N* N*
PROCESS CODE --	1.4		
SOURCE TYPE CODE --	10.1 ALABAMA KRAFT	AL PSD-AL-067 M BOILER, WOODWASTE	NOX .30LB/MMBTU PM .10LB/MMBTU SO2 .80LB/MMBTU N* N* N*
PROCESS CODE --	1.4		

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.4	REPORT DATE	04/29/1983	
COMPANY NAME	STATE & PERMIT	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
SOURCE TYPE CODE -- 1.4 CAROLINA FOREST INDUSTRI* SC (R)PSD-SC-039	170.00MBTU/H	N	BOILER, BARK/WOODWASTE	NOX 1.19LB/MMBTU PM 205.00LB/H .25LB/MMBTU B*
SOURCE TYPE CODE -- 1.4 CO-GEN	1.4 ID	N	BOILER, WOOD FIRED	PM 43.00LB/H B*
SOURCE TYPE CODE -- 1.4 CO-GEN., INC.	ID (R)PSD-X81-16	6.00MM	N BOILER	CO 5.90LB/H NOX 19.00LB/H PH 3.95LB/H B*
SOURCE TYPE CODE -- 10.6 CROWN WOOD PRODUCTS	NC 4819	M	BOILER, WOOD-FIRED	CO .22LB/MMBTU NOX 117.60T/YR .17LB/MMBTU PM 88.20T/YR .03LB/MMBTU VOC 16.60T/YR .08LB/MMBTU B*
PROCESS CODE -- 1.4				VOC 917.00T/YR B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.4	REPORT DATE	04/29/1983		
COMPANY NAME	STATE & PERMIT	NEW/ PROCESS MOD	DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- EVERGREEN FOREST PRODUCTS ID	1.4	88.00MMBTU/H	N BOILER, WOOD FIRED	CO NOX PH 17.56LB/H SEE NOTE 17.56LB/H SEE NOTE 21.22LB/H	
PROCESS CODE --	1.4				
SOURCE TYPE CODE -- 10.1	LA (R)PSD-LA-0041	M	WOOD-FIRED BOILER	CO 25.00LB/H .09LB/MMBTU NOX 26.70LB/H .10LB/MMBTU PH 24.70LB/H .01LB/MMBTU	B*
PROCESS CODE --	1.4				
SOURCE TYPE CODE -- 10.6	NC NC-061	165000.00LB/H	N WOOD WASTE BOILER & ROTARY AX PH	246.00T/YR	B*
PROCESS CODE --	1.4				
SOURCE TYPE CODE -- 10.1	GEORGIA-PACIFIC CORP. AR PSD-AR 317	M	BOILER, WOOD FIRED	CO 24.00LB/H	N*
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PROCESS CODE	1.4				

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.4							REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ PROCESS MOD	DESCRIPTION	EMISSION LIMITATIONS		& BASIS	
					NOX	.111LB/MMBTU 26.00LB/H	N*	
						.12LB/MMBTU	B*	
							B*	
<hr/>								
PROCESS CODE -- 1.4								
SOURCE TYPE CODE -- 1.4	GOLD KIST INC., GOLD KIST GA 2075-092-0088-C	95.00MMBTU/H	M	WELLON TYPE A BOILER	NOX	.70LB/MMBTU .10LB/MMBTU	N*	
SOURCE TYPE CODE -- 1.4	HUDSON LUMBER CO. CA 81-PO-17	150.00MMBTU/H	N	BOILER	CO	2.00LB/T FUEL 30.00LB/H, & H AVG	N*	
					NOX			
					PM	.04GR/DSCF		
<hr/>								
PROCESS CODE -- 1.4								
SOURCE TYPE CODE -- 10.6	INTERNATIONAL PAPER CO. AR PSD-463AR-1		M	BOILERS, WOOD WASTE, #1 & #2	CO	200.00LB/H, EA 25.00LB/H, EA		
SOURCE TYPE CODE -- 10.6	J.M. HUBER CORP.	240.00T/D	N	WOOD BOILER	PM	.12LB/MMBTU	B*	
					SO2	100.00LB/H 1000.00LB/D	B*	
					SO2	50.00T/YR	B*	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.4	REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
SOURCE TYPE CODE -- 10.4 KIRBY FOREST INDUSTRIES TX (R)PSD-TX-280		H BOILER, FBD WOOD WASTE FIRE	PM	10.70LB/H	
PROCESS CODE -- 1.4					
SOURCE TYPE CODE -- 10.6 LOUISIANA-PACIFIC CORP. ME		240.00T/D	N	NO. 1 WOOD BOILER NO. 1 WOOD FIRED DRYER NO. 2 WOOD BOILER NO. 2 WOOD FIRED DRYER	PM .15LB/MMBTU 1.84LB/T WAFFER BD .15LB/MMBTU 1.84LB/T WAFFER BD
PROCESS CODE -- 1.4					
SOURCE TYPE CODE -- 1.4 MCNEIL GENERATING STATION VT		50.00MW	N	WOOD FIRED FURNACE	PM .01LB/MMBTU .01GR/DSCF AT 12%*
SOURCE TYPE CODE -- 1.4 PANORAMA ENERCORP, INC WA (R)PSD-X81-15		37.00MW	N	BOILER	CO 107.30LB/H NOX .17LB/MMBTU PM .01GR/DSCF 12% CO2 VOC 36.50LB/H

