

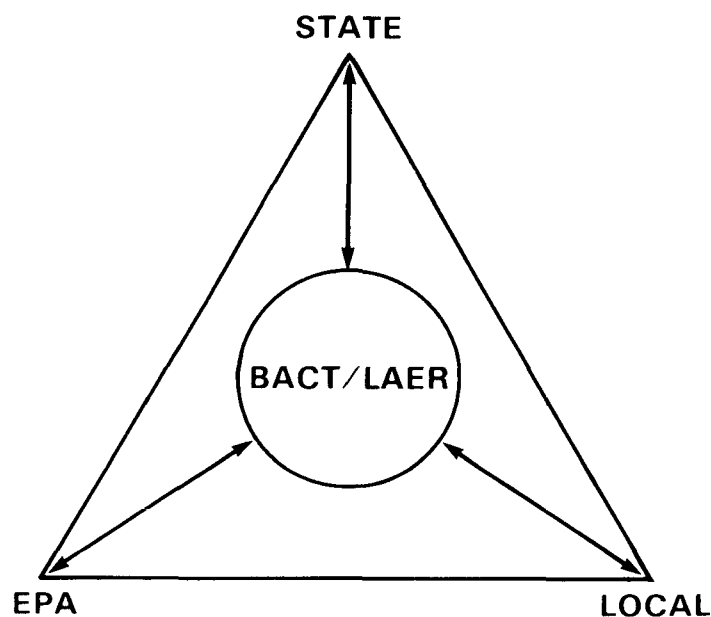
BACT/LAER Clearinghouse—

A Compilation Of Control Technology Determinations

Volume IIA

Appendix G

Source Type Codes 1.0 - 4.0



June 1985

Developed As Part Of A Joint Effort
Between The U.S. Environmental Protection Agency
And State And Local Air Pollution Control Agencies

BACT/LAER Clearinghouse

Prepared By

Emission Standards And Engineering Division

U.S. Environmental Protection Agency
Region V, Library
230 South Dearborn Street
Chicago, Illinois 60604

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

June 1985

DISCLAIMER

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U.S. Environmental Protection Agency

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05/21/1985

1780.00 MW

ANDALUSIA, AL 36420

CHOCTAW COUNTY

DATE OF PERMIT ISSUANCE-- 02/24/81

ESTIMATED DATE OF START-UP-- 1986

SUE ROBERTSON

DOLE, ROBERTSON
(AGENCY CONTACT PERSON)

EMISSION LIMITS

... & BASIS
... PCT EFF

4805.00 MISTU/H EA

NSPS

SSN

NSP

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.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

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ID NUMBER AL-0001

SOURCE	TYPE	CODE	1.1
1.1	1.1	1.1	1.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

248.00 MMBTU/H

EXTERNAL COMBUSTION - COAL

SOURCE TYPE/SIZE

BIRMINGHAM, AL

ALABAMA POWER CO.
POWELL AVE. STEAM HEAT PLT

COMPANY NAME/SITE LOCATION

DETERMINATION IS BACT
PERMIT NO. 4-07-C010-8401,02,07
DETERMINATION MADE BY JEFFERSON COUNTY HEALTH DEPT. KEN HALL
(AGENCY) (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/10/84
ESTIMATED DATE OF START-UP-- 1986
(205)-933-9110
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL-FIRED	248.00 MMBTU/H TOT*	PM	0.0500 LB/MMBTU BAGHOUSE	NSPS 99.60 BACT
		SO2	1.1700 LB/MMBTU LOW S COAL	
		NOX	0.6000 LB/MMBTU OPERATING PRACTICES	NSPS

NOTES -----
PERMITS ARE FOR ONE NEW 146.0 MMBTU/H COAL-FIRED BOILER & TWO EXISTING 51.0 MMBTU/H GAS/OIL-FIRED BOILERS MODIFIED TO BURN COA
L. COMMON BAGHOUSE & STACK FOR THE THREE UNITS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
PAGE G- 2
ID NUMBER AL-0023
REVIEW STATUS:
INITIAL REVIEW POST STARTUP
SOURCE TYPE CODE 1.1

05/21/1985

COMPANY NAME/SITE LOCATION	AMALGAMAIZE CO.	DECATUR, AL

DATE OF PERMIT ISSUANCE-- 11/29/84
ESTIMATED DATE OF START-UP-- 1986
(205)-271-7861
(PHONE)

SUE ROBERTSON
(AGENCY CONTACT PERSON)

THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL E
------------------------	----------------------	------------------------------

PM	0.0500	LB/MMBTU
		BAGHOUSE
SO2	2.2700	LB/MMBTU
		LOW S COAL
NOX	0.5700	LB/MMBTU
		BOILER DESIGN
CO	0.2000	LB/MMBTU
		BOILER DESIGN

NSPS
98.00
SIP
BACT
BACT

BOILER IS RESTRICTED TO MAX OPERATING HEAT INPUT CAPACITY OF 166.0 MBTU/H. NET CONTEMPORANEOUS REDUCTION FOR SO2, THEREFORE B ACT NOT APPLICABLE. DETERMINATION ALSO MADE BY TRI-COUNTY DISTRICT HEALTH SERVICE.

	INITIAL REVIEW	POST STARTUP REVIEW STATUS:
--	----------------	-----------------------------

ID NUMBER AL-0021

SOURCE	TYPE	CODE	1.1
--------	------	------	-----

APPENDIX -- DETAILED SOURCE LISTINGS

05/21/1985

SOURCE TYPE/SIZE
EXTERNAL COMBUSTION - COAL
14.80 MW
COMPANY NAME/SITE LOCATION
AMERICAN LIGHTITE PRODUCTS
IONE, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SJ 83-02
DETERMINATION MADE BY
EPA REGION IX
(AGENCY)
JOE SLAMOVICH
(AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/10/84
ESTIMATED DATE OF START-UP--
(415)-974-8235
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT
COMBUSTOR, FLUIDIZED BED
THROUGHPUT
CAPACITY
23.80 T/H
POLLUTANT
EMITTED
NO2
CO
SO2
PM
EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION
... & BASIS
... PCT EFF
61.5000 LB/H
CIRCULATING FLUIDIZED BED
34.2000 LB/H
CIRCULATING FLUIDIZED BED
65.0000 LB/H
LIMESTONE INJECTION
7.5000 LB/H
BAGHOUSE
94.30
99.90

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
REVIEW STATUS:
INITIAL REVIEW POST STARTUP
ID NUMBER CA-0048A
SOURCE TYPE CODE 1.1
PAGE G- 4

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

17.00 MM

EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION AMERICAN LIGNITE PROD. CO.

IONE, CA

DETERMINATION IS PERMIT NO. DATE OF PERMIT ISSUANCE-- 12/21/83
 DETERMINATION MADE BY AMADOR COUNTY APCD ESTIMATED DATE OF START-UP-- 1985
 (AGENCY) EARL WITTHYCOMBE (916)-862-1233
 (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FLUID BED COMBUSTION	240.00 MMBTU/H	PM	0.0156 GR/DSCF	BAGHOUSE	BACT 99.93
		SO2	115.0000 PPM	LIMESTONE BED	BACT 94.25
		NOX	150.0000 PPM	1.5% S FUEL	BACT
		CO	138.0000 PPM	STAGED COMBUSTION	BACT
				STAGED COMBUSTION	

NOTES -----
 RECIRCULATING FLUID BED INCREASES SO2/LIMESTONE INTERACTION AND CAPTURE, MAINTENANCE OF BED TEMPERATURE AT 1560 F KEEPS NOX PR
 ODUCTION LOW, BAGHOUSE FOLLOWS RECIRCULATING CYCLONE AND MULTICLONE FOR PARTICULATE CONTROL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE CODE 1.1

ID NUMBER CA-0048

PAGE 6-- 5

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL 350.00 MW

COMPANY NAME/SITE LOCATION ARIZONA PUBLIC SERVICE CO., CHOLLA UNIT* JOSEPH CITY, AZ

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. AZP 78-01

DETERMINATION MADE BY EPA REGION IX

(AGENCY)

JIM HANSON

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 02/15/78

ESTIMATED DATE OF START-UP--

(415)-974-8036

(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

COAL FIRED BOILER 350.00 MW

PM 0.0500 LB/MMBTU

ESP

SO2 0.0720 LB/MMBTU

WET LIMESTONE SCRUBBING

LCH S COAL

NOX 0.7000 LB/MMBTU

COAL HANDLING AREAS

PM

DUST CONTROL SYS

LIMESTONE HANDLING AREAS

PM

DUST CONTROL SYS

NOTES -----

THE DEGREE OF CONTROL WAS PROPOSED BY CO. IN ITS APPLICATION. FUGITIVE DUST SHALL BE CONTROLLED DURING CONSTRUCTION BY WATER SPRAY. BOTTOM ASH SHALL BE PUMPED TO A SPRAY POND. ASH SHALL BE MIXED WITH WASTE SLUDGE FROM SO2 ABSORBERS AND OR WASTEWATER FROM COOLING TOWER AND TRANSPORTED IN A SLURRY TO A SEPERATE DISPOSAL AREA.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

ID NUMBER AZ-0003

SOURCE TYPE CODE 1.1

PAGE 6- 6

05:21/1985

800.00 MW

NEWARK, AR.

INDEPENDENCE COUNTY

DATE OF PERMIT ISSUANCE-- 03/30/78

ESTIMATED DATE OF START-UP--

JOHN BUNYAK
(AGENCY CONTACT)

THROUGHPUT
CAPACITY

POLLUTANT
EMITTEDEMISSION LIMITS
CONTROL E

ON LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

300.00 MY

205

0.9300 LB/MMBTU

LOW S WESTERN COAL

103

0.1000 LB/MISTU

ESP

99.50

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

ID NUMBER AR-0001

SOURCE	TYPE	CODE	1.1
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
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21	21	21	21
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28	28	28	28
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94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL 730.00 MW

COMPANY NAME/SITE LOCATION ASSOC. ELECT. COOP., INC. , MO RANDOLPH COUNTY

 THOMAS HILL STATION

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. DATE OF PERMIT ISSUANCE-- 02/06/78

DETERMINATION MADE BY EPA REGION VII ESTIMATED DATE OF START-UP-- 1982

 (AGENCY) (816)-374-6525

 DANIEL RODRIGUEZ (PHONE)

 (AGENCY CONTACT PERSON)

PROCESSES SUBJECT THROUGHPUT EMISSION LIMITS ... & BASIS

TO THIS PERMIT CAPACITY CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

BOILER, COAL FIRED (UNIT 3), PU* 6588.00 MMBTU/H SO2 1.2000 LB/MMBTU BACT 90.00

 PM 0.1000 LB/MMBTU WET LIMESTONE SCRUBBER BACT 99.70

 NOX 0.7000 LB/MMBTU COLD-SIDE ESP NSPS

 BOILER DESIGN

NOTES -----

PLANT NAME- THOMAS HILL (EXISTING UNIT 1 - 180MW, NET, EXISTING UNIT 2 - 303 MW, NET). THE NEW UNIT 3 IS SUBJECT TO NSPS, SUBP

ART D. EXISTING UNITS 1 AND 2 WILL BE LIMITED TO 8.0 LB SO2/MMBTU (3-HR. AVG.) BECAUSE OF POSSIBLE

AMBIENT STANDARD VIOLATIONS. THE EXISTING UNITS WILL BURN WASHED COAL (4.5% S BY WT.). UNIT 3 WILL BURN UNWASHED COAL (5.5% S

BY WT.). MISSOURI COAL

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

 ID NUMBER MO-0002 SOURCE TYPE CODE 1.1

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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL 500.00 MW

COMPANY NAME/SITE LOCATION BASIN ELECTRIC POWER COOP. BEULAH, ND

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO.

DETERMINATION MADE BY NORTH DAKOTA SHD

(AGENCY)

ROBERT KING

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/12/83

ESTIMATED DATE OF START-UP-- 1987

(701)-224-2348

(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
----------------------------------	---------------------	-------------------	---	-------------------------

BOILER

6278.00 MMBTU/H

PM	188.0000 LB/H	0.0300 LB/MMBTU	BAGHOUSE	NSPS
S02	2637.0000 LB/H	0.6600 LB/MMBTU	SPRAY DRYER	99.86 BACT
S02	30.0000 % CF POTENT. COMBUST. CONC.			88.00
NOX	2825.0000 LB/H	0.4500 LB/MMBTU	COMBUSTION CONTROLS, MFG CLAIM	BACT

NOTES

THE S02 EMISSION RATE IS BASED ON CLASS I AREA IMPACTS , THE TECHNOLOGY INVOLVED, & ECONOMICS. FOR THE EMISSION LIMITS THE MOS
T STRINGENT ONE APPLIES DEPENDING ON OPERATING CONDITIONS.
2637 LB/H OF S02 IS BASED ON 0.42 LB/MMBTU INPUT AT MAXIMUM PRODUCTION RATE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

PAGE 6- 9

ID NUMBER ND-0004

SOURCE TYPE CODE 1.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

1500.00 MW

WHEATLAND, WY

DATE OF PERMIT ISSUANCE-- 05/14/76
ESTIMATED DATE OF START-UP--
(307)-777-7391
(PHONE)

ECKART HAAS
(AGENCY CONTACT PERSON)

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. CT-36
DETERMINATION MADE BY WYOMING AGD
(AGENCY)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL, 2 EA	5513.62 MMBTU/H	SO2	0.2000 LB/MMBTU FGD, WET LIMESTONE SCRUBBER	NSPS 90.00
		PM	0.1000 LB/MMBTU ESP	NSPS 99.50
BOILER, COAL	5513.62 MMBTU/H	SO2	0.2000 LB/MMBTU FGD, DRY LIME SCRUBBER	NSPS 90.00
		PM	0.1000 LB/MMBTU ESP	NSPS 99.50

NOTES -----
UNIT 1 START UP WAS 07/01/80. UNIT 2 START UP WAS 07/01/81. UNIT 3, THE FIRST FULL-SCALE DRY SCRUBBER INSTALLED ON A LARGE STEAM GENERATOR IN THE U.S., IS PRESENTLY UNDERGOING SUBSTANTIAL MOD. TO MEET SO2 EMISSION LIMITS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
PAGE G- 10
ID NUMBER WY-0013
REVIEW STATUS:
INITIAL REVIEW POST STARTUP
SOURCE TYPE CODE 1.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE
EXTERNAL COMBUSTION - COAL
880.00 MW

COMPANY NAME/SITE LOCATION
BIG RIVERS ELECT.-D.B. WILSON STATION
D.B. WILSON STATION

LIVERMORE, KY 42352

OHIO COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

DATE OF PERMIT ISSUANCE-- 03/11/81
ESTIMATED DATE OF START-UP-- 1984
(502)-564-3382
(PHONE)

PERMIT NO. C-80-41
DETERMINATION MADE BY KENTUCKY DAPC
(AGENCY)

BILL DILLS
(AGENCY CONTACT PERSON)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
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BOILER, COAL FIRED	4585.00 MMBTU/H EA	PM	0.0300 LB/MMBTU ESP	BACT 99.80
--------------------	--------------------	----	------------------------	---------------

		SO2	1.2000 LB/MMBTU WET SCRUBBER	BACT 90.00
		NOX	0.6000 LB/MMBTU BOILER DESIGN & OPERATION	BACT

COAL HANDLING	3281.00 MT/YR	PM	LIMITED OPERATING CONDITIONS	
---------------	---------------	----	------------------------------	--

LIMESTONE HANDLING	279000.00 T/YR	PM	LIMITED OPERATING CONDITIONS	
--------------------	----------------	----	------------------------------	--

NOTES -----
2 COAL FIRED 440 MW BOILERS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

PAGE 6- 11

ID NUMBER KY-0009

SOURCE TYPE CODE 1.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE
EXTERNAL COMBUSTION - COAL
246.00 MM

COMPANY NAME/SITE LOCATION
BOARD OF PUBLIC UTILITIES
KANSAS CITY, KS
HYANDOTTE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY
EPA REGION VII
(AGENCY)
CHARLES WHITMORE
(AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/29/76
ESTIMATED DATE OF START-UP-- 1981
(816)-374-6525
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT
BOILER, COAL FIRED, PULV.
246.00 MM

POLLUTANT EMITTED	THROUGHPUT CAPACITY	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF	... & BASIS
SO2		1.2000 LB/MMBTU	BACT
		LOW S WESTERN COAL	
PM		0.1000 LB/MMBTU	NSPS
		ESP	
NOX		0.7000 LB/MMBTU	NSPS
		BOILER DESIGN	

NOTES
PLANT NAME: NEARMAN CREEK. THE UNIT IS SUBJECT TO NSPS, SUBPART D.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
ID NUMBER KS-0012
PAGE G- 12

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983
SOURCE TYPE CODE 1.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE

EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION B.F. GOODRICH

HENRY, IL

MARSHALL COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

DATE OF PERMIT ISSUANCE-- 09/16/82

PERMIT NO. 82 03 0046

ESTIMATED DATE OF START-UP-- 1985

DETERMINATION MADE BY ILLINOIS EPA (AGENCY)

CHRIS ROMAINE (AGENCY CONTACT PERSON)

(217)-782-2113 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT

THROUGHPUT CAPACITY

POLLUTANT EMITTED

EMISSION LIMITS

CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS ... PCT EFF

BOILER, FLUIDIZED BED, RECIRCUL* 150.00 MMETU/H

PM

0.0600 LB/MMBTU

CYCLONE & BAGHOUSE

BACT 99.00 BACT

SO2

1.2000 LB/MMBTU

85.0000 % REDUCTION

FLUIDIZED LIMESTONE BED

NOX

0.6000 LB/MMBTU

EQUIPMENT DESIGN

BACT

CO

400.0000 PPM

EQUIPMENT DESIGN

BACT

NOTES -----

CO EMISSION IS SUBJECT TO REVISION BASED UPON RESULTS OF TRIAL OPERATION.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: 04/01/1983

INITIAL REVIEW POST STARTUP

PAGE 6- 13

ID NUMBER IL-0021

SOURCE TYPE CODE 1.1

(CONTINUED) CENTRAL POWER & LIGHT

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INACTIVE COAL PILE				
		PM	2.5000 LB/H COMPACTION	BACT 90.00
COAL CONVEYOR TO TRANSFER HOUSE				
		PM	2.3200 LB/H 6.7200 LB/D COVERS, WET SUPPRESSION	BACT 99.00
COAL CONVEYOR TO BOILER				
		PM	4.6300 LB/H 13.4400 LB/D COVERS, WET SUPPRESSION	BACT 99.00
FLYASH HANDLING				
		PM	0.2800 LB/H 1.7000 LB/D BAG FILTERS PNEUMATIC CONVEYOR TO SILO	BACT 99.00
LIMESTONE CAR DUMP				
		PM	2.7000 LB/H 24.2900 LB/WK NONE	BACT
LIMESTONE CONVEYOR TO STORAGE				
		PM	0.3500 LB/H 3.1200 LB/WK COVERED BAG COLLECTOR	BACT 98.00
LIMESTONE CONVEYOR TO BINS				
		PM	0.4000 LB/H 3.6000 LB/WK COVERED BAG COLLECTOR	BACT 98.00
LIMESTONE STORAGE PILE				
		PM	0.0480 LB/H NONE	BACT
LIMESTONE RECLAIM				
		PM	19.9000 LB/H 179.5200 LB/WK NONE	BACT
COAL SAMPLE HOUSE				
		PM	7.0000 LB/H 34.3000 LB/D WET SUPPRESSION & COVERED CONVEYORS	BACT 99.00
COAL TRANSFER HOUSE				

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(CONTINUED) CENTRAL POWER & LIGHT

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
LIMESTONE SILOS	PM		7.0000 LB/H	BACT
			34.3000 LB/D COVERED CONVEYORS WET SUPPRESS.& COVERED CONVEY.	99.00
LIMESTONE TRANSFER HOUSE	PM		0.3500 LB/H	BACT
			3.1500 LB/HK BAG FILTER	99.00
			0.1900 LB/H 1.7100 LB/HK BAG FILTER ENCLOSED CONVEYOR	BACT 99.00

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

66.00 MMBTU

EXTERNAL COMBUSTION - COAL

SOURCE TYPE/SIZE

WILBERFORCE, OH

CENTRAL STATE UNIVERSITY

COMPANY NAME/SITE LOCATION

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 08-712

DETERMINATION MADE BY

DAYTON RAPCA

(AGENCY)

TIM WILSON

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/01/85

ESTIMATED DATE OF START-UP-- 1985

(513)-225-4435

(PHONE)

PROCESSES SUBJECT TO THIS PERMIT

THROUGHPUT CAPACITY

POLLUTANT EMITTED

EMISSION LIMITS

CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS ... PCT EFF

BOILER, COAL FIRED

66.00 MMBTU

PM

0.1000 LB/MMBTU

BAGHOUSE

BACT

SO2

1.6000 LB/MMBTU

LCH S COAL

BACT

NOX

0.6000 LB/MMBTU

BACT

{*} INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS:

INITIAL REVIEW POST STARTUP

PAGE G- 18

ID NUMBER OH-0069

SOURCE TYPE CODE 1.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL 1200.00 MW

COMPANY NAME/SITE LOCATION CINCINNATI GAS & ELECTRIC CO. - EAST BEN* , KY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. C-82-072

DETERMINATION MADE BY KENTUCKY DAPC

(AGENCY)

BILL DILLS

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/14/82

ESTIMATED DATE OF START-UP-- 1981

(502)-564-3382

(PHONE)

PROCESSES SUBJECT TO THIS PERMIT

THROUGHPUT CAPACITY

POLLUTANT EMITTED

EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS

... PCT EFF

UNIT #2

6313.00 MMBTU/H

PM 0.1000 LB/MMBTU

2970.0000 T/YR

ESP, WET SCRUBBER

99.60

SO2 1.2000 LB/MMBTU

35640.0000 T/YR

WET SCRUBBER

81.50

NOX 0.7000 LB/MMBTU

20790.0000 T/YR

6270.00 MMBTU/H

PM 0.1000 LB/MMBTU

1650.0000 T/YR

ESP

99.50

SO2 0.8400 LB/MMBTU

13860.0000 T/YR

WET SCRUBBER

85.00

NOX 0.7000 LB/MMBTU

11550.0000 T/YR

NOTES -----

PERMIT COVERS ONLY UNIT #2. UNIT #1 CONSTRUCTION PERMIT C-73-51 ON 8/25/78

EST. DATE OF START-UP UNIT #1 IS 01/86.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983 02/13/1984

PAGE G- 19

ID NUMBER KY-0030

SOURCE TYPE CODE 1.1

05/21/1985

92.50 MMBTU/H

WILKES-BARRE, PA

LUZERNE COUNTY

DATE OF PERMIT ISSUANCE-- 07/01/80

ESTIMATED DATE OF START-UP--	1980
1979	1980

(215)-597-7936

(AGENCY CONTACT PERSON)

POLLUTANT EMITTED	EMISSION LIMITS CONTROL E
----------------------	------------------------------

... & BASIS
... PCT EFF

92.50 MBTU/H

8.0000 LB/H

BAGHOUSE/CYCLONE

205 H/87 0000 LB/H

1.5000 LB/MBTU

S IN FUEL

BACT

99.70

BACT

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

ID NUMBER PA-0020

SOURCE	TYPE	CODE	1.1
--------	------	------	-----

05/21/1985

35.00 MIN

LUF:BERTON, NC

ROBESON COUNTY

DATE OF PERMIT ISSUANCE-- 09/10/84

ESTIMATED DATE CF START-UP-- 1985

MIKE SEWELL
(AGENCY CONTACT PERSON)

... & BASIS
... PCT EFF

•

99.10

9
 1
 2
 3
 4

NOTES -----
 NOT SUBJECT TO NSPS, BUT WILL MEET PROPOSED NSPS SUPPART DB

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

ID NUMBER NC-0035

=====	SOURCE	TYPE	CODE	1.1
-------	--------	------	------	-----

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

35.00 MW

EXTERNAL COMBUSTION - COAL

SOURCE TYPE/SIZE

COMPANY NAME/SITE LOCATION COCENTRIX OF NORTH CAROLINA, INC.

HAMILTON, NC

MARTIN COUNTY

DETERMINATION IS
PERMIT NO. 5418
DETERMINATION MADE BY

NORTH CAROLINA DEM
(AGENCY)

MIKE SEWELL
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/03/84
ESTIMATED DATE OF START-UP-- 1985
(919)-733-7015
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

BOILER, COAL FIRED, 2 EA

THROUGHPUT
CAPACITY

202.00 M³BTU/H

POLLUTANT
EMITTED

PM

SO₂

NOX

CO

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

0.0300 LB/MMBTU
BAGFILTER

1.6000 LB/MMBTU
LOW SULFUR COAL, 1%

0.7000 LB/MMBTU
CONTROL OF EXCESS AIR

0.6000 LB/MMBTU
CONTROL OF EXCESS AIR

... & BASIS
... PCT EFF

99.10

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 12/28/1984

PAGE G- 22

ID NUMBER NC-0032

SOURCE TYPE CODE 1.1

05/21/1985

35.00 MW

KENANSVILLE, NC

DUBLIN COUNTY

DATE OF PERMIT ISS'JANCE-- 06/25/84

[illegible]

MIKE SEWELL
(AGENCY CONTACT)

(919)-733-7015
(PHONE)

THROUGHPUT
CAPACITY

POLLUTANT
EMITTEDEMISSION LIMITS
CONTROL E

... & BASIS
... PCT EFF

202.00 MBTU/H

Σα

0.0300 LB/MMBTU
BAGFILTER

205

LB/HUSTU

3

LOW SULFUR COAL, 1%

NOX

LB/MN3TU

CONTROL OF EXCESS AIR

8

LB/MYSTU

NOTES -----
NOT SUBJECT TO NSPS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 12/28/1984

PAGE G- 23

ID NUMBER NC-0033

SOURCE TYPE CODE	1.1
------------------	-----

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE
EXTERNAL COMBUSTION - COAL
1320.00 MW
COMPANY NAME/SITE LOCATION COLORADO UTE-CRAIG UNIT #3
NEAR CRAIG, CO
MOFFAT COUNTY

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY EPA REGION VIII
(AGENCY)
JOHN DALE
(AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/27/80
ESTIMATED DATE OF START-UP--
(303)-837-3763
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
RR CAR	1.87 MMT/YR	PM	1.0000 T/YR FF	BACT 99.80
ASH SILO VENT	355.00 MT/YR	PM	149.0000 T/YR FF	BACT 99.80
ASH UNLOAD	355.00 MT/YR	PM	34.0000 T/YR HYDROMIXER	BACT 59.00
BOILER	214.00 T/H SEE NOTE	CO	NO CONTROL	BACT
		VOC	NO CONTROL	BACT
		NOX	0.5000 LB/MMSTU BOILER DESIGN	BACT 65.00
		PM	0.0300 LB/MMSTU EACHOUSE	BACT 99.80
		SO2	0.2000 LB/MMSTU DRY SCRUBBER	BACT 90.00
COAL PILE	1.87 MMT/YR	PM	5.0000 T/YR SURFACTANT	BACT 65.00
CONV.	1.87 MMT/YR			

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.
ID NUMBER CO-0007
INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1993
SOURCE TYPE CODE 1.1

(CONTINUED) COLORADO UTE-CRAIG UNIT #3

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
LINE TRANS./STORAGE	37.40 MT/YR	PM	5.0000 T/YR ENCLOSURES	BACT 90.00
TRANS PTS.	1.87 MMT/YR	PM	0.0000 T/YR FF	BACT 99.60
		PM	0.0000 T/YR ENC + FF	BACT 99.80

NOTES -----
BOILER CAPACITY IS 440.0 MVA.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW	POST STARTUP
REVIEW STATUS: 04/01/1983	
ID NUMBER CO-0007	SOURCE TYPE CODE 1.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