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.4						REPORT DATE 04/29/1983
COMPANY NAME		STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 10.1	PORT ST. JOE	FL FL-075	882.00MMBTU/H	N BOILER, BARK	CO 25.20LB/H NO2 264.00LB/H PM 88.21LB/H SO2 705.70LB/H	N*
PROCESS CODE --						
SOURCE TYPE CODE -- 11.0	PROCTOR & GAMBLE	NY	360.00MMBTU/H	N BOILER	CO .22LB/MMBTU PM .10LB/MMBTU .05GR/DSCF	B*
PROCESS CODE --						
SOURCE TYPE CODE -- 10.1	ST REGIS PAPER CO.	FL PSD-FL-041		H BARK FIRED BOILER	PM .10LB/MMBTU SO2 .64LB/MMBTU	N*
PROCESS CODE --						
SOURCE TYPE CODE -- 1.4	ULTRASYSTEMS INC.	CA 82-PO-32	145.00MMBTU/H	N BOILER	CO 126.00T/YR NOX 139.00T/YR	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.4	REPORT DATE	04/29/1983		
COMPANY NAME	STATE & PERMIT	NEW/ MOD SIZE	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 1.4 WATSON ENERGY SYS, INC.	CA (R)LA 77-02	1440.00T/D WOOD *	N STEAM GEN. UNITS, 4, WASTE/F*	NOX PM 83.00LB/H SOX 4.00LB/H VOC 64.00LB/H	L*
SOURCE TYPE CODE -- 1.4 WESTERN KRAFT	KY KY-146	450.00MMBTU/H	N BOILER, WOODWASTE	NOX .40LB/MMBTU PM .04LB/MMBTU SO2 .32LB/MMBTU	B*
PROCESS CODE -- 1.4					
SOURCE TYPE CODE -- 10.1 WESTVACO CORP. - FIVE PAX KY C-77-123		600.00ADT	H BOILER, BARK	NOX .30LB/MMBTU LIQ. * N* PM .70LB/MMBTU SOLID* N* SO2 .10LB/MMBTU B* 46.30LB/H B*	
SOURCE TYPE CODE -- 10.1 WILLIAMETTE INDUSTRIES, * KY C-80-24		1200000.00T/YR	H WOOD WASTE BOILER	NOX 1.20LB/MMBTU SEE N* B* PM .70LB/MMBTU NOTE#1 B* SO2 .04LB/MMBTU B* .32LB/MMBTU B*	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5						REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS & BASIS		
SOURCE TYPE CODE -- 1.5 AMES MUNICIPAL POWER PLAT IA		65.00MM	H BOILER, UNIT #8, STEAM GEN.	NOX .70LB/MMBTU PM .10LB/MMBTU SO2 1.20LB/MMBTU	B*	
PROCESS CODE -- 1.5						
SOURCE TYPE CODE -- 5.2 ASHLAND OIL, INC.	KY C-82-127	55000.00BBL/D	H BOILER, PACKAGED, OIL/GAS	PM 17.00T/YR SO2 345.00T/YR		
PROCESS CODE -- 1.5						
SOURCE TYPE CODE -- 10.2 BEAR ISLAND PAPER CO.	VA 50840		H BOILER, WOOD/COAL FUEL	NOX 1210.00T/YR PM 1210.00T/YR SO2 205.00T/YR N/A 174.00T/YR N/A 1638.00T/YR N/A 2092.00T/YR	FUEL FUEL FUEL FUEL FUEL FUEL	
PROCESS CODE -- 1.5						
SOURCE TYPE CODE -- 10.6						

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5							REPORT DATE 04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS				
BURLINGTON IND.	NC NC-036		N	BOILER	PM	.60LB/H	BO*		
<hr/>									
PROCESS CODE --	1.5								
<hr/>									
SOURCE TYPE CODE --	1.5	OH EPA-5-A-80-3	90.00M	N BOILER, REFUSE/COAL FIRED, 6* NOX	PM	.50LB/MMBTU	COAL*		
CITY OF COLUMBUS	.				SO2	.70LB/MMBTU			
						.10LB/MMBTU			
						.93LB/MMBTU	6 BOI*		
						1.44LB/MMBTU,<4 BO*			
<hr/>									
PROCESS CODE --	1.5								
<hr/>									
SOURCE TYPE CODE --	10.1	M CONTAINER CORP. OF AM	FL FL-062	M BOILER, COAL/WOOD WASTE	PM	472.00T/YR	N*		
CONTAINER CORP. OF AM					SO2	5363.00T/YR	N*		
SOURCE TYPE CODE --	10.1	AL PSD-AL-061		M BOILER, COAL/WOOD FIRED	NOX	350.00LB/H	100% COAL		
CONTAINER CORP. OF AM					PM	426.00LB/H	100% WOOD		
						51.15LB/H	100% COAL		
						60.80LB/H	100% WOOD		
						613.25LB/H	N*		
						60.80LB/H	100% WOOD		

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5							REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS	
SOURCE TYPE CODE -- 6.62 E.I. DUPONT DE NEMOURS TX (R)PSD-TX-335		N BOILER		NOX .30LB/MMBTU OIL PM .60LB/MMBTU COAL SO2 .05LB/MMBTU OIL .08LB/MMBTU COAL .79LB/MMBTU OIL 1.69LB/MMBTU COAL			
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 10.1 FEDERAL PAPERBOARD CO. NC NC-081		1095.00MMBTU/H	N BOILER	PM .04GR/CF SO2 979.00T/H	B* B*		
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 1.5 FERRO CHEMICAL DIV OF FE* OH 13-956		N BOILER		PM .17LB/H .05LB/MMBTU			
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 10.2 FLAMBEAU PAPER CORP. WI MAA-10-CWB-81-* 150000.00LB/H		N 80/20 WOOD/COAL BOILER		NOX .70LB/MMBTU	B*		

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.5	REPORT DATE	04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS & BASIS
PROCESS CODE -- 1.5				
SOURCE TYPE CODE -- 1.5	FL FL-047	3600.00MMBTU/H	H COAL PULVERIZERS	PM .08LB/MMBTU WOOD/* B* SO2 .10LB/MMBTU COAL B* VOC 1.20LB/MMBTU L*
PROCESS CODE -- 1.5				
SOURCE TYPE CODE -- 10.2	FORT HOWARD PAPER CO.	0K (R)PSD-OK-404	H BOILER	CO .06LB/MMBTU COAL B* CO .03LB/MMBTU OIL B* NOX .02LB/MMBTU GAS B* NOX .70LB/MMBTU COAL B* PM .30LB/MMBTU OIL B* PM .20LB/MMBTU GAS B* PM .10LB/MMBTU COAL B* PM .07LB/MMBTU OIL B* PM .01LB/MMBTU GAS B* SO2 1.20LB/MMBTU COAL B* SO2 .73LB/MMBTU OIL B* SO2 .00LB/MMBTU GAS B* VOC .02LB/MMBTU GAS B* VOC .01LB/MMBTU OIL B* VOC .00LB/MMBTU GAS