EXTERNAL COMBUSTION - COAL

190.00 MLB/H STEAM

PHILADELPHIA, PA 19127

COMPANY NAME/SITE LOCATION CONTAINER CORP. OF AMERICA
5000 FLAT ROCK RD

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 80168
DETERMINATION MADE BY PHILADELPHIA AMS
(AGENCY)

THOMAS ELLIOTT, JR.
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/20/81
ESTIMATED DATE OF START-UP-- 1981
(215)-686-7393
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
----------------------------------	---------------------	-------------------	---	-------------------------

BOILER #1, RILEY P.C.	190000.00 LB/H STEAM			
-----------------------	----------------------	--	--	--

		SO2	0.5000 LB/MIBTU HEAT INPUT	NOTE
--	--	-----	----------------------------	------

BAGHOUSE, ECOLAIR SPRAY DRYERS
SULFUR & PM SYSTEM

		PM	0.0600 LB/MMSTU HEAT INPUT	NOTE
--	--	----	----------------------------	------

NOTES

BOILER #2 PM CONTROLLED BY BAGHOUSE ONLY - PLANT OPERATING UNDER TERMS OF A TWO BOILER SO2 BUBBLE. NOTE -- SO2 - AMS REG. III & SIP REVISION, PM - AMS REG. II & SIP REVISION.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

PAGE 6- 26

ID NUMBER PA-0030

SOURCE TYPE CODE 1.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL 137.00 MMBTU/H

COMPANY NAME/SITE LOCATION CURTISS-WRIGHT CORP. WOOD-RIDGE, NJ 07075 BERGEN COUNTY

1 PASSAIC ST.

DETERMINATION IS BACT FOR A MODIFIED SOURCE. DATE OF PERMIT ISSUANCE-- 06/13/80

PERMIT NO. ESTIMATED DATE OF START-UP--

DETERMINATION MADE BY EPA REGION II STEVE RIVA (212)-264-6684

(AGENCY) (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PFB BOILER	137.00 MMBTU/H	SO2	0.3000 LB/MMBTU	PROCESS MOD.	SIP 93.00
		PM	NONE	CALCIUM/SULFUR, 2/1	
		NOX	NONE	PROCESS CYCLONES	
		CO	NONE		

NOTES -----

TEMPORARY SOURCE - NOT TO OPERATE IN EXCESS OF 3100 H/YR FOR A PERIOD NOT TO EXCEED TWO YEARS FROM START-UP.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

PAGE G-- 27 ID NUMBER NJ-0004 SOURCE TYPE CODE 1.1

05/21/1985

MM 00.008

NEAR BONANZA, UT

UINTAH COUNTY

DATE OF PERMIT ISSUANCE-- 02/04/80
ESTIMATED DATE OF START-UP-- 1984
(303)-857-3763
(PHONE)

... & BASIS
... PCT EFF

475.00 T/H COAL

BACT
99.00

2.70 MMT/YR

BACT
99.00

2.70 MMT/YR

PM	2.0000 T/YR
VE	20.0000 % OPACITY

BACT
50.00

55.60 MT/YR

VE	20.0000	% OPACITY
PM	1.0000	T/YR
VE	20.0000	% OPACITY
		ENC & FF

BACT
90.00

400.00 MW

NO	20.0000 % CRYSTALLINITY	NO CONTROL
1	100	100
2	100	100
3	100	100
4	100	100
5	100	100
6	100	100
7	100	100
8	100	100
9	100	100
10	100	100
11	100	100
12	100	100
13	100	100
14	100	100
15	100	100
16	100	100
17	100	100
18	100	100
19	100	100
20	100	100
21	100	100
22	100	100
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35	100	100
36	100	100
37	100	100
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39	100	100
40	100	100
41	100	100
42	100	100
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85	100	100
86	100	100
87	100	100
88	100	100
89	100	100
90	100	100
91	100	100
92	100	100
93	100	100
94	100	100
95	100	100
96	100	100
97	100	100
98	100	100
99	100	100
100	100	100

BACK

EACT

304

NO CONTROL

EACT

XOX

LB/MIBTU
COILER DESIGN

BACT 99.60

ME

0.0300 LE/NKBTU
0.0200 GR/DSCF
FF

BACT 99.80

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

UT-0006

SOURCE	TYPE	CODE	1.1
--------	------	------	-----

(CONTINUED) DESERET GEN & TRANS, MOON LAKE

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
		SO2	418.0000 LB/H	BACT
			0.0550 LB/MMBTU	
		VE	WET SCRUBBER	94.00
			20.0000 % OPACITY	

NOTES -----
CEM QA REQUIRED BY 40CFR, PART 60, SUBPART DA. BOILER EMISSION COMPLIANCE FOR SO2, NOX, OPACITY WILL BE DETERMINED BY CEM REPO
RTS. VE IS STATEPERMIT REQUIREMENT.

	INITIAL REVIEW	POST STARTUP
(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.	REVIEW STATUS: 04/01/1983	
PAGE G- 30	ID NUMBER UT-0006	SOURCE TYPE CODE 1.1

05/21/1985

526.00 MW MOD.

MAYSVILLE, KY 40391

MASON COUNTY

DETERMINATION IS BACK FOR A MODIFIED SOURCE.

DATE OF PERMIT ISSUANCE-- 12/02/76
ESTIMATED DATE OF START-UP-- 1981
(502)-564-3382
(PHONE)

BILL DILLS
(AGENCY CONTACT PERSON)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

EMISSION LIMITS
CONTROL E

... & BASIS
... FCT EFF

BOILER, PULV., COAL FIRED, DRY * 6760.00 MMBTU/H

PM 0.1000 LB/MNBTU
HOT SIDE

99.50

PPB HOT SIDE ESP

99.50

1.2000 LB/MMBTU
0.72% S IN FUEL

NOX 0.7000 LB/MMBTU

NOTES -----
UNIT NUMBER 2

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1963 02/13/1984

PAGE G- 51

ID NUMBER KY-0018

SOURCE	TYPE	CODE	1.1
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

670.00 MMBTU/H

EXTERNAL COMBUSTION - COAL

SOURCE TYPE/SIZE

ROCHESTER, NY

COMPANY NAME/SITE LOCATION EASTMAN KODAK CO., KODAK PARK DIV.

DETERMINATION IS BACT FOR A NEW SOURCE.

DATE OF PERMIT ISSUANCE-- 12/20/82
ESTIMATED DATE OF START-UP-- 1986

PERMIT NO. C262800 025 00004
DETERMINATION MADE BY NEW YORK DEC
(AGENCY)

FRANK SHATTUCK
(AGENCY CONTACT PERSON)

(716)-226-2456
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
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BOILER, COAL FIRED 670.00 MMBTU/H

PM	0.0350 LB/MMBTU ESP	BACT	99.57
SO2	1.2000 LB/MMBTU LOW S COAL	BACT	99.57
NOX	0.7000 LB/MMBTU COMBUSTION CONTROL	BACT	98.40
CO	0.0450 LB/MMBTU COMBUSTION CONTROL	BACT	98.40
BE	0.0010 LB/H ESP	BACT	99.00

COAL CAR UNLOADER

PM	1.1000 LB/H FABRIC FILTER	BACT	99.00
----	---------------------------	------	-------

CRUSHING

PM	0.7500 LB/H FABRIC FILTER	BACT	99.00
----	---------------------------	------	-------

BUNKER

PM	0.0230 LB/H	BACT	99.00
----	-------------	------	-------

ASH HANDLING

PM	0.0750 LB/H FABRIC FILTER	BACT	99.00
----	---------------------------	------	-------

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

PAGE G- 32

ID NUMBER NY-0004

SOURCE TYPE CODE 1.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

1200.00 MM

EXTERNAL COMBUSTION - COAL

SOURCE TYPE/SIZE

E. KENTUCKY POWER CORP.
J.K. SMITH POWER STATION

COMPANY NAME/SITE LOCATION

TRAPP, KY

CLARK COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. C-80-67
DETERMINATION MADE BY

KENTUCKY DAPC
(AGENCY)

BILL DILLS
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 08/21/80
ESTIMATED DATE OF START-UP-- 1992
(502)-564-3382
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

BOILER, COAL FIRED 6760.00 MMBTU/H EA

PM

0.0300 LB/MMBTU
ESP

BACT
99.80

SO2

1.2000 LB/MMBTU
WET SCRUBBER

BACT
90.00

NOX

0.6000 LB/MMBTU
BOILER DESIGN

BACT

BOILER, COAL FIRED 6760.00 MMBTU/H

PM

0.0300 LB/MMBTU
ESP

BACT
99.80

SO2

1.2000 LB/MMBTU
WET SCRUBBER

BACT
90.00

NOX

0.6000 LB/MMBTU
BOILER DESIGN

BACT

NOTES -----

STARTUP UNIT #1 - 8/92, UNIT #2 - 8/93.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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ID NUMBER KY-0003

REVIEW STATUS: 04/01/1983

SOURCE TYPE CODE 1.1

INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE
EXTERNAL COMBUSTION - COAL
1220.00 MMBTU/H
COMPANY NAME/SITE LOCATION
FLORIDA POWER CORP.
CRYSTAL RIVER, FLA., FL 33733
CITRUS COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. AC52-36102
DETERMINATION MADE BY
FLORIDA DER
(AGENCY)
BOB KING
(AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/15/80
ESTIMATED DATE OF START-UP-- 1983
(904)-468-1344
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT
THROUGHPUT
CAPACITY
55000.00 LB/H
FLY ASH HANDLING UNITS
PM
4.0000 LB/H
BAGHOUSE
BACT
99.90
... & BASIS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

NOTES
ADDED ESP TO EXISTING BOILER

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
PAGE G- 34
ID NUMBER FL-0013
INITIAL REVIEW
REVIEW STATUS: 04/01/1983
01/25/1984
SOURCE TYPE CODE 1.1

05/21/1985

58.00 MW

GRAND HAVEN, MI 49417

MUSKEGON COUNTY

DATE OF PERMIT ISSUANCE-- 03/18/80
ESTIMATED DATE OF START-UP-- 1983
(517)-322-1333
(PHONE)

DETERMINATION MADE BY
MICHIGAN DNR
(AGENCY)

GREGORY EDWARDS
(AGENCY CONTACT PERSON)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTEDEMISSION LIMITS
CONTROL E

... & BASIS
... PCT EFF

COAL-FIRED BOILER

710.00 MMBTU/H

ΣΩ

0.0300 LB/MMBTU

99.80

S02 0.8400 LB/MMBTU 300 AV

0.8400 LB/MMBTU 30D AV
0.8000 LB/MMBTU 24H AV

LIME SLURRY WET SCRUBBER

0.6000 LB/MHTU 300 AV

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 03/13/1984

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ID NUMBER MI-0004

SOURCE	TYPE	CODE	1.1
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05/21/1985

490.00 MW

, OK 74361

MAYES COUNTY

DATE OF PERMIT ISSUANCE-- 03/30/78

ESTIMATED DATE OF START-UP--

(214)-767-1594

(AGENCY CONTACT PERSON)

JOHN EUNYAK

(AGENCY CONTACT PERSON)

THROUGHPUT
CAPACITY

POLLUTANT
EMITTEDEMISSION LIMITS
CONTROL E

... & BASIS
... PCT EFF

490.00 MW

502

1.2653 LB/MMBTU

6157.2000 LB/H

LOW S COAL

五

0.1000 LB/MHTU

H/37 0001.515

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1993

ID NUMBER OK-J001

SOURCE	TYPE	CODE	1.1
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE

EXTERNAL COMBUSTION - COAL

HOLYOKE, MA

COMPANY NAME/SITE LOCATION HOLYOKE WATER POWER CO., MT. TOM PAR PL*

DATE OF PERMIT ISSUANCE-- 10/27/82
ESTIMATED DATE OF START-UP-- 1981
(617)-727-8640
(PHONE)

DETERMINATION IS RACT FOR A MODIFIED SOURCE.
PERMIT NO. APPR. LTR 10-27-82
MASSACHUSETTS DEQE - AIR
(AGENCY)

DAVID HOWLAND
(AGENCY CONTACT PERSON)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

COAL COMBUSTION

1447.00 MMBTU/H

S

1.2100 LB/MMBTU MONTHLY AV

RACT

PM

1.6000 LB/MMBTU DAILY AV

RACT

NOX

ESP

99.51

NOTES -----

ONE UNIT - 155 MW. VOLUNTARY COAL CONVERSION

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

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ID NUMBER MA-0005

SOURCE TYPE CODE 1.1

05/21/1985

550.00 MW

HOUSTON, TX

DATE OF PERMIT ISSUANCE-- 10/28/77

ESTIMATED DATE OF START-UP--

(214)-767-1594

(PHONE)

THROUGHPUT
CAPACITY

POLLUTANT
EMITTEDEMISSION LIMITS
CONTROL E

... & BASIS
... PCT EFF

550.00 MW

202

1.2000 LB/HMBTU

573.0000 LB/H

LOW S WESTERN COAL

0.1000 LB/MMBTU

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1933

ID NUMBER TX-0005

SOURCE	TYPE CODE	1.1
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE
EXTERNAL COMBUSTION - COAL
550.00 MWCOMPANY NAME/SITE LOCATION
HOUSTON LIGHTING & POWER

THOMPSONS, TX

FORT BEND COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. PSD-TX-234
DETERMINATION MADE BYEPA REGION VI
(AGENCY)JOHN BUNYAK
(AGENCY CONTACT PERSON)DATE OF PERMIT ISSUANCE-- 11/12/81
ESTIMATED DATE OF START-UP--
(214)-787-1594
(PHONE)PROCESSES SUBJECT
TO THIS PERMITTHROUGHPUT
CAPACITY
5729.00 MMBTU/HPOLLUTANT
EMITTEDEMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... BASIS