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.5	COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
PROCESS CODE --	1.5	GILMAN PAPER CO.	1.5 GA GA-071	691.00MMBTU/H	H	BOILER, COAL/WOODWASTE	PM1 SO2	.10LB/MMBTU 1.20LB/MMBTU
PROCESS CODE --	1.5	GULF OIL CHEMICALS	TX (R)PSD-TX-299	190.00MMBTU/YR	N	BOILERS, 4 EA	NOX PM SO2	.30LB/MMBTU OIL .12LB/MMBTU GAS .02LB/MMBTU OIL .01LB/MMBTU GAS .75LB/MMBTU OIL
PROCESS CODE --	1.5	GULF STATES UTILITY	LA (R)PSD-LA-305	4457.00MMBTU/H	H	BOILER	CO NOX PM	.01LB/MMBTU COAL *
								.03LB/MMBTU OIL .19LB/MMBTU COAL *
								.30LB/MMBTU OIL .03LB/MMBTU COAL *

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.5	REPORT DATE	04/29/1983	
COMPANY NAME	STATE & PERMIT	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
	SOURCE SIZE			
COAL DELIVERY		SO2	.01LB/MMBTU OIL	B*
COAL GASIFIER		PM	.62LB/MMBTU COAL *	B*
COAL GASIFIER		CO	.66LB/MMBTU OIL	B*
COAL GASIFIER		CO	.08LB/H	B*
COAL GASIFIER		NOX	.69LB/T	B*
COAL GASIFIER		NOX	.01LB/T	B*
COAL GASIFIER		NOX	.03LB/T	B*
COAL GASIFIER		NOX	.01LB/T	B*
COAL GASIFIER		PM	.03LB/T	B*
COAL GASIFIER		PM	.01LB/T	B*
COAL GASIFIER		SO2	.10LB/T	B*
COAL GASIFIER		SO2	.10LB/T	B*
COAL GASIFIER		SO2	.19LB/T	B*
CRUSHING/SCREENING		PM	.14LB/H	B*
PULVERIZING		PM	.08LB/H	B*
TURBINE		CO	.13LB/MMBTU OIL	B*
TURBINE		CO	.09LB/MMBTU GAS	B*
TURBINE		NOX	.09LB/MMBTU	B*
TURBINE		NOX	.27LB/MMBTU OIL	N*
TURBINE		PM	.27LB/MMBTU GAS	N*
TURBINE		PM	.25LB/MMBTU	N*
TURBINE		PM	.21LB/MMBTU OIL	B*
TURBINE		PM	.00LB/MMBTU GAS	B*
TURBINE		SO2	.00LB/MMBTU OIL	B*
TURBINE		SO2	.00LB/MMBTU GAS	B*
TURBINE		SO2	.21LB/MMBTU	B*

PROCESS CODE -- 1.5

SOURCE TYPE CODE -- 6.62	LA (R)PSD-LA-108	N BOILER, GAS/OIL	CO	.04 LB/MMBTU
HCC CHEMICAL CO.		NOX	NOX	.30 LB/MMBTU

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

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REPORT DATE 04/27/1983

PROCESS CODE	COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
1.5						PM .02LB/MMBTU	B*

PROCESSED CODE 1 E

SOURCE	TYPE	CODE --	1.5	NY	NONE	2360.00T/D	N	RDF/COAL FIRED BOILERS	NOX	.70LB/MMBTU COAL
HOOKER ENERGY CORP.							PM	.30LB/MMBTU OIL	PM	.10LB/MMBTU COAL
							PM	.07LB/MMBTU OIL	PM	.07LB/MMBTU OIL
							SO2	.03GR/DSCF REFUSE	VE	20.00% OPACITY COAL
								1.20LB/MMBTU COAL	VE	20.00% OPACITY OIL
								.80LB/MMBTU OIL	VE	20.00% OPACITY REFUS

REFERENCES

SOURCE TYPE CODE -- 7.12 TX 8710
 HTC INDUSTRIES
 N GAS/OIL FIRED BOILERS, 2
 CO 3.30LB/H
 NOX .30LB/H
 PM .75LB/H
 SO2 5.40LB/H

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.5	REPORT DATE	04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS & BASIS
SOURCE TYPE CODE -- 10.1 INTERNATIONAL PAPER CO.	LA (R)PSD-LA-295	M BOILER	CO NOX	.15LB/MMBTU .69LB/MMBTU COAL B*
SOURCE TYPE CODE -- 10.1 INTERSTATE PAPER CORP.	GA 2631-089-8091	346.0MMBTU/H M BOILER	NOX PM SO2	.20LB/MMBTU GAS .30LB/MMBTU OIL B*
PROCESS CODE -- 1.5				
SOURCE TYPE CODE -- 9.3 JOHN MANSVILLE SALES CORP TX PSD-TX-263		BOILER, 2	PM	.06LB/H
PROCESS CODE -- 1.5				
SOURCE TYPE CODE -- 10.1 LEAP RIVER FOREST	MS MS 035	650.00T/D N BOILER, BARK & COAL FIRED	NOX PM SO2	.70LB/MMBTU .10LB/MMBTU .63LB/MMBTU B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5							REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ PROCESS MOD DESCRIPTION	EMISSION LIMITATIONS			& BASIS
SOURCE TYPE CODE -- 10.2	MACHILLIAN BLOEDAL AL AL-063	N POWER BOILER	CO NOX PM SO2	114.00LB/H .70LB/MMBTU .10LB/MMBTU 1.20LB/MMBTU	N*	N*	N*
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 1.5	PHILIP MORRIS VA 80VA06	N BOILER, COAL/OIL FIRED	NO2 PM SO2 VE	.70LB/MMBTU .10LB/MMBTU 2.10LB/MMBTU 2.51LB/MMBTU	COAL OIL	B*	B*
SOURCE TYPE CODE -- 1.5	POWER AUTHORITY STATE OF* NY	700.00MM	N AUX. BOILER	NOX PM SO2 VE	.30LB/MMBTU .08LB/MMBTU .30% S FUEL .04LB/MMBTU .30LB/MMBTU .021LB/MMBTU	COAL OIL COAL COAL	B* B* B*
	BOILER						

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5		REPORT DATE 04/29/1983				
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS	
SCOTT PAPER	AL AL 068	45.80T/H ADP	M	WOODWASTE/COAL COMBUSTION (5*) NOX PM SO2	.70LB/MMBTU .10LB/MMBTU 1014.00LB/H	
ST REGIS PAPER CO.	FL FL 066		M	BARK-COAL BOILER, UNIT #3 BARK-COAL BOILER, UNIT #4	SO2 S02	1.20LB/MMBTU 327.00LB/H 1.20LB/MMBTU
<hr/>						
PROCESS CODE --	1.5					
SOURCE TYPE CODE -- STONE CONTAINER CORP.	1.5 OH EPA-5-A-81-3	N	BOILER, WOOD/GAS	CO NOX PM SO2 VOC	.20LB/MMBTU .38LB/MMBTU .06LB/MMBTU .02LB/MMBTU .02LB/MMBTU	
SOURCE TYPE CODE -- THE CHESAPEAKE CORP.	1.5 VA 80VA03	659.00MMBTU/H	M	BOILER, WOODWASTE	CO NOX PM SO2 VOC	.23LB/MMBTU .30LB/MMBTU .10LB/MMBTU .80LB/MMBTU .23LB/MMBTU
SOURCE TYPE CODE -- UNION CAMP CORP.	1.5 GA (R)PSD-GA-062	1055.00MMBTU/H	M	BOILER, COAL/WOOD WASTE	NOX PM SO2	.70LB/MMBTU .08LB/MMBTU 1.20LB/MMBTU

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.5	REPORT DATE 04/29/1983					
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 10.1 UNION CAMP CORP.	SC (R)P/C-40-128	2250.00T/D	N	BOILERS, COAL/WOODWASTE BOILERS, COAL/WOODWASTE	CO CO NOX NOX NOX PM PM PM PM SO2 SO2 VE VE VE	.11LB/MMBTU .11LB/MMBTU .11LB/MMBTU .70LB/MMBTU .70LB/MMBTU .70LB/MMBTU .10LB/MMBTU .10LB/MMBTU .10LB/MMBTU .10LB/MMBTU .10LB/MMBTU 1.20LB/MMBTU 1.20LB/MMBTU 20.00% OPACITY 20.00% OPACITY 20.00% OPACITY	
SOURCE TYPE CODE -- 10.1 UNION CAMP CORP.	AL 201-0001-X008,*	2300.00ADTP/D	N	GENERATOR, FOSSIL FUEL STEAM	NOX PM SO2	.70LB/MMBTU .10LB/MMBTU 1.20LB/MMBTU	
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 12.0 UNIV. OF MICH., CEN HEAT* MI 531-78			N	BOILERS, GAS/OIL-FIRED	NOX NDX SO2	.30LB/MMBTU OIL .20LB/MMBTU GAS .52LB/MMBTU	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.5	REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
SOURCE TYPE CODE -- 6.27	AMERICAN HOECHST TX 5252	900.00MMBLB/YR	N	BOILERS, 4 & HEATERS, 6	NOX 569.00T/YR .18LB/MMBTU PM 15.00T/YR SO2 1.10T/YR
PROCESS CODE -- 1.6					
SOURCE TYPE CODE -- 7.4	ANHEUSER-BUSCH, INC. CA (R)LA-78-18	M	STEAM BOILERS, 2 EA	NOX .27LB/MMBTU .47LB/MMBTU SO2 .21X S FUEL OIL	L* L* B*
PROCESS CODE -- 1.6					
SOURCE TYPE CODE -- 1.6	ATLANTIC SUGAR ASSOC. FL (R)AC50-42389	195.00MMBTU/H	N	BOILER, BAGASSE BOILER, BAGASSE	PM .15LB/MMBTU INPUT .15LB/MMBTU INPUT VOC 2.00LB/T BAGASSE F*
PROCESS CODE -- 1.6					
SOURCE TYPE CODE -- 10.2					

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6							REPORT DATE 04/29/1983
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	PROCESS	EMISSION LIMITATIONS	& BASIS	
AUGUSTA NEWSPRINT CO.	GA 2621-121-8497	400.00MBTU/H	N BOILER		NOX .30LB/MMBTU PM .20LB/MMBTU SO2 .10LB/MMBTU	BARK/* N*	
						N*	
						.80LB/MMBTU	
						.298.00LB/H	
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 1.1							
CAJUN ELECT. POWER COOP.	LA (R)PSD-LA-106	6507.00MBTU/H	N BOILER, LIGNITE FIRED	CO .09LB/MMBTU NOX .60LB/MMBTU PM .03LB/MMBTU SO2 1.08LB/MMBTU			
						N*	
PROCESS CODE -- 1.e							
SOURCE TYPE CODE -- 7.12							
CAMPBELL SOUP CO.	OH 0335010105		N 3 FLUIDIZED BED BOILERS	PM .10LB/MMBTU SO2 1.60LB/MMBTU			
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 1.6							