COAL FIRED BOILER

SO2

0.3600 LB/MMBTU

LIMESTONE SCRUBBER

NSPS
70.00

NOX

0.5000 LB/MMBTU

O2 CONTROLS, TANGENTIAL BURNERS

NSPS

CO

0.0590 LB/MMBTU

O2 CONTROLS

NSPS

PM

0.0300 LB/MMBTU

FABRIC FILTER

NSPS
99.72

LIMESTONE UNLOAD

PM

0.1000 LB/H

WET SUPPRESSION/BOTTOM DUMP

BACT
90.00

ACTIVE LIMESTONE PILE

PM

0.1000 LB/H

ENCLOSED

BACT

INACTIVE LIMESTONE PILE

PM

0.1000 LB/H

ENCLOSED

EACT

LIMESTONE CONVEYERS & TRANSFER *

PM

0.5000 LB/H

ENCLOSED

BACT
90.00

LIMESTONE CRUSHER

PM

0.1000 LB/H

BAGHOUSE

BACT
99.50

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

PAGE G- 39

ID NUMBER TX-0011

SOURCE TYPE CODE 1.1

(CONTINUED) HOUSTON LIGHTING & POWER

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
LIMESTONE FEED SILO		PM	0.1000 LB/H BAGHOUSE	BACT 99.50
FLY ASH MIX TANK		PM	0.7000 LB/H WILL BE A SLURRY	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.	INITIAL REVIEW	POST STARTUP
	REVIEW STATUS: 04/01/1983	
PAGE G- 40	ID NUMBER TX-0011	SOURCE TYPE CODE 1.1

	05/21/1995
1	1
2	1
3	1
4	1
5	1
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99	1
100	1

727.00 MW

COMPANY NAME/SITE LOCATION IA SOUTHERN UTILITIES (CENTERVILLE, IA.)
OTTEWILL STATION (NEAR) CHILLICOTHE, IA
WAPELLO COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

DETERMINATION MADE BY
 EPA REGION VII
 (AGENCY)
 CHARLES WHITMORE
 (AGENCY CONTACT PERSON)
 (816)-374-6525
 (PHONE)
 ESTIMATED DATE OF START-UP-- 1980
 DATE OF PERMIT-- 12/17/79

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS

CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS

... PCT EFF

BOILER, STEAM GEN, COAL FIRED

IS02	1.2000 LB/M ³ BTU LOW S COAL	BACT
PM	0.1000 LB/M ³ BTU ESP	BACT

NOTES -----

THE PERMIT WAS AMENDED ON 03/30/78 TO ADDRESS PARTICULATE MATTER.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

IO NUMBER	IA-0007	SOURCE TYPE CODE	1.1
PAGE 6-	41		

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

165.00 MMBTU/H

EXTERNAL COMBUSTION - COAL

SOURCE TYPE/SIZE

IDAHO FALLS, ID

COMPANY NAME/SITE LOCATION IDAHO NAT ENGINEERING LAB.

DETERMINATION IS BACT FOR A NEW SOURCE.
 PERMIT NO. (REGION FILE NO.) PSD-X81-11
 DETERMINATION MADE BY EPA REGION X
 (AGENCY)
 DAVID TETTA
 (AGENCY CONTACT PERSON)
 DATE OF PERMIT ISSUANCE-- 06/05/81
 ESTIMATED DATE OF START-UP-- 1983
 (206)-442-1193
 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT
 THROUGHPUT CAPACITY
 62.50 MMBTU/H
 BOILER, 2 EA
 POLLUTANT EMITTED
 SO2
 NOX
 PM
 EMISSION LIMITS
 99.2000 LB/H
 0.5000 LB/MMBTU
 0.0500 GR/DSCF
 CONTROL EQUIPMENT OR PROCESS MODIFICATION
 ... & BASIS
 ... PCT EFF

FUGITIVE EMISSIONS
 PM
 0.0100 GR/ACF
 BAGHOUSE
 99.00
 BACT
 BACT
 BACT
 99.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
 REVIEW STATUS: 04/01/1983
 INITIAL REVIEW POST STARTUP
 ID NUMBER ID-0002
 SOURCE TYPE CODE 1.1
 PAGE 5- 42

05/21/1985

980.00 MW

III.

DATE OF PERMIT ISSUANCE-- 06/28/77

ESTIMATED DATE OF START-UP--

(312)-386-6054

(AGENCY CONTACT PERSON)

THROUGHPUT
CAPACITY

... & BASIS
... PCT EFF

490.00 MN

0.1000 LB/MNBTU
1.2000 LB/MNBTU

NSPS
NSPS

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

ID NUMBER IN-0022

SOURCE TYPE CODE 1.1

05/21/1985

2600.00 MW

ROCKPORT, IN

BONIFACE THAYIL
(AGENCY CONTACT PER

DATE OF PERMIT ISSUANCE-- 10/27/77
ESTIMATED DATE OF START-UP--
(312)-866-6054
(PHONE)

THROUGHPUT
CAPACITYPOLLUTANT
EMITTED

EMISSION LIMITS
CONTROL E

... & BASIS
... PCT EFF

1300.00 MW

PM 502

0.1000 LB/MMBTU
1.2000 LB/MMBTU

NSPS
NSPS

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

ID NUMBER IN-0023

SOURCE	TYPE	CODE	1.1
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
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89	89	89	89
90	90	90	90
91	91	91	91
92	92	92	92
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97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

05/21/1985

1950.00 MW

21

91.00

SOURCE TYPE CODE 1.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL

1640.00 MM

COMPANY NAME/SITE LOCATION INTERMOUNTAIN POWER PROJECT

LYNDLE, UT

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

DATE OF PERMIT ISSUANCE-- 10/17/83
ESTIMATED DATE OF START-UP-- 1985
(601)-533-6108
(PHONE)

DETERMINATION MADE BY UTAH BAC
(AGENCY)

DAVID KAPTA
(AGENCY CONTACT PERSON)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, 3	8352.00 MMBTU	PM	0.0200 LB/MMBTU FABRIC FILTER	BACT 99.80
		SO2	0.0150 LB/MMBTU LIMESTONE SCRUB	BACT 90.00
		NOX	0.5500 LB/MMBTU COMBUSTION CONTROL	BACT
		VE	20.0000 % OPACITY FABRIC FILTER	BACT
COAL HANDLING, UNLOADING, CRUSH*	5.00 MMT/YR	PM	0.0240 GR/DSCF 13 FABRIC FILTERS	BACT 99.00
		VE	20.0000 % OPACITY 13 FABRIC FILTERS	BACT
COAL, LIMESTONE, ASH HANDLING	5.00 MMT/YR	VE	20.0000 % OPACITY WET SUPPRESSION	BACT 50.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL 3000.00 MW

COMPANY NAME/SITE LOCATION INTERMOUNTAIN PWR PROJECT-IPP

NEAR LYNNDYL, JT

MILLARD COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO.

DETERMINATION MADE BY EPA REGION VIII
(AGENCY)

JOHN DALE
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 06/08/80
ESTIMATED DATE OF START-UP--
(303)-837-3763
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

ASH UNLOAD

PM	64.0000 LB/H	BACT	99.00
VE	20.0000 % OPACITY	HYDROMIXER	

4 BOILERS

3000.00 MW

CO	1248.0000 LB/H	BACT	
VOC	375.0000 LB/H	BACT	
NOX	0.5300 LB/MMSTU	BACT	
PM	0.0200 LB/MMSTU	DESIGN	65.00
	ESP	BACT	99.80
SO2	0.1500 LB/MMSTU	BACT	
VE	20.0000 % OPACITY	SCRUBBER	90.00

COAL CONV

10.00 MMT/YR

PM	17.0000 LB/H	BACT	90.00
VE	20.0000 % OPACITY	ENCLOSURE	

COAL CRUSHING

10.00 MMT/YR

PM	1.0000 LB/H	BACT	99.80
VE	20.0000 % OPACITY	BAGHOUSE	

COAL STORAGE

10.00 MMT/YR

PM	27.0000 LB/H	BACT	90.00
	CRUSHING MGMT		

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

PAGE G- 47

ID NUMBER UT-0009

SOURCE TYPE CODE 1.1

(CONTINUED) INTERMOUNTAIN FHR PROJECT-IPP

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
COAL UNLOAD	10.00 MMT/YR	VE	20.0000 % OPACITY	
		PM	2.0000 LB/H WET SUPPRES.	BACT 98.50
HAUL ROADS		VE	20.0000 % OPACITY	
		PM	1.0000 %/H CHEM. SUPPRES.	BACT 85.00
LIME STORAGE		PM	0.1000 LB/H BAGHOUSE	BACT 99.80
		VE	20.0000 % OPACITY	
CONV/TRANSFER	10.00 MMT/YR	PM	4.0000 LB/H BAGHOUSE	BACT 98.80
		VE	20.0000 % OPACITY	

NOTES

THIS PROJECT IS UNDER CURRENT RE-REVIEW SINCE THE PROJECT HAS BEEN DOWN SIZED TO 2 UNITS VS. THE ORIG. 4. STRONGLY RECOMMEND THIS BE DELETED & WE WILL UPDATE THE ABOVE INFO AS SOON AS RE-EVALUATION IS COMPLETED (PROB. 5/83).
CEM QA REQUIRED BY 40 CFR, PART 60, SUSPART DA.

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL 650.00 MM

COMPANY NAME/SITE LOCATION IOWA ELECTRIC LIGHT & POWER CO.

PANORA, IA

GUTHRIE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. DATE OF PERMIT ISSUANCE-- 10/29/82

DETERMINATION MADE BY EPA REGION VII

(AGENCY)

STEVE KOVAC

(AGENCY CONTACT PERSON)

(816)-374-6525

(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

BOILER, COAL-FIRED

400.00 T/H COAL

SO2

0.6000 LB/MMBTU DAILY MAX

WET Limestone SCRUBBER

LOW S COAL

NOX

0.5000 LB/MMBTU 30D R AV

CONSTRUCTION DESIGN

PM

0.0300 LB/MMBTU

ESP

VE

20.0000 % OPACITY

PM

0.0100 GR/DSCF

BAGHOUSES

VE

20.0000 % OPACITY

MATERIAL HANDLING

BACT

BACT

BACT

BACT

BACT

NOTES -----

SOURCE IS SUBJECT TO NSPS, SUBPART DA

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1993

PAGE G- 49

ID NUMBER IA-0011

SOURCE TYPE CCDE 1.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL 600.00 MW

COMPANY NAME/SITE LOCATION IOWA-ILLINOIS GAS & ELECT. , IA LOUISA COUNTY

 LOUISA STATION

DETERMINATION IS BACT FOR A NEW SOURCE. DATE OF PERMIT ISSUANCE-- 06/16/81

PERMIT NO. ESTIMATED DATE OF START-UP-- 1983

DETERMINATION MADE BY EPA REGION VII CHARLES WHITMORE (816)-374-6525

 (AGENCY) (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	7000.00 MMBTU/H	NOX	0.6000 LB/MMBTU	BACT
			BOILER DESIGN	
		PM	0.0300 LB/MMBTU	BACT
			ESP	
		SO2	0.8600 LB/MMBTU 24H AV	BACT
			1.0500 LB/MMBTU 3H AV	
			LOW S COAL	

NOTES -----

PERMIT ORIGINALLY ISSUED ON 07/07/79. 53600.0 LB/D TOTAL ALLOWED.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

 SOURCE TYPE CODE 1.1

PAGE 6- 50 ID NUMBER IA-0002

05/21/1985

600.00 MY

JACKSONVILLE, FL 32208

DUVAL COUNTY

DATE OF PERMIT ISSUANCE-- 01/01/82
ESTIMATED DATE OF START-UP-- 1986
(904)-488-1344
(PHONE)

BOB KING
(AGENCY CONTACT PERSON)

THROUGHPUT
CAPACITY

POLLUTANT EMITTED	EMISSION LIMITS CONTROL E
----------------------	------------------------------

... & BASIS
... PCT EFF

NY 00-009

202

0.7600 LB/MMBTU

LB/MMBTU
LIME/LIMESTONE FGD

BACT
90.00

PM

0.0300 LB/MMSTU

LE/MISTU
ESP

NSP
99.78

NOX 0.6000 LB/MMBTU
BOILER DESIGN

NSPS

NOTES -----
TWO UNITS AT 600.0 MW EACH.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

PAGE 5- 51

ID NUMBER FL-0006

SOURCE	TYPE	CODE	1.1
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL 630.00 MM

COMPANY NAME/SITE LOCATION KANSAS CITY POWER & LIGHT IATAN, MO PLATTE COUNTY

 IATAN STATION

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. DATE OF PERMIT ISSUANCE-- 01/07/77

DETERMINATION MADE BY EPA REGION VII ESTIMATED DATE OF START-UP-- 1981

 (AGENCY) (816)-374-6525

 DANIEL RODRIGUEZ (PHONE)

 (AGENCY CONTACT PERSON)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, PULV.	630.00 MM	PM	0.1000 LB/MMBTU ESP	BACT 99.40
		SO2	1.2000 LB/MMBTU LOW S WESTERN COAL	BACT
		NOX	0.7000 LB/MMBTU BOILER DESIGN	NSPS

NOTES -----

THE UNIT IS SUBJECT TO NSPS, SUBPART D. THE PSD REGS ADDRESSED ONLY PM & SO2.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1993

ID NUMBER 103-0004 SOURCE TYPE CODE 1.1

PAGE 6- 52

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL 2880.00 MW (TOTAL, 4 UNIT C*

COMPANY NAME/SITE LOCATION KANSAS POWER & LIGHT CO.
JEFFREY ENERGY CENTER

ST. MARY'S, KS

POTTAWATOMIE COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. DATE OF PERMIT ISSUANCE-- 03/30/78

DETERMINATION MADE BY EPA REGION VII ESTIMATED DATE OF START-UP-- 1984

(AGENCY)

DANIEL RODRIGUEZ

(AGENCY CONTACT PERSON)