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.6	REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS	& BASIS
CENTRAL SOYA	OH 03-779	51.20MBTU/H	N FLUIDIZED BED BOILER	PM TRS .04GR/DSCF 5.00PPM BY VOL	.02LB/MMBTU
PROCESS CODE --	1.6				
SOURCE TYPE CODE -- 10.1	CHAMPION INTERNAT. CORP. MI 33-80	N REC. BOILER, BLACK LIQUOR FUEL	PM TRS .04GR/DSCF 5.00PPM BY VOL		
PROCESS CODE --	1.6				
SOURCE TYPE CODE -- 5.5	CHANPLIN PETROLEUM CO. TX TX-337	M BOILERS, 3 (FUEL GAS ONLY)	NOX SO2 5.60LB/H .12LB/MMBTU	5.60LB/H 1.20LB/H .03LB/MMBTU	B* B* N*
SOURCE TYPE CODE -- 5.5	CITIES SERVICE CO. LA	M POWER HOUSE BOILER, B-A3-3C	NOX VOC 60.50LB/H .35LB/MMBTU	60.50LB/H 90LB/H .01LB/MMBTU	B* B* B*
SOURCE TYPE CODE -- 5.5	COASTAL STATES PETROLEUM TX TX-243	M POWER HOUSE BOILER, B-3, B-3B	NOX VOC 60.50LB/H .01LB/MMBTU	60.50LB/H 90LB/H .01LB/MMBTU	B* B* B*
		M BOILER, UTILITY	CO 1.60LB/H		B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6		REPORT DATE 04/29/1983					
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD PROCESS DESCRIPTION	EMISSION LIMITATIONS			& BASIS
			BOILER, UTILITY	CO	.02LB/MMBTU	B*	
			BOILER, UTILITY	NOX	1.60LB/H	B*	
			BOILER, UTILITY	PM	.02LB/MMBTU	B*	
			BOILER, UTILITY	SO2	10.60LB/H	B*	
			BOILER, UTILITY		.12LB/MMBTU	B*	
			BOILER, UTILITY		10.60LB/H	B*	
			BOILER, UTILITY		.12LB/MMBTU	B*	
SOURCE TYPE CODE -- 5.5	DIAMOND SHAMROCK CORP. TX TX-346	60000.00BBBL/D	M PROCESS BOILER, 2	CO	6.81LB/H	B*	
				NOX	130.00LB/H	B*	
				PM	10.06LB/H	B*	
				SO2	103.87LB/H	B*	
<hr/>							
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 2.1	ENERGY ANSWERS CORP. MA 025-120MA14	1800.00T/D RDF	N BOILER,WATER-COOLED, 3 EA.	NOX	.50LB/MMBTU	B*	
				PM	.05GR/DSCF 12% CO2	B*	
				SO2	.30% S OIL	B*	
					.23LB/MMBTU	B*	
<hr/>							
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 6.59	FORMOSA PLASTICS TX (R)PSD-TX-226	957.00HT/YR	M BOILERS, 5 EA	NOX	.11LB/MMBTU	B*	
				VOC	.00LB/MMBTU	B*	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.6	REPORT DATE	04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS & BASIS
PROCESS CODE --	1.6			
SOURCE TYPE CODE --	5.5	TX (R)PSD-TX-387	30000.00BPSD	H BOILER
FRIENDWOOD REFIN.				CO .01LB/MMBTU NOX B* PM .10LB/MMBTU SO2 .00LB/MMBTU N*
PROCESS CODE --	1.6			
SOURCE TYPE CODE --	5.6	CO	21.00HBBL/D	H BOILER #4
GARY WESTERN REFIN.				NOX 6.41LB/H
PROCESS CODE --	1.6			
SOURCE TYPE CODE --	6.62	LA (R)PSD-LA-108		N BOILER, WASTE GAS
HCC CHEMICAL CO.				NOX .20LB/MMBTU PM .01LB/MMBTU
PROCESS CODE --	1.6			

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.6	REPORT DATE	04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
SOURCE TYPE CODE -- 1.6 HOUSTON LIGHTING & POWER TX (R)PSD-TX-371		1500.00MW	N BOILER, LIGNITE-FIRED, 2 EA	BE .00LB/MMBTU CO .11LB/MMBTU HG .00LB/MMBTU H2* .03LB/MMBTU NOX .60LB/MMBTU PB .00LB/MMBTU PM .03LB/MMBTU VOC .00LB/MMBTU
			FEED SILO, WASTE BLENDING	B*
			FLYASH SILO	.12LB/H
			LIMESTONE FEED SILO, 3 EA	.12LB/H
			LIMESTONE LOADOUT	.01LB/H
			LIMESTONE RAILCAR UNLOAD	.02LB/H
			LIMESTONE RECLAM TUNNEL	1.33LB/H
			LIMESTONE RECLAM & TRANSFER	.02LB/H
			LIMESTONE STORAGE PILE	.05LB/H
			PUGMILL, WASTE BLENDING	.37LB/H
				.21LB/H
PROCESS CODE -- 1.6				
SOURCE TYPE CODE -- 10.1 INTERNATIONAL PAPER CO. AR 78-AR-1		683.40MMBTU/H	H STEAM BOILER	CO 70.00LB/H NOX 480.00LB/H PM .10LB/MMBTU SO2 820.00LB/H

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.6	REPORT DATE 04/29/1983					
COMPANY NAME	STATE & PERMIT	SOURCE	SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE --	5.5 TX PSD-TX-364	30000.00BPSD	N BOILERS, 2		CO .02LB/MMBTU NOX .12LB/MMBTU PM .01LB/MMBTU SO2 .03LB/MMBTU	B*	B*
LONGVIEW REFIN.							
PROCESS CODE --	1.6						
SOURCE TYPE CODE --	1.6 METROPOLITAN SERVICE DIS* OR 03-2667	2010.00T/D	N BOILERS, 3		CO 1.43LB/T FL* .02LB/T HCL .67LB/T	B*	B*
					HG .001B/T NOX 3.58LB/T PB .01LB/T	B*	B*
					PM .02GR/DSCF SO2 .57LB/T TE* .001B/T	L*	B*
					VOC .12LB/T	B*	
PROCESS CODE --	1.6						
SOURCE TYPE CODE --	5.6 MITCHELL ENERGY	10.00MBPSD	N BOILER		VOC .001LB/MMBTU	B*	
(R)	TX (R)PSD-TX-139						

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE -- 1.6							REPORT DATE 04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS			& BASIS	
NEDERLAND PROCESSING CO. TX TX-262	35.00MBPSD	N BOILER	CO	6.20LB/H OIL .04LB/MMBTU OIL	B*				
			CO	.04LB/MMBTU OIL 2.60LB/H GAS	B*				
			NOX	.02LB/MMBTU GAS 51.00LB/H OIL	B*				
			NOX	.30LB/MMBTU OIL 20.40LB/H GAS	B*				
			PM	.12LB/MMBTU GAS 8.90LB/H OIL	B*				
			PM	.05LB/MMBTU OIL 2.30LB/H GAS	B*				
			SO2	.01LB/MMBTU GAS 79.30LB/H OIL	B*				
			SO2	.47LB/MMBTU OIL 4.20LB/H GAS	B*				
			VOC	.03LB/MMBTU GAS 1.20LB/H OIL	B*				
			VOC	.01LB/MMBTU OIL .50LB/H GAS	B*				
				.01LB/MMBTU GAS	B*				
PROCESS CODE -- 1.6									
SOURCE TYPE CODE -- 2.1 NESWC RESOURCE RECOVERY * MA 029-121MA16	62.50T/H WASTE	N AUXILIARY BOILER, 1	CO	.04LB/MMBTU	B*				
			NOX	.16LB/MMBTU	B*				
			PM	.10LB/MMBTU	B*				
			SOX	.02LB/MMBTU	B*				
			SO2	.34LB/MMBTU	B*				
			CO	.07LB/MMBTU	B*				
			NOX	.32LB/MMBTU	B*				

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.6	REPORT DATE	04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS & BASIS
PROCESS CODE --	1.6			
SOURCE TYPE CODE --	1.6			
OCCIDENTAL GEOTHERMAL - *	CA NSR~4-4-1 NC-8*	80.00MW	N POWER PLANT	H2S 0.00LB/H
SOURCE TYPE CODE --	1.6	268.00MMBTU/H	N BOILER, BAGASSE	PM .15LB/MMBTU INPUT B*
OSCEOLA FARMS CO.	FL FL-0012			
PROCESS CODE --	1.6			
SOURCE TYPE CODE --	5.14			
OXY-LOGAN WASH MODIF.1980 CO		1.00MBBL/D	M BOILER, ETC	CO 2.00LB/H NOX 52.00LB/H PM 7.00LB/H SO2 31.00LB/H VOC 3.00LB/H
PROCESS CODE --	1.6			
SOURCE TYPE CODE --	1.6			

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PROCESS CODE		1.6		REPORT DATE 04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
PACIFIC GAS & ELECTRIC C* CA (R)NSR-4-4-3 *		N POWER PLANT	H2S	10.40LB/H	B*
PROCESS CODE -- 1.6					
SOURCE TYPE CODE -- 6.61 PEAT METHANOL ASSOCIATES NC 4930		N PEAT BOILER	PM	9.70LB/H .03LB/MMBTU	
			SO2	153.00LB/H .51LB/MMBTU	
PROCESS CODE -- 1.6					
SOURCE TYPE CODE -- 5.5 PETRACO VALLEY OIL & REF* TX TX-236		N BOILER	CO	2.30LB/H .01LB/MMBTU	B*
			NOX	31.70LB/H .12LB/MMBTU	B*
			PM	1.90LB/H .01LB/MMBTU	B*
			SO2	3.40LB/H .01LB/MMBTU	N*
			VOC	.40LB/H .00LB/MMBTU	N*
					B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.6	REPORT DATE	04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE --	5.12				
PHILADELPHIA GAS WORKS	PA 78PA03		M BOILERS	NOX PM SO2	74.00LB/H 5.40LB/H 75.00LB/H
PROCESS CODE --	1.6				
SOURCE TYPE CODE --	5.5				
PROCESS REFIN. CO.	CA SJ-78-27	10000.00BBL/D	M BOILER, 2 EA	NOX	.27LB/1MBTU
PROCESS CODE --	1.6				
SOURCE TYPE CODE --	2.1				
RESOURCES AUTHORITY	TN	75.00T/D 2 EA	N BOILERS, 2 MUNICIPAL REFUSE * PM	.04GR/SCF	N*
PROCESS CODE --	1.6				
SOURCE TYPE CODE --	5.5				
SIGNORE REFIN. CO.	TX (R)PSD-TX-331	67.00MBPSD	M BOILERS	CO NOX PM SO2	9.68LB/H 113.04LB/H 11.36LB/H 132.72LB/H

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.6	REPORT DATE 04/29/1983			
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
SOURCE TYPE CODE -- 6.62	PA 79PA15	600.00MET. T/YR	N	2 BOILERS, EA	SO2 .20% BY WT #2 OIL 1.68MIGALS/YR OIL B*
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PROCESS CODE --	1.6				
SOURCE TYPE CODE -- 10.1	ME AEL-13-47	814.00MBTU/H	H	BOILER, BIOMASS FUEL	PM .08LB/MMBTU SO2 1.20LB/MMBTU N*
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PROCESS CODE --	1.6				
SOURCE TYPE CODE -- 1.6	SUGAR CANE GROWERS COOP. FL (R)PSD-FL-077	240000.00LB/H	N	BOILER, BAGASSE/RESIDUE, #6 * CO	140.00LB/H 326.00T/YR B*
				NDX	123.00LB/H B*
				PM	.15LB/MMBTU B*
				SO2	75.60LB/H B*
				VOC	14.00T/D B*
					325.00T/YR B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.6	REPORT DATE	04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE --	5.5 LA PSD-LA-199	M BOILERS, 13	CO	.02LB/MMBTU GAS .03LB/MMBTU OIL	B*
PROCESS CODE --	1.6				
SOURCE TYPE CODE --	9.14 CA NCC-78-04	M STEAM GEN., 3 EA	SO2	.58LB/MMBTU 2.00% S FUEL OIL	B*
PROCESS CODE --	1.6				
SOURCE TYPE CODE --	6.24 TX TX-332	M BOILERS, 2	CO	4.60LB/H TAR 3.20LB/H N. GAS 42.00LB/H TAR	B*
TEXAS EASTMAN CO.			NOX	22.80LB/H N. GAS	B*
			PM	14.00LB/H TAR 1.00LB/H N. GAS	B*
			SO2	12.00LB/H TAR 1.00LB/H N. GAS	B*
PROCESS CODE --	1.6				

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PROCESS CODE	1.6	REPORT DATE 04/29/1983					
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 1.6 TEXAS UTILITIES GEN CO.	TX PSD-TX-32	1500.00H	N	LIGNITE FIRED STEAM	PM SO2	.10LB/MMBTU 1.20LB/MMBTU	
SOURCE TYPE CODE -- 1.6 TEXAS UTILITIES SERVICE,* TX PSD-TX-44		792.00HMMBTU/H	N	LIGNITE FIRED STEAM ELECT.	PM SO2	.10LB/MMBTU 1.20LB/MMBTU	
SOURCE TYPE CODE -- 1.6 TEXAS UTILITIES SERVICE,* TX PSD-TX-47		1500.00H	N	LIGNITE FIRED STEAM	PM SO2	.10LB/MMBTU 1.20LB/MMBTU	
PROCESS CODE -- 1.4							
SOURCE TYPE CODE -- 5.5 UNI OIL	TX (R)PSD-TX-229	10000.00BBL/D	M	BOILER, PACKAGE	CO NOX	.71LB/H 7.94LB/H	E*
					PM	.06LB/MMBTU 1.59LB/H	B*
					SO2	.02LB/MMBTU .79LB/H	E*
					VOC	.01LB/MMBTU .06LB/H	N*
						.001LB/MMBTU	E*

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE COMPLETE LISTING IN APPENDIX.
(R) INDICATES EPA REGION FILE NUMBER IN LIEU OF STATE/LOCAL PERMIT NUMBER.
FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX.