(616)-374-6525

(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

COAL FIRED BOILERS, UNITS 3 AND* 720.00 MW EA

SO2

1.2000 LB/MMBTU

BACT

PM

0.1000 LB/MMBTU

BACT

NOX

0.7000 LB/MMBTU

NSPS

BOILER DESIGN

NOTES -----

THE UNITS ARE SUBJECT TO NSPS, SUBPART D. BACT EMISSION LIMITS FOR NOX AND CO WERE NOT SET BECAUSE THE REGS. ADDRESSED ONLY PM
AND SO2. PLANT NAME: JEFFREY ENERGY CENTER.
UNITS 1 AND 2 WERE NOT SUBJECT TO PSD REVIEW. UNIT 3 STARTUP 1982. UNIT 4 STARTUP 1984.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1985

PAGE 6- 53

ID NUMBER KS-0010

SOURCE TYPE CODE 1.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE
EXTERNAL COMBUSTION - COAL
1300.00 MW
COMPANY NAME/SITE LOCATION
KENTUCKY POWER - CARR'S FAC.
LEWIS COUNTY POWER PLANT
ASHAD, KY
LEWIS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. C-80-42
DETERMINATION MADE BY
KENTUCKY DAPC
(AGENCY)
BILL DILLS
(AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 04/18/80
ESTIMATED DATE OF START-UP-- 1989
(502)-564-3382
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
POWER BOILER	11943.00 MMBTU/H EA	SO2	0.6000 LB/MMBTU	BACT
		FGD		95.00
		PM	0.0300 LB/MMBTU	BACT
		NOX	0.6000 LB/MMBTU	99.81
				BACT
			BOILER DESIGN & OPERATION	

NOTES -----
THIS UNIT COAL BURNING POWER PLANT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
PAGE G- 54
ID NUMBER KY-0004
REVIEW STATUS: 04/01/1983
INITIAL REVIEW POST STARTUP
SOURCE TYPE CODE 1.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL 1300.00 MM

COMPANY NAME/SITE LOCATION KENTUCKY UTILITIES - HANCOCK POWER PLANT LEXINGTON, KY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. C-82-123

DETERMINATION MADE BY KENTUCKY DAPC

(AGENCY)

BILL DILLS

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/15/82
ESTIMATED DATE OF START-UP-- 1990
(502)-564-3382
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY EMISSION LIMITS POLLUTANT EMITTED CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF

UNIT #1 6650.00 MMBTU/H

PM 0.0300 LB/MMBTU
874.0000 T/YR
CO 1397.0000 T/YR
SO2 1.2000 LB/MMBTU
15768.0000 T/YR
NOX 0.6000 LB/MMBTU
17476.0000 T/YR

99.80

WET SCRUBBER

UNIT #2 6650.00 MMBTU/H

PM 0.0300 LB/MMBTU
874.0000 T/YR
CO 1397.0000 T/YR
SO2 1.2000 LB/MMBTU
15768.0000 T/YR
NOX 0.6000 LB/MMBTU
17476.0000 T/YR

99.80

WET SCRUBBER

91.80

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

05/21/1985

SOURCE TYPE/SIZE	EXTERNAL COMBUSTION - COAL
1	1
2	2
3	3
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5	5
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99	99
100	100

COMPANY NAME/SITE LOCATION	LOUISVILLE GAS & ELECT. - TRIMBLE CNTY 'F	WISES LANDING, KY

DETERMINATION IS
 PERMIT NO. C-78-34
 DETERMINATION MADE BY KENTUCKY DAPC
 (AGENCY)
 BILL DILLS
 (AGENCY CONTACT PERSON)
 DATE OF PERMIT ISSUANCE-- 12/27/78
 ESTIMATED DATE OF START-UP-- 1986
 (502)-564-3332
 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INDIRECT HEAT EXCHANGER	4851.00 MMBTU/H			

INDIRECT HEAT EXCHANGER	4851.00	MMBTU/H
PM	0.1000	LB/MMBTU
	1275.0000	T/YR
		ESP
S02	1.2000	LB/MMBTU
	10790.0000	T/YR
		NET SCRUBBER
NOX	0.7000	LB/MMBTU
	8924.0000	T/YR
		99.60
		90.00

NOTES -----
UNIT NUMBER 1

```

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
=====
INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1993
=====
ID NUMBER KY-0025 SOURCE TYPE CODE 1.1
=====
PAGE 6- 56
=====

```


APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION LOUISVILLE GAS & ELECT. - WISE'S LANDIN*

, KY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. C-79-53

DETERMINATION MADE BY

KENTUCKY DAPC
(AGENCY)

BILL DILLS
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/01/79
ESTIMATED DATE OF START-UP-- 1988
(502)-564-3382
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

INDIRECT HEAT EXCHANGER

4851.00 MMBTU/H

PM

0.1000 LB/MMBTU
1275.0000 T/YR

ESP

99.60

SO2

1.2000 LB/MMBTU
10790.0000 T/YR

WET SCRUBBER

90.00

NOX

0.7000 LB/MMBTU
8924.0000 T/YR

NOTES -----
UNIT NUMBER 2.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

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ID NUMBER KY-0024

SOURCE TYPE CODE 1.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

4735.00 MMBTU/H

EXTERNAL COMBUSTION - COAL

SOURCE TYPE/SIZE

COMPANY NAME/SITE LOCATION LOWER COLORADO RIVER AUTHORITY

, TX

FAYETTE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

DATE OF PERMIT ISSUANCE-- 12/22/83
ESTIMATED DATE OF START-UP-- 1984
(512)-451-5711
(PHONE)

JIM CROCKER
(AGENCY CONTACT PERSON)

TEXAS ACB
(AGENCY)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

BOILER, LIGNITE FIRED 4735.00 MMBTU/H

H2S*	954.7000 T/YR	BACT
PM	622.0000 T/YR	B/N
	ESP	99.96
HG	0.1300 T/YR	BACT
VOC	168.2000 T/YR	BACT
NOX	12350.2000 T/YR	B/N
	BURNER DESIGN	
SO2	20736.9000 T/YR	B/N
	LIMESTONE SCRUBBER	90.00
CO	2627.7000 T/YR	BACT
PM	53.8000 T/YR	BACT
	COVERS & WETTING AGENTS	
PM	32.9000 T/YR	BACT
	BAGHOUSE	99.00
	WET SPRAY	
PM	4.7000 T/YR	BACT
	BAGHOUSE	99.00
	WET UNLD MIXERS	
PM	0.7000 T/YR	BACT
	ENCLOSURE	

COAL HANDLING, CONVEYING SYS. 1200.00 T/H

COAL HANDLING, STORAGE 1800.00 T/H

ASH HANDLING 300.00 T/H

LIMESTONE HANDLING 300.00 T/H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: 05/04/1984

INITIAL REVIEW POST STARTUP

PAGE 6- 58

ID NUMBER TX-0136

SOURCE TYPE CODE 1.1

(CONTINUED) LOWER COLORADO RIVER AUTHORITY

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
-------------------------------------	------------------------	----------------------	--	----------------------------

SAME PROCESS (CONTINUED)

NOTES

ALT. EMISSION LIMITS ON BOILER ARE -- 0.6 LB/MMBTU NOX, 0.03 LB/MMBTU PM, 1.0 LB/MMBTU SO2.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

517.60 MMBTU/H

EXTERNAL COMBUSTION - COAL

MARQUETTE BOARD OF LT & PWR
SHIRAS GENERATING STA.

MARQUETTE, MI 49855

MARQUETTE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 65-80

DETERMINATION MADE BY MICHIGAN DNR
(AGENCY)

DAVID FERRIER
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/01/80
ESTIMATED DATE OF START-UP-- 1982
(517)-322-1333
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

517.60 MMBTU/H

BOILER, COAL-FIRED

PM 0.0300 LB/MMBTU
BAGHOUSE
SO2 0.4000 LB/MMBTU
SPRAY LIME FGD UNIT
NOX 0.5000 LB/MMBTU
LOW SULFUR WESTERN COAL
LONG. FIRING + EXCESS AIR CON.

99.90
70.00

COAL & ASH HANDLING & STORAGE

PM 0.0300 GP/DSCF
BAG FILTER CONTROL
ENCLOSURES, DUST SUPPRESSANTS

99.90

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 03/13/1984

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ID NUMBER MI-0014

SOURCE TYPE CODE 1.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL 500000.00 LB/H

COMPANY NAME/SITE LOCATION MICHIGAN SOUTH CENTRAL POWER AGENCY LITCHFIELD, MI 49242

HILLSDALE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 607-78 MICHIGAN DNR DATE OF PERMIT ISSUANCE-- 05/16/80

DETERMINATION MADE BY

GREGORY EDWARDS

(AGENCY CONTACT PERSON)

(517)-322-1333

(PHONE)

ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY POLLUTANT EMITTED EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF

COAL-FIRED BOILER 500000.00 LB/H PM 0.0300 LB/MMBTU ESP 99.70 NSPS 90.00

SO2 LIMESTONE SPRAY SCRUB

NOX 0.6000 LB/MMBTU

CONTRL EXCESS & OVERFIRE AIR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983 03/13/1984

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ID NUMBER MI-0001

SOURCE TYPE CODE 1.1

05/21/1985

500.00 MW

COHASSET, MN

DATE OF PERMIT ISSUANCE-- 06/16/77
ESTIMATED DATE OF START-UP--
(312)-886-6054
(PHONE)

THROUGHPUT
CAPACITY

500.00 MW

0.1000 LB/M1B1TU
1.2000 LB/M1B1TU

POLLUTANT EMITTED	EMISSION LIMITS CONTROL
----------------------	----------------------------

... & BASIS
... PCT EFF

NSPS NSPS

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1963

ID NUMBER MN-0006

SOURCE TYPE CODE 1.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

98.30 MMBTU/H

EXTERNAL COMBUSTION - COAL

SOURCE TYPE/SIZE

MORGANTOWN ENERGY RESEARCH CENTER
MORGANTOWN ENERGY RESEARCH CE*

COMPANY NAME/SITE LOCATION

MORGANTOWN, WV

MONONGALIA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 78HV08

DETERMINATION MADE BY

EPA REGION III
(AGENCY)

EILEEN GLEN
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/20/79
ESTIMATED DATE OF START-UP--
(215)-597-8187
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

FLUIDIZED BED BOILER

98.30 MMBTU/H

PM

5.4000 LB/H

CENTRIF. COLL. & FABRIC FILTER

BACT
99.00

SO2

86.0000 LB/H

BACT

BACT
99.00

NOX

34.0000 LB/H

BACT

BACT
99.00

COAL/LIMESTONE DRYER

52.00 CF/H

PM

FABRIC FILTER

BACT
99.00

COAL/LIMESTONE DRYER

13230.00 T COAL

COAL/LIMESTONE DRYER

6600.00 T LIMESTONE

COAL/LIMESTONE UNLOAD

20000.00 T COAL LIME*

FUG*

FABRIC FILTER

BACT
99.90

COAL/LIMESTONE CONVEYORS

20000.00 T COAL LIME*

FUG*

FABRIC FILTER

BACT
99.90

COAL/LIMESTONE CONVEYORS

20000.00 T COAL LIME*

FUG*

FABRIC FILTER

BACT
99.90

NOTES
PROJECT CANCELLED

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1993

PAGE 6- 63

ID NUMBER WV-0006

SOURCE TYPE CODE 1.1

05/21/1985

166.00 MW (GROSS)

MUSCATINE, IA

MUSCATINE COUNTY

DATE OF PERMIT ISSUANCE-- 01/24/80

ESTIMATED DATE OF START-UP--

DANIEL RODRIGUEZ
AGENCY CONTACT PERSON

POLLUTANT
EMITTEDEMISSION LIMITS
CONTROL E

... & BASIS
... PCT EFF

166.00 MW

14

0.0300 LB/MMBTU

LAER

0.4500 LB/HMTU 30D R AV

LAER

0.5600 LB/M²BTU MAX D AV

...

WET-LIMESTONE SCRUBBER

92.00

0.6000 LB/MMBTU

BACT

BOILER DESIGN

•

COAL HANDLING

PM 0.0100 GR/SCF

LAER

BAGHOUSE

66.66

ASH HANDLING

0.0200 GR/SCF

LAER

GR/SCF
BAGHOUSE

LAER
99.98

NOTES -----

LAER'S ESTABLISHED BY THE ICWA DEPT. OF ENVIRONMENTAL QUALITY, CONTACT - AFTER 7/1/83, THE ICWA DEPT. OF WATER, AIR, & WASTE MANAGEMENT, 515-261-8924. UNIT 9 WILL BURN SOUTHERN ILL. COAL. SO2 & PM OFFSETS WILL BE OBTAINED.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

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ID NUMBER IA-0001

SOURCE	TYPE	CODE	1.1
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
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100	100	100	100

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

650.00 MW

EXTERNAL COMBUSTION - COAL

SOURCE TYPE/SIZE

COMPANY NAME/SITE LOCATION NE PUBLIC POWER DIST./GENTLEMAN #2
GERALD GENTLEMAN STATION (UNIT#)

SUTHERLAND, NE

LINCOLN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO.