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.6	REPORT DATE	04/29/1983	
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS & BASIS
SOURCE TYPE CODE --	6.62	GA 6A 069	H BOILERS	SO2 418.00T/YR
PROCESS CODE --	1.6			
SOURCE TYPE CODE --	5.6	200.00MBPSD	N BOILERS, FOSSIL FIRED, 3	CO 14.00T/YR NOX .20LB/MMBTU GAS B*
VIRGIN ISLANDS REFINERY *	VI NONE		PM .30LB/MMBTU OIL B*	
			SO2 .35LB/MMBTU B*	20.00PPM H2S GAS B*
			VOC .33% S BY WT., OIL B*	.33% S BY WT., OIL B*
PROCESS CODE --	1.6			
SOURCE TYPE CODE --	10.1	1500.00T/D ADP	N #10 RECOVERY BOILER	NOX .25LB/MMBTU PM .03GR/DSCF B*
WESTVACO CORP.	SC SC-037		SO2 250.00PPM TRS .02LB/T BLS N*	
SOURCE TYPE CODE --	10.1	186000.00T/YR	N POWER BOILER, COMBUSTION FUEL NOX	.70LB/MMBTU COAL .30LB/MMBTU OIL N*
WEYERHAEUSER CO.	MS PSD-MS-027		PM .10LB/MMBTU N*	.10LB/MMBTU COAL N*
			SO2 1.20LB/MMBTU N*	.80LB/MMBTU OIL N*

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE COMPLETE LISTING IN APPENDIX.
(R) INDICATES EPA REGION FILE NUMBER IN LIEU OF STATE/LOCAL PERMIT NUMBER.
FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX.

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.6	REPORT DATE	04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS	& BASIS
<hr/>					
PROCESS CODE --	1.6				
SOURCE TYPE CODE --	5.14	N	BOILER & POWER PLANTS (3 STK)	NOX	.20LB/MMBTU
WHITE RIVER SHALE OIL CO* UT MAJ 053082-11		106000.00BPSD		PM	487.50LB/H
				SO2	.03LB/MMBTU
					73.20LB/H
					.07LB/MMBTU
					166.90LB/H

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE COMPLETE LISTING IN APPENDIX.
 (R) INDICATES EPA REGION FILE NUMBER IN LIEU OF STATE/LOCAL PERMIT NUMBER.
 FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX.

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE	1.6	REPORT DATE	04/29/1983		
COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD DESCRIPTION	EMISSION LIMITATIONS	& BASIS

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE COMPLETE LISTING IN APPENDIX.
 (R) INDICATES EPA REGION FILE NUMBER IN LIEU OF STATE/LOCAL PERMIT NUMBER.
 FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX.

APPENDIX D
DETAILED LISTING OF SOURCE TYPE CODES

<u>SOURCE TYPE</u>	<u>CODE</u>
1. External Combustion	1.0
Coal combustion	1.1
Oil combustion	1.2
Natural gas combustion	1.3
Wood waste combustion	1.4
Multiple fuels	1.5
Other	1.6
2. Solid Waste Disposal	2.0
Refuse incineration	2.1
Sewage sludge incineration	2.2
Other	2.3
3. Internal Combustion	3.0
Natural gas turbines	3.1
Natural gas compressors	3.2
Other	3.3
4. Organic Evaporation Loss	4.0
Surface coating of cans and coils	4.1
Surface coating of paper and fabrics	4.2
Surface coating of automobiles and light duty trucks	4.3
Surface coating of metal furniture	4.4
Surface coating of magnet wire	4.5
Surface coating of large appliances	4.6
Surface coating of miscellaneous metal parts and products	4.7
Surface coating of flatwood paneling	4.8
Solvent degreasing	4.9
Waste solvent reclamation	4.11
Graphic arts	4.12
Dry cleaning	4.13
Other	4.14
5. Petroleum Refining, Oil and Gas Production and Related Industries	5.0
Petroleum refining - separation processes (distillation & light ends recovery)	5.1
Petroleum refining - conversion processes (cracking, reforming, alkylation, polymerization, isomerization, and coking)	5.2
Petroleum refining - treating processes (hydrodesulfurization, hydrotreating, chemical sweetening, acid gas removal, and deasphalting)	5.3

<u>SOURCE TYPE</u>	<u>CODE</u>
Petroleum refining - feedstock (storage, blending, loading, and unloading)	5.4
Petroleum refining - auxiliary (boilers, wastewater treatment, hydrogen production, sulfur recovery, cooling towers, blow-down system, compressor engines, heaters, and incinerators)	5.5
Petroleum refining -entire operation	5.6
Bulk terminals	5.7
Bulk plants	5.8
Storage of petroleum liquids	5.9
Transportation and marketing of petroleum products	5.11
Natural gas/gasoline processing plants	5.12
Asphalt and associated products manufacturing and processing	5.13
Crude petroleum and natural gas production including oil shale	5.14
Oil and gas field services	5.15
Other	5.16
6. Chemical Process Industry	6.0
Acrylonitrile	6.1
Acetic acid	6.2
Acrylic acid	6.3
Acetic anhydride	6.4
Acrolein	6.5
Acetaldehyde	6.6
Adipic acid	6.7
Aniline	6.8
Alkylbenzene	6.9
Butadiene	6.11
Carbon black	6.12
Charcoal	6.13
Chloroalkali	6.14
Chlorobenzene	6.15
Chloromethane	6.16
Chloroprene	6.17
Caprolactam	6.18
Cyclohexanol, cyclohexane	6.19
Cumene	6.21
Dimethyl terephthalate	6.22
Ethylene dichloride	6.23
Ethylene and polyethylene	6.24
Ethylene oxide	6.25
Ethylene glycols	6.26
Ethylbenzene/styrene	6.27
Ethyl acetate	6.28
Epichlorohydrin	6.29
Fluorocarbons	6.31
Formaldehyde	6.32
Glycol ethers	6.33
Hydrochloric acid	6.34
Hydrofluoric acid	6.35