DETERMINATION MADE BY EPA REGION VII
(AGENCY)

CHARLES WHITMORE
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 02/09/77
ESTIMATED DATE OF START-UP--
(816)-374-6525
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

BOILER, STEAM GEN, COAL FIRED 650.00 MW

SO2

1.2000 LB/MMBTU

BACT

PM

0.1000 LB/MMBTU
ESP

BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

PAGE 6- 65

ID NUMBER NE-0003

SOURCE TYPE CODE 1.1

05/21/1985

COMPANY NAME/SITE	LOCATION	NEBRASKA PUBLIC POWER DIST.	, NE
		COHSTOCK STATION	

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	... & BASIS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

BOILER	650.00 MW			

BOILER		650.00 MW			
	PM	0.0300 LB/MMBTU FABRIC FILTER			99.90
	S02	70.0000 % REMOVAL 0.3800 LB/MMBTU 30D AV DRY SCRUBBER			70.00
	NOX CO	0.5000 LB/MMBTU 30D AV 50.0000 PPM			
COAL HANDLING	PM	20.0000 % OPACITY FABRIC FILTER			99.90

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

=====		INITIAL REVIEW		PCST STARTUP	
=====		REVIEW STATUS:		04/01/1983	
=====					
=====		ID NUMBER		NE-0002	
=====		PAGE G-		66	
=====		SOURCE TYPE		CODE	
=====				1.1	

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE

EXTERNAL COMBUSTION - COAL

2240.00 MM

COMPANY NAME/SITE LOCATION NEVADA POWER CO.
25 MILES NE OF LAS VEGAS

, NV

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. NV-77-01

DETERMINATION MADE BY

EPA REGION IX
(AGENCY)

LARRY BONERMAN
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/13/81
ESTIMATED DATE OF START-UP-- 1990
(415)-974-8213
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

BOILERS, 4 EA

560.00 MM

CO

320.0000 LB/H
50.0000 PPM AT 20% EXCESS AIR
PROPER BOILER DESIGN
EXCESS AIR MONITORING

BACT

NOX

2498.0000 LB/H
0.4400 LB/MMBTU
PROPER BOILER DESIGN W/ COMBUSTION AND LOW NOX*

BACT

SO2

566.0000 LB/H
0.1000 LB/MMBTU
ONE (1) WET LIME SCRUBBER
TWO (2) STANDBY MODULES TO IMPROVE SYSTEM RELI*

BACT

PM

0.0150 LB/MMBTU
10.0000 % OPACITY
BAGHOUSE, UNLESS ESP DESIGN APPROVED

BACT

VOC

99.76

PB

PROPER BOILER DESIGN
COMBUSTION MONITORS

BACT

BE

NONE
SAME AS LEAD

BACT

HG

NONE
PM AND SO2 CONTROLS EQUIPMENT
MONITOR Hg CONTENT IN COAL

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

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ID NUMBER NV-0001

SOURCE TYPE CODE 1.1

(CONTINUED) NEVADA POWER CO.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... FCT EFF
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SAME PROCESS (CONTINUED)

COAL FIRED BOILERS, 4	31250.00 T/D	F	9.0000 LB/H	
			SAME AS MERCURY	
		H2S*	13.0000 LB/H	SAME AS MERCURY W/O COAL MONITORING
		PM	11.4000 T/YR	
			VENTURIES TO MET SCRUBBER OR BAGHOUSE	99.00
			ENCLOSURE AND WETTING TRANSFER POINTS	

ACTIVE COAL STORAGE SILOS

PM	TRACE		
	BAGHOUSE ON SILO VENTS		95.00

COAL DEMATERING PLANT

CO	26.0000 LB/H	
	50.0000 PPM	
	SAME AS FOR BOILERS	

NOX	204.0000 LB/H	
	0.4400 LB/MMBTU	
	SAME AS FOR BOILERS	

SO2	46.0000 LB/H	
	0.1100 LB/MMBTU	
	SAME AS FOR BOILERS	

BE	NONE	
	SAME AS FOR BOILERS	

HG	NONE	
	SAME AS FOR BOILERS	

F	1.0000 LB/H	
	2.0000 LB/H	
	SAME AS FOR BOILERS	

H2S*	1.0000 LB/H	
	2.0000 LB/H	
	SAME AS FOR BOILERS	

INACTIVE COAL STORAGE PILE

FUG*	COMPACTION & CHEMICAL STABILIZATION W/BINDING *	90.00
------	---	-------

LIME CONVEYING, TRANSFER, STORAGE

PM	BAGHOUSES ON LIME SILO AND SLAKER VENTS.	
	PNEUMATIC UNLOADING, ENCLOSED CONVEYOR	

ASH HANDLING, STORAGE & DISPOSAL

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.	INITIAL REVIEW	POST STARTUP
	REVIEW STATUS: 04/01/1983	

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ID NUMBER NV-0001

SOURCE TYPE CODE 1.1

(CONTINUED) NEVADA POWER CO.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
-------------------------------------	------------------------	----------------------	--	----------------------------

SAME PROCESS (CONTINUED)

		PM	SILLO VENTED TO BAGHOUSE. FLY ASH PNEUMATICALLY CONVEYED TO SILO.	
--	--	----	--	--

PLANT ACCESS & HAUL ROADS

		FUG*	MOST ROADS PAVED AND 20 MPH SPEED LIMIT	
--	--	------	---	--

FUEL OIL STORAGE

3.10 MMGAL

		VOC	FIXED OR FLOATING ROOF	
--	--	-----	------------------------	--

NOTES -----

(250) LB/HR LIMITS APPLY TO ANY CONSECUTIVE 24-HOUR PERIOD, ALL OTHER ARE FOR CONSECUTIVE 30-DAY PERIOD AS DETERMINED BY CONTI
NUOUS MONITORING SYS. OPACITY LIMIT (6 MINUTE AVERAGE) CANNOT BE EXCEEDED
EXCEPT FOR ONE 6-MINUTE PERIOD PER HOUR OF NOT MORE THAN 15% OPACITY AS DETERMINED BY METHOD 9 OR THE OPACITY MONITORING SYS.
EACT FOR PM REPRESENTS BACT FOR LEAD. TRACE EQUALS LESS THAN 0.1 T/YR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1993

05/21/1985

1030.00 MW

SOMERSET, MA

DATE OF PERMIT ISSUANCE-- 11/01/80
ESTIMATED DATE OF START-UP-- 1980
(617)-727-1440
(PHONE)

VAUGHAN STEEVES
(AGENCY CONTACT PER

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL E

... & BASIS
... PCT EFF

10625.00 MNBTU/H

5

1.2100 LB/MMBTU MONTHLY AV

RACT

ΣΩ

0.0800 LB/MMBTU

RACT

NOX

•

0 MW, & 580 MW. VOLUNTARY COAL CONVERSION.
0.010 LB/MMBTU FOR UNITS 1 - 3, RESPECTIVELY. THREE UNITS COMBINED - 250 MW, 25
0.016 LB/MMBTU, 0.034 LB/MMBTU, & 0.034 LB/MMBTU. TESTED AT 0.034 LB/MMBTU.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

ID NUMBER MA-0006

SOURCE	TYPE	CODE	1-1
1	1	1	1

INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

7934.00 MMBTU/H

EXTERNAL COMBUSTION - COAL

WHEATFIELD, IN

COMPANY NAME/SITE LOCATION NORTHERN INDIANA PUBLIC SERVICE CO.

DETERMINATION IS BACT FOR A NEW SOURCE.
 PERMIT NO. EPA-5-A-80-18
 DETERMINATION MADE BY EPA REGION V
 (AGENCY)

DATE OF PERMIT ISSUANCE-- 03/31/80
 ESTIMATED DATE OF START-UP--
 (312)-986-6054
 (PHONE)

BONIFACE THAYIL
 (AGENCY CONTACT PERSON)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
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BOILERS, COAL-FIRED, 2 EA	3967.00 MMBTU/H			
---------------------------	-----------------	--	--	--

PM	0.0300 LB/MMBTU			99.73
SO2	0.6200 LB/MMBTU			90.00
NOX	0.6000 LB/MMBTU			

FUGITIVE EMISSIONS, CRUSHER HOU*

FUGITIVE EMISSIONS, CONVEYORS

FUGITIVE EMISSIONS, FLYASH & HA*

PM

PM

PM

BAGHOUSE

ENCLOSED COAL CONVEYORS

BAGHOUSE
 WETTED COAL

NOTES -----

TWO BOILERS UNDER PERMIT. TRUCKS UTILIZED FOR ASH DISPOSAL SHALL BE COVERED.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983

PAGE 6-- 71

ID NUMBER IN-0003

SOURCE TYPE CODE 1.1

05/21/1985

1600.00 MW

BECKER, MIN

SHERBURNE COUNTY

DATE OF PERMIT ISSUANCE-- 04/25/77
ESTIMATED DATE OF START-UP--
(312)-826-6054
(PHONE)

THROUGHPUT
CAPACITY

POLLUTANT EMITTED	EMISSION LIMITS CONTROL
CO	1.0 gpm
HC	1.0 gpm
NO _x	1.0 gpm
PM	1.0 gpm
SO _x	1.0 gpm
Other	1.0 gpm

... & BASIS
... PCT EFF

MM 00.00 MW

PM
SO2

0.1000 LB/MMBTU
1.2000 LB/MMBTU

NSPS NSPS

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1933

ID NUMBER MN-0007

SOURCE TYPE CODE 1.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE
EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION NSPS COAL/WATER MIXTURE DEMO PROJECT

SOUTHPOINT, OH

LAWRENCE COUNTY

DETERMINATION IS
PERMIT NO. 07-107
DETERMINATION MADE BY
PORTSMOUTH
(AGENCY)

FRANK PHILLIPS
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1984
(614)-353-5153
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
P001	2.80 MMSTU	PM	0.0310 GR/DSCF FABRIC FILTER	NSPS 99.99
		VE	20.0000 % OPACITY	NSPS
P002	2.80 MMSTU	PM	0.0310 GR/DSCF FABRIC FILTER	NSPS 99.99
		VE	20.0000 % OPACITY	NSPS
P003	2.80 MMSTU	PM	0.0310 GR/DSCF FABRIC FILTER	NSPS 99.99
		VE	20.0000 % OPACITY	NSPS

NOTES -----
EXCEPT FOR COAL RECEIVING AND TRANSFER TO PULVERIZER ALL OF PROCESS IS ENCLOSED BY PIPES, TANKS, ETC. MOST OF PROCESS COAL IS
MIXED WITH WATER. BAGHOUSES SEPERATE TRANSFER AIR FROM PRODUCT - APPROX. 99% OF TRANSFER
AIR FROM BAGHOUSE WILL BE RECIRCULATED. ALSO PERMIT NUMBER 07-44-00-0094.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 12/29/1984

PAGE 6-- 73

ID NUMBER OH-0063

SOURCE TYPE CODE 1.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL 635.00 MM

COMPANY NAME/SITE LOCATION NY STATE ELECT. & GAS - CYUGA STATION

SOMERSET, NY

NIAGARA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

DATE OF PERMIT ISSUANCE-- 06/29/81

PERMIT NO.

ESTIMATED DATE OF START-UP-- 1986

DETERMINATION MADE BY EPA REGION II

BARRY TORNICK

(212)-264-9579

(AGENCY)

(AGENCY CONTACT PERSON)

(PHONE)

PROCESSES SUBJECT TO THIS PERMIT

THROUGHPUT CAPACITY

POLLUTANT EMITTED

EMISSION LIMITS

CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS ... PCT EFF

MAIN BOILER

1750.00 MMBTU/H

PM

0.0300 LB/MMBTU

BACT

SO2

0.7000 LB/MMBTU

BACT

NOX

0.6000 LB/MMBTU

90.00 BACT

FGD & S<3.6% BY WT. FGD & S<3.6% BY WT. GOOD DESIGN & COMBST PRACT.

CO

GOOD COMBST PRACT.

BACT

F

FGD SYSTEM

BACT

PB

ESP/FGD

BACT

HG

ESP/FGD

BACT

BE

ESP/FGD

BACT

AUXILIARY BOILERS, 2

195.00 MMBTU/H

SO2

USE OF #2 FUEL OIL

BACT

NOX

USE OF #2 FUEL OIL

BACT

COAL HANDLING 200000.00 T/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

PAGE 6- 74

ID NUMBER NY-0003

SOURCE TYPE CODE 1.1

(CONTINUED) NY STATE ELECT. & GAS - CYUGA STATION

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
LIMESTONE HANDLING		PM	FABRIC FILTER H2O SPRAY & ENCLOSED SYS.	BACT
		PM	FABRIC FILTER H2O SPRAY & ENCLOSED SYS.	BACT
FLYASH HANDLING		PM	FABRIC FILTER	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

PAGE G- 75 ID NUMBER NY-0003 SOURCE TYPE CODE 1.1

05/21/1985

550.00 MW

BEDROCK, OK

NOBLE COUNTY

DATE OF PERMIT ISSUANCE-- 10/05/81
ESTIMATED DATE OF START-UP-- 1986
(214)-767-1594
(PHONE)

JOHN BUNYAK
(AGENCY CONTACT PERSON)

POLLUTANT	EMISSION LIMITS	CONTROL E
EMITTED		

N LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

S02	0.4600	LB/M ³ BTU	FLUE GAS DESULFURIZATION EXCESS AIR	NSPS	70.00
NOX	0.5000	LB/M ³ BTU		NSPS	
CO	0.0640	LB/M ³ BTU		BACT	
PM	0.0300	LB/M ³ BTU		NSPS	99.60
			ESP OR BAGHOUSE		
			COM. CONTROLS & PROPER OPER.		