<u>SOURCE TYPE</u>	<u>CODE</u>
Maleic anhydride	6.36
Methanol	6.37
Methyl ethyl ketone	6.38
Nitric acid	6.39
Nitrobenzene	6.41
Paint and varnish	6.42
Pharmaceutical	6.43
Phosphoric acid	6.44
Phthalic anhydride	6.45
Propylene oxide	6.46
Phenol/acetone	6.47
Soap and detergents	6.48
Sodium carbonate	6.49
Sulfuric acid	6.51
Sulfur recovery	6.52
Synfuels and fuel conversion other than oil shale	6.53
Synthetic fibers	6.54
Synthetic rubber/rubber tires	6.55
Toluene diisocyanate	6.56
Trichloroethane	6.57
Terphthalic acid	6.58
Vinyl chloride and polyvinyl chloride	6.59
Alcohol fuel production	6.61
Other	6.62
7. Food and Agricultural	7.0
Alfalfa dehydrating	7.1
Roasting	7.2
Feed and grain mills and elevators	7.3
Fermentation and alcoholic beverages	7.4
Fish processing	7.5
Fertilizer plants	7.6
Starch manufacturing	7.7
Sugar cane processing	7.8
Fats and vegetable oils	7.9
Fruit and vegetable processing	7.11
Other	7.12
8. Metallurgical	8.0
Primary aluminum production	8.1
Coke production	8.2
Primary copper smelting	8.3
Ferroalloy production	8.4
Iron and steel production	8.5
Primary lead smelting	8.6
Zinc smelting	8.7
Secondary aluminum	8.8
Secondary copper smelting and alloying	8.9
Gray iron foundaries	8.11

<u>SOURCE TYPE</u>	<u>CODE</u>
Secondary lead smelting	8.12
Secondary magnesium smelting	8.13
Steel foundries	8.14
Secondary zinc processing	8.15
Storage battery production/reclamation	8.16
Lead oxide and pigment production	8.17
Miscellaneous lead products	8.18
Ore crushing and grinding	8.19
Sintering	8.21
Other	8.22
9. Mineral Products Industry	9.0
Asphalt batching plants	9.1
Bricks, ceramic, and related clay products	9.2
Refractories	9.3
Portland cement manufacturing	9.4
Cement manufacturing - other than Portland	9.5
Coal cleaning	9.6
Coal cleaning (thermal dryer)	9.7
Glass fiber manufacturing	9.8
Frit manufacturing	9.9
Glass manufacturing	9.11
Gypsum manufacturing	9.12
Lime manufacturing	9.13
Mineral wool manufacturing	9.14
Perlite manufacturing	9.15
Phosphate rock processing	9.16
Stone quarrying, sand and gravel processing	9.17
Taconite ore processing	9.18
Mining operations	9.19
Other	9.21
10. Wood Products	10.0
Kraft pulp mills	10.1
Wood pulping other than Kraft	10.2
Hardboard	10.3
Plywood plants	10.4
Woodworking	10.5
Other	10.6
11. General Manufacturing and Fabrication	11.0
12. Institutional/Commercial	12.0

APPENDIX E
ABBREVIATIONS FOR PROCESS AND
EMISSION LIMITS

Abbreviations for Process and Emission Limits

ADD	additive
AL	aluminum
AM	American
ASSOC	association
ATMOS	atmospheric
CALC	catalytic
CO	company
COLL	collection
COOP	cooperative
CORP	corporation
DECARB	decarbonization
DESULF	desulfurization
DISTIL	distillation
DISTN	distribution
DIV	division
E	eastern
EA	each
ELECT	electric
FAC	facility
FCC	fluid catalytic cracking
FCCU	fluid catalytic cracking unit
FURN	furnace

GEN	generator
HAND	handling
I.C.	internal combustion
INCIN	incinerator
INDEPEN	independent
INTERNAT	international
LAB	laboratory
LDOUT	loadout
LIQ	liquid
LT	light
MATL	material
MFG	manufacturing
MISC	miscellaneous
MODIF	modification
NAT	natural
NATL	national
PREP	preparation
PROD	production
PWR	power
REC	recovery
RECIP	reciprocating

RECLAM	reclamation
REFIG	refrigeration
REFIN	refinery
REG	regular
REGEN	regenerator
RESID	residual
ROT	rotary
SCRUB	scrubber
SECOND	secondary
SHIP	shipping
STOR	storage
SUP	supplementary
SYS	system
TRANS	transmission
UNIV	university
VAC	vacuum
VERT	vertical

ACF	actual cubic feet
ACFM	actual cubic feet per minute
ADP	air dried pulp
AV	average
BBL	barrels
BLS	black liquor solids
BPSD	barrels per stream day
BTU	British thermal units
CF	cubic feet
CFM	cubic feet per minute
CU YD	cubic yard
D	day
D FEED	dry feed
DACF	dry actual cubic feet
DIST	distillate
DSCF	dry standard cubic feet
F	feet
G	gram
G/HP-H	grams per horsepower - hour
G/O	gas/oil
GAL/M	gallons per minute
GR	grains
H	hour
HP	horsepower
J	joule

KG	kilogram
KW	kilowatt
LB	pound
LT	long ton
M	thousand (10^3)
MM	million (10^6)
MG/L	milligram per liter
MW	megawatt
N	natural
NG	nanogram
PPM	parts per million
PPH	parts per hundred
RDF	refuse derived fuel
RESID	residual
S	sulfur
SB	subbituminous
SCF	standard cubic feet
SCFD	standard cubic feet per day
SCFM	standard cubic feet per minute
SEC	second
SQF	square feet
T	ton
VOL	volume
WKS	weeks
YR	year

APPENDIX F
FORMATS FOR BACT/LAER CLEARINGHOUSE SUBMITTALS