PM	2.8000 LB/H	BACT
	DUST COLLECTOR	93.00

DUST COLLECTOR

PM	3.4050 LB/H	BACT
	DUST COLLECTOR	98.00

PM 3.900 LB/H DUST COLLECTOR

PM 3.7000 LB/H DUST COLLECTOR

PM 5.8000 LB/ACRE
CHEMICAL & WATER STABILIZERS

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

ID NUMBER OK-0003

SOURCE	TYPE	CODE	1.1
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(CONTINUED) OKLAHOMA GAS & ELECT. CO.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIC ... PCT EFF
SAME PROCESS (CONTINUED)				

NOTES -----
OKLAHOMA GAS & ELECTRIC COMPANY, UNIT #3.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.	INITIAL REVIEW	POST STARTUP
	REVIEW STATUS: 04/01/1983	
PAGE 6- 77	ID NUMBER OK-0003	SOURCE TYPE CODE 1.1

05/21/1985

550.00 MW

MUSKOGEE, OK

DATE OF PERMIT ISSUANCE-- 03/30/78
ESTIMATED DATE OF START-UP--

JOHN BUNYAK
(AGENCY CONTACT PERSON)
(214)-767-1594
(PHONE)

THROUGHPUT
CAPACITY

550.00 MW

... & BASIS
... PCT EFF

S02	1.2000 LB/M ³ BTU	LOW S WESS
	6180.0000 LB/H	
PM	0.1000 LB/M ³ BTU	
	212.0000 LB/H	

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

ID NUMBER OK-0002

SOURCE	TYPE	CODE	1.1
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE

EXTERNAL COMBUSTION - COAL

500.00 MW

POINT OF ROCKS, WY

PACIFIC POWER & LIGHT

DETERMINATION IS BACT FOR A NEW SOURCE.
 PERMIT NO. CT-23
 DETERMINATION MADE BY WYOMING AGO
 (AGENCY)

DATE OF PERMIT ISSUANCE-- 12/01/75
 ESTIMATED DATE OF START-UP-- 1979
 (307)-332-3144
 (PHONE)

LEE GRIBOVICZ
 (AGENCY CONTACT PERSON)

PROCESSES SUBJECT
 TO THIS PERMIT

THROUGHPUT
 CAPACITY

POLLUTANT
 EMITTED

EMISSION LIMITS
 CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
 ... PCT EFF

BOILER, COAL

5020.00 MMBTU/H

SO2

0.2000 LB/MMBTU 2H AV

BACT

PM

0.1000 LB/MMBTU

FGO, HET SODIUM SCRUBBER

BACT

NOX

0.7000 LB/MMBTU

ESP
 DESIGN

BACT
 99.30
 BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

PAGE 6- 79

ID NUMBER WY-0012

SOURCE TYPE CODE 1.1

05/21/1985

37.00 MW

KETTLE FALLS, WA

PAUL BOYS
(AGENCY CONTACT)

DATE OF PERMIT ISSUANCE-- 09/22/81
ESTIMATED DATE OF START-UP--
(206)-442-1193
(PHONE)

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL E

... & BASIS
... PCT EFF

37.00 MW

PM 0.0070 GR/DSCF 12% CO2

ESP

88

107.3000 LB/H

204

H/BT 0005.9

NOX

0.1700 LB/MBTU

99.00

BACT

BACT

NOTES -----
GENERAL DESIGN CONTRIBUTES TO REDUCTION OF ALL POLLUTANTS AND INCLUDES 1) INCREASED BOILER HEIGHT FOR BETTER EFFICIENCY, 2) OVERFIRE AND UNDERFIRE AIR, 3) FEEDWATER HEATERS TO INCREASE EFFICIENCY.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

ID NUMBER WA-0001

SOURCE	TYPE	CODE	1.1
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL 625.00 MW ONE

COMPANY NAME/SITE LOCATION PENNSYLVANIA ELECT. CO.
CCHO-1

LAKE CITY, PA

ERIE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 78PA13

DETERMINATION MADE BY EPA REGION III
(AGENCY)

DAVID ARNOLD
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 08/18/81
ESTIMATED DATE OF START-UP-- 1989
(215)-597-7936
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
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UTILITY BOILER, COAL FIRED	6280.00 MMBTU/H	PM	0.0300 LB/MMBTU ESP	NSPS 99.70
----------------------------	-----------------	----	---------------------	------------

		SO2	0.6260 LB/MMBTU	BACT
--	--	-----	-----------------	------

		NOX	0.6000 LB/MMBTU	NSPS 99.00
--	--	-----	-----------------	------------

		CO	0.0400 LB/MMBTU	NSPS
--	--	----	-----------------	------

COAL AND ASH HANDLING

		PM		BACT
--	--	----	--	------

WET SUPPRESSION AND DUST COLLECTORS

NOTES -----
UP TO 40% SULFUR TO BE REMOVED BY COAL CLEANING PRIOR TO REACHING BOILER.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

PAGE 6- 81

ID NUMBER PA-0004

SOURCE TYPE CODE 1.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

2471.00 MMBTU/H

EXTERNAL COMBUSTION - COAL

SOURCE TYPE/SIZE

COMPANY NAME/SITE LOCATION PLAINS ELECT. GEN & TRANS

PREWITT, NM

MCKINLEY COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-NM-82
DETERMINATION MADE BY EPA REGION VI
(AGENCY)

JOHN BUNYAK
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/27/81
ESTIMATED DATE OF START-UP-- 1983
(214)-767-1594
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
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STEAM GENERATOR, COAL-FIRED 2471.00 MMBTU/H

PM	0.0300 LB/MMBTU	BAGHOUSE	NSPS		99.90
SO2	0.2000 LB/MMBTU	FLUE GAS DESULFURIZATION	BACT		90.00
CO	0.0630 LB/MMBTU	FIRE BOX DESIGN & COM. CONTROL	BACT		90.00
NOX	0.4500 LB/MMBTU	FIRE BOX DESIGN & COM. CONTROL	BACT		90.00
F	0.0010 LB/MMBTU		BACT		90.00

COAL HANDLING

STOCKPILING AND STORAGE

LIMESTONE HANDLING

FUGITIVE EMISSIONS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: 04/01/1983

INITIAL REVIEW POST STARTUP

PAGE G- 82

ID NUMBER NM-0002

SOURCE TYPE CODE 1.1

(CONTINUED) PLATTE RIVER PWR-RAMHIDE

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
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SAME PROCESS (CONTINUED)

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1993

ID NUMBER CO-0012
SOURCE TYPE CODE 1.1

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

05/21/1985

37.50 MW

၁၂

DATE OF PERMIT ISSUANCE-- 02/28/85
ESTIMATED DATE OF START-UP--

TOM PAXSON
(AGENCY CONTACT PERSON)

... & BASIS
... PCT EFF

LB/MIBTU

LS/MSU
NLSM/57

L A E R

IF LOWER EMISSION LIMIT FOR EITHER POLLUTANT IS ACHIEVED IN PRACTICE, SUCH LOWER EMISSIONS WOULD BE IMPOSED AS SPECIFIC LIMITING CONDITIONS CONSTITUTING LAER. OPERATING CONDITIONS 24 H/D, 7 D/WK, 52 WK/YR.

	INITIAL REVIEW	POST STARTUP REVIEW STATUS:
--	----------------	-----------------------------

ID NUMBER CA-0092

SOURCE	TYPE	CODE	1.1
1	2	3	4

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

350.00 MW

EXTERNAL COMBUSTION - COAL

SOURCE TYPE/SIZE

ST. JOHNS, AZ

COMPANY NAME/SITE LOCATION SALT RIVER PROJECT CORONADO STATION UNIT*

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) AZP76-1
DETERMINATION MADE BY EPA REGION IX
(AGENCY)

JIM HANSON
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/10/78
ESTIMATED DATE OF START-UP--
(415)-974-8038
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

STEAM GEN. UNIT

350.00 MW

PM 0.0820 LB/MMBTU

ESP

SO2 0.6000 LB/MMBTU

NOX 0.7000 LB/MMBTU

WET LIMESTONE SCRUBBER

64.00
NSPS

NOTES -----

COAL CONVEYING SYS WILL BE ENCLOSED AND DUST SUPPRESSANT ADDED AT TRANSFER POINTS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1993

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ID NUMBER AZ-0004

SOURCE TYPE CODE 1.1

05/21/1985

890.00 MW

ROCKDALE, TX

MILAM COUNTY

DATE OF PERMIT ISSUANCE-- 09/20/77

ESTIMATED DATE OF START-UP--

(214)-767-1594
(PHONE)

POLLUTANT
EMITTEDEMISSION LIMITS
CONTROL E

... & BASIS
... PCT EFF

890.00 M4

205

1.2000 LB/MMBTU
6827.0000 LB/H

三

0.1000 LB/MHBTU
FGD
ESP

70.00

99.80

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

ID NUMBER TX-0007

SOURCE	TYPE	CODE	1.1
1	1	1	1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

530.50 MW

EXTERNAL COMBUSTION - COAL

SOURCE TYPE/SIZE

VALMY, NV

COMPANY NAME/SITE LOCATION SIERRA PACIFIC POWER CO.

DETERMINATION IS BACT FOR A NEW SOURCE.
 PERMIT NO. (REGION FILE NO.) NV 77-02
 DETERMINATION MADE BY EPA REGION IX (AGENCY)
 DAVID SOLOMON
 (AGENCY CONTACT PERSON)
 DATE OF PERMIT ISSUANCE-- 04/04/78
 ESTIMATED DATE OF START-UP-- 1983
 (415)-974-8066
 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILERS, COAL FIRED, 2	277.00 MW	SO2 NOX PM	1.2000 LB/MMBTU 0.7000 LB/MMBTU 0.1000 LB/MMBTU CAGHOUSE	99.75

NOTES -----
 EMISSION LIMITS APPLY TO EACH UNIT SEPERATELY. BASIS DETERMINED BY NAPS AND PSD CLASS II INCREMENT CONSIDERATIONS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
 INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983 02/13/1984
 ID NUMBER NV-0002
 SOURCE TYPE CODE 1.1
 PAGE 6- 89

05/21/198:

235.00 MH

SIXESTON, MO

SCOTT COUNTY

DATE OF PERMIT ISSUANCE-- 07/14/77
ESTIMATED DATE OF START-UP--

CHARLES WHITMORE
(AGENCY CONTACT PERSON)

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL E

... & BASIS
... PCT EFF

235.00 MIN

502

1.2000 LB/MMBTU

WET LIMESTONE SCRUBBER

0.1000 LB/METU

DSB
LB/M

BACT

BACT

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

ID NUMBER MO-0033

SOURCE	TYPE CODE	1.1
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
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90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

05/21/1985

567.00 MW, 2 EA

SUDAN, TX

LAMB COUNTY

TOM DIGGS
(AGENCY CONTACT)

DATE OF PERMIT ISSUANCE-- 03/30/78
ESTIMATED DATE OF START-UP--
(214)-767-1594
(PHONE)

THROUGHPUT
CAPACITY

POLLUTANT	EMISSION LIMITS	CONTROL E
EMITTED		

IN LIMITS	... & BASIS
CONTROL EQUIPMENT OR PROCESS MODIFICATION	... PCT EFF

567.00 MW

502

508.8000 LB/H

8.8000 LB/H
1.2000 LB/MMBTU
LCW SULFUR FUEL
0.1000 LB/MMBTU
FAERIC FILTER
SPRINKLE ROADS

98.60

NOTES -----
TWO UNITS, 567 MW EACH.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

PAGE 5-99

ID NUMBER TX-0006

SOURCE	TYPE	CODE	1.1
--------	------	------	-----

05/21/1985

348.00 MW (E7055)

NEAR HOLCOMB, KS

FINNEY COUNTY

DATE OF PERMIT ISSUANCE-- 05/19/80
ESTIMATED DATE OF START-UP--

DANIEL RODRIGUEZ
(AGENCY CONTACT PERSON)

... & BASIS
... PCT EFF

NOX	0.6000	LB/MMBTU	BACT
		STAGED COMBUST., LEA	
SO2	0.4600	LB/MMBTU 300 R AV	BACT
		LIME BASED DRY SCRUBBER	80.00
CO	0.0400	LB/MMBTU 300 R AV	BACT
PM	0.0300	LB/MMBTU	BACT
		FABRIC FILTER	

THE NOX LIMIT TAKES PRIORITY OVER THE CO LIMIT. IF NECESSARY THE CO LIMIT WILL BE ADJUSTED AFTER THE UNIT HAS BEEN PERFORMANCE TESTED. THE UNIT WILL BURN LOW S WYOMING COAL.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

ID NUMBER KS-0001

SOURCE	TYPE	CODE	1.1
--------	------	------	-----

(CONTINUED) SW ELECT. POWER

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
LIMESTONE STORAGE		PM	0.2000 LB/H CHEMICAL STABILIZER	

NOTES -----
NOX LIMIT FOR BOILERS IS 30 DAY ROLLING AVERAGE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.	INITIAL REVIEW	POST STARTUP
	REVIEW STATUS: 04/01/1983	
PAGE G- 93	ID NUMBER TX-0010	SOURCE TYPE CODE 1.1

05/21/1985

720.00 MW EA

NABORTION, LA 71156

DESOTO PARISH

DATE OF PERMIT ISSUANCE-- 09/01/81
ESTIMATED DATE OF START-UP--
(214)-767-1594
(PHONE)

JOHN BUNYAK
(AGENCY CONTACT PERSON)

THROUGHPUT
CAPACITY

EMISSION LIMITS
CONTROL E

IN LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

720.00 MW

S02 1.2000 LB/MMBTU
FGT

NSPS
76.05
NSPS

NOX 0.600 LB/MMBTU
LOW NOX BURNERS

NSFS

PM	0.1000 LB/MMBTU	BACT
	ESP	99.80
CO	0.8000 LB/MMBTU	BACT

BACT
99.80
BACT

720.00 MW

SO2 0.6000 LB/MMBTU
FGD

NSPS
89.50
NSPS

NOX
0.6000 LB/MMBTU
LOW NOX BURNERS

NSPS

PM	0.0300 LB/M ³ BTU	BACT
	ESP	99.80
CO	0.8000 LB/M ³ BTU	BACT

BACT
99.80
BACT

CO 0.8000 LB/MNBTU
EFFICIENT OPERATION

BACT

COAL HANDLING

SPRAY APPL. & DUST COLLECT.

NOTES -----

NOTES -----
UNIT 1 UNDER 40CFR PART 60 SUBPART D. UNIT 2 UNDER 40CFR PART 60 SUBPART DA. FUSITIVE DUST CONTROLLED BY WATER SPRAY DURING CO
NSTRUCTION

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

----- PAGE 6- 94

FILED NUMBER LA-0002

SOURCE	TYPE	CODE	1.1
1	2	3	4

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL 720.00 MM, 2 EA

COMPANY NAME/SITE LOCATION SW ELECT. POWER
2700 ONE MAIN PL.

DALLAS, TX 75250

DETERMINATION IS BACT FOR A NEW SOURCE.

DATE OF PERMIT ISSUANCE--

ESTIMATED DATE OF START-UP--

PERMIT NO.
DETERMINATION MADE BY EPA REGION VI
(AGENCY)

JOHN BUNYAK
(AGENCY CONTACT PERSON)

(214)-767-1594
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
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BOILER, COAL FIRED UNIT #1 6780.00 MMBTU/H

PM	203.0000	LB/H UNCONTROLLED	0.0300	LB/MMBTU	ESP	99.90
SO2	0.7200	LB/MMBTU	4882.0000	LB/H UNCONTROLLED	DESULFURIZATION SYS.	90.00
NOX	0.6000	LB/MMBTU	4068.0000	LB/H UNCONTROLLED	BURNER DESIGN	
CO	0.1300	LB/MMBTU	892.0000	LB/H UNCONTROLLED	BURNER DESIGN	

BOILER, COAL FIRED UNIT #2 6780.00 MMBTU/H

PM	203.0000	LB/H UNCONTROLLED	0.0300	LB/MMBTU	ESP	99.90
SO2	0.7200	LB/MMBTU	4882.0000	LB/H UNCONTROLLED	DESULFURIZATION SYS.	90.00
NOX	0.6000	LB/MMBTU	4068.0000	LB/H UNCONTROLLED	BURNER DESIGN	
CO	0.1300	LB/MMBTU	892.0000	LB/H UNCONTROLLED	BURNER DESIGN	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(CONTINUED) SW ELECT. POWER

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
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SAME PROCESS (CONTINUED)

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

PAGE 6- 96

ID NUMBER TX-0015

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE CODE 1.1

05/21/1985

720.00 MW

HALLSVILLE, TX

DATE OF PERMIT ISSUANCE-- 03/30/78
ESTIMATED DATE OF START-UP--
(214)-767-1594
(PHONE)

```

... & BASIS
... PCT EFF

```

720.00 MW

76.00

99.00

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

----- ID NUMBER TX-0001

SOURCE	TYPE	CODE	1.1
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE

 EXTERNAL COMBUSTION - COAL

 500.00 MM

 COMPANY NAME/SITE LOCATION

 S.C. PUBLIC SERVICE AUTHORITY
 CROSS SITE

 CROSS, SC

 BERKELEY COUNTY

DETERMINATION IS BACT
 PERMIT NO. P/C-08-190
 DETERMINATION MADE BY

 SOUTH CAROLINA DHEC
 (AGENCY)

 OTTO PEARSON
 (AGENCY CONTACT PERSON)

 DATE OF PERMIT ISSUANCE-- 12/03/81
 ESTIMATED DATE OF START-UP--
 (803)-758-5406
 (PHONE)

PROCESSES SUBJECT
 TO THIS PERMIT

 #3 GENERATOR

 THROUGHPUT
 CAPACITY

 500.00 MM

 POLLUTANT
 EMITTED

 PM

 0.0300 LB/MMBTU
 ESP

 SO2

 0.4100 LB/MMBTU
 LOW S COAL

 NOX

 0.6000 LB/MMBTU
 EQUIPMENT DESIGN & OPERATION

 CO

 0.0400 LB/MMBTU
 EQUIPMENT DESIGN & OPERATION

 NSPS
 99.80
 BACT
 85.00
 B/H

 BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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 ID NUMBER SC-0010

 REVIEW STATUS: 04/01/1983 04/02/1984

 INITIAL REVIEW POST STARTUP
 SOURCE TYPE CODE 1.1

05/21/1985

1600.00 MMSTU/H

TACOMA, WA

DATE OF PERMIT ISSUANCE-- 05/11/82
ESTIMATED DATE OF START-UP--
(206)-442-1597
(PHONE)

DAVID TETTA
(AGENCY CONTACT PERSON)

THROUGHPUT
CAPACITYPOLLUTANT
EMITTEDEMISSION LIMITS
CONTROL E

... & BASIS
... PCT EFF

1600.00 MMBTU/H

502

0.2300 LB/MBTU

367.0000 LB/H

DRY S

DRY SCRUBBER

85.00

502

1366.0000

T/YR

NOX

0.5000 LB/MMBTU

LB/MBTU

NOX

786.0000 LB/YR
2926.0000 T/YR

T/YR
LB/H

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

ID NUMBER WA-0006

SOURCE	TYPE	CODE	1.1
1	1	1	1

05/21/1985

425.00 MW

RUSKIN, FL 33601

HILLSBOROUGH COUNTY

BOB KING
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/15/81
ESTIMATED DATE OF START-UP-- 1981
(904)-488-1344
(PHONE)

THROUGHPUT
CAPACITY

POLLUTANT	EMISSION LIMITS	CONTROL E
EMITTED		

... & BASIS
... PCT EFF

425.00 MW

22

0.0300 LB/MMBTU
130.0000 LB/H

NSPS

205

0.8200 LB/MMBTU
3576.0000 LB/H

NSN
00-00

XON

0.6000 LB/HM3TU
2598.0000 LB/H

BACT

88

0.0140 LB/MYBTU
61.0000 LB/H

BACT

NOTES -----
BIG BEND STATION UNIT #4.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW	POST STARTUP
REVIEW STATUS: 04/01/1983	01/25/1984

PAGE G- 100

ID NUMBER FL-0003

SOURCE	TYPE	CODE	1.1
ECOD	ADL	ADRNOS	

05/21/1985

350.00 MW

SPRINGERVILLE, AZ

DATE OF PERMIT ISSUANCE-- 04/11/80
ESTIMATED DATE OF START-UP--

DAVID SOLOMON
AGENCY CONTACT F

THROUGHPUT
CAPACITY

POLLUTANT
EMITTEDEMISSION LIMITS
CONTROL E

... & BASIS
... PCT EFF

350.00 MW

X035

0.2160 LB/MMBTU
817.0000 LB/H

XCN

LB/M43TU

12

LB/M:BTU
BAGHOUSE

PSD INCREMENT COMPLIANCE AND NSPS USED IN THE DETERMINATION OF BACT EMISSION LIMITS.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

ID NUMBER AZ-0005

SOURCE	TYPE	CODE	1.1
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05/21/1985

700.00 MW

TUCSON, AZ

APACHE COUNTY

DATE OF PERMIT ISSUANCE-- 12/21/77

ESTIMATED DATE OF START-UP--

(415)-974-8066

(PHONE)

DAVID SOLOMON
(AGENCY CONTACT F

THROUGHPUT
CAPACITYPOLLUTANT
EMITTED

EMISSION LIMITS
CONTROL E

... & BASIS
... PCT EFF

550.00 MM EA

五

0.0340 LB/MMBTU

HOT SIDE ESP

BACT

502

0-6900 LB/M3TU

01EJW/B71

BACT

400

LET TIME

WET TIME SCRUBBER

64.00

COAL HANDLING

PM

SPRAY APPLIC. & DUST COLLECT

BOTTOM ASH

三

HYDRAULIC CONVEYANCE

FLY ASH

14

PNEUMATIC CONVEYANCE

NOTES

DETAILED CONTROL STRATEGIES FOR THESE FACILITIES IS GIVEN IN PERMIT. WET SUPPRESSION SHALL BE USED TO CONTROL FUGITIVE DUST DURING CONSTRUCTION. SAMPLING OF COAL IS REQUIRED. THIS DEGREE OF CONTROL WAS PROPOSED BY THE CO. IN ITS APPLICATION.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1963

PAGE G- 102

ID NUMBER AZ-0002

SOURCE	TYPE	CODE	1.1
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05/21/1985

200.00 MMBTU/H

PADACAH, KY 42001

MCCRACKEN COUNTY

DATE OF PERMIT ISSUANCE-- 04/14/80
ESTIMATED DATE OF START-UP-- 1982
(502)-564-3382
(PHONE)

... & BASIC
... PCT EFF

200.00 MMBTU/H

BACT
85.00

EACT
99.90

INITIAL REVIEW	POST STARTUP
REVIEW STATUS: 04/01/1983	02/13/1984

IC NUMBER KY-0007

-----	SOURCE	TYPE	CODE	1.1
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

230.00 MW

EXTERNAL COMBUSTION - COAL

SOURCE TYPE/SIZE

COMPANY NAME/SITE LOCATION TVA - PARADISE - DRAKESBORO
720 EDRCO BLDG.

, KY

MUHLENBURG COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. C-79-47
DETERMINATION MADE BY KENTUCKY DAPC
(AGENCY)

BILL DILLS
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 06/25/79
ESTIMATED DATE OF START-UP-- 1981
(502)-564-3382
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
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COAL CRUSHING PLANT	2000.00 T/H	PM	50.0000 T/YR	
---------------------	-------------	----	--------------	--

COAL WASHING PLANT	2000.00 T/H COAL	PM	325.2000 T/YR ALLOWABLE 136.5000 T/YR ACTUAL	LAER
--------------------	------------------	----	---	------

BAGHOUSE
ROTARY CAR DUMP

98.00

NOTES

THIS IS A NON ATTAINMENT AREA - DETERMINATION STATES - "SINCE TVA IS WILLING TO ACCEPT AN ALLOWABLE ... OF LESS THAN 50 TPY ...
. NO FURTHER ANALYSIS UNDER OFFSET POLICY IS REQUIRED."
ALSO COVERS PERMIT NUMBER C-81-073. THIS ADDITIONAL PERMIT IS LAER. ROTARY CAR DUMP 93% EFF.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983 02/13/1984

PAGE G- 104

ID NUMBER KY-0036

SOURCE TYPE CODE 1.1

05/21/1985

COMPANY NAME/SITE LOCATION	UTAH PRR & LT CO-HUNTER STATION NEAR CASTLE DALE	, UT	EMERY COUNTY

DATE OF PERMIT ISSUANCE-- 06/02/80
ESTIMATED DATE OF START-UP-- 1983
(303)-637-3763
(PHONE)

```

.. & BASIS
.. PCT EFF
-----

```

BACT
99.00

BACT
100.00

BACT
99.80

BACT	65.00
BACT	90.00
BACT	90.00

BACT
90.00

BACT
90.00

```

=====
INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 02/13/1984
=====
SOURCE TYPE CODE 1.1
=====

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ID NUMBER UT-0021

(CONTINUED) UTAH PWR & LT CO-HUNTER STATION

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
INACT STORAGE		PM	2.7000 LB/H ASPHALT + H2O	BACT 90.00
		PM	40.0000 LB/H SEAL. & COMP.	BACT 90.00
LIME T/S		VE	20.0000 % OPACITY	
		VE	20.0000 % OPACITY	BACT 99.80
SLUDGE MIX(ASH)		VE	20.0000 % OPACITY FF	BACT 90.80
		PM	1.0000 LB/H SPRAYS & ENC.	BACT 98.50
TRANS	2.50 MMT/YR	VE	20.0000 % OPACITY	
TRUCK UNLD		PM	0.1000 LB/H SPRAYS & ENC.	BACT 98.50
	2.50 MMT/YR	VE	20.0000 % OPACITY	

NOTES -----
CEM QA REQUIRED BY 40CFR, PART 60, SUBPART DA. BOILER EMISSION COMPLIANCE FOR SOX, NOX, OPACITY WILL BE DETERMINED BY CEM REPO
RTS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
===== ID NUMBER UT-0021
===== SOURCE TYPE CODE 1.1
=====

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 02/13/1984

PAGE 6- 106

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL 140000.00 LB/H

COMPANY NAME/SITE LOCATION U.S. NAVY - PUGET SOUND NAVAL SHIPYARD BREMERTON, WA

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. N/C 2545

DETERMINATION MADE BY PUGET SOUND APCA
(AGENCY)

HARRY WATTERS
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/25/84
ESTIMATED DATE OF START-UP-- 1987
(206)-344-7334
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
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BOILER, COAL/#2 OIL FIRED, RILE* 140000.00 LB/H STEAM

PM	0.0200 GR/SCF	3 BAGHOUSES		99.90
SO2	0.2300 LB/MMSTU,NOTE#1	SPRAY DRYER/SO2 ABSORB.		

NOTES

AT LOADS OF 50000 LB/H & BELOW, SO2 EMISSIONS IN ANY 1 HR PERIOD SHALL BE REDUCED BY AT LEAST 50%, SO2 EMISSIONS NOT TO EXCEED 1237 TONS PER CALENDAR YEAR, CEM FOR SO2 & O2 TO DETERMINE COMPLIANCE.
NOTE #1 -- UNLESS 84% OF SULFUR IS RECOVERED

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

05/21/1985

2258.00 MISTU/H

CHESAPEAKE, VA

DATE OF PERMIT ISSUANCE-- 07/27/84
ESTIMATED DATE OF START-UP-- 1985

JAMES LEHAN
(AGENCY CONTACT PERSON)
(804)-786-4867
(PHONE)

... & BASIS
... PCT EFF

1129.00 MM3TU/H

99.30

LB/MBTU

LB/MSU

COMBUSTION DESIGN PARAMETERS

LB/MMBTU

COMBUSTION DESIGN PARAMETERS

LB/M:BTU

COMBUSTION DESIGN PARAMETERS

ALL EMISSION LIMITS ARE PER BOILER.

INITIAL REVIEW POST STARTUP
:

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

ID NUMBER VA-0029

SOURCE	TYPE	CODE	1.1
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL 2080.00 MM

COMPANY NAME/SITE LOCATION WASHINGTON WATER POWER CO. , WA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-X-83-01
DETERMINATION MADE BY EPA REGION X
(AGENCY)

PAUL BOYS
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 11/17/82
ESTIMATED DATE OF START-UP-- 1984
(206)-442-1567
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CGS BOILER					
		SO2	0.2200 LB/MMBTU 300 R AV		
			1140.0000 LB/H 24H D AV		
		NOX	0.5000 LB/MMBTU SB. COAL		
			0.6000 LB/MMBTU BIT. COAL		
			LIMITS ARE 30 DAY ROLLIN AVG		
		PM	0.0300 LB/MMBTU		
		VE	20.0000 % OPACITY		
		CO	332.0000 LB/H		
		VOC	3.3200 LB/H		
		PB	0.2700 LB/H ANNUAL AV		
		BE	0.0200 LB/H ANNUAL AV		
		HG	0.0300 LB/H ANNUAL AV		
		F	1.1500 LB/H ANNUAL AV		
		SUL*	80.9000 LB/H ANNUAL AV		
ROTARY CAR DUMPER (COAL)		PM	0.0100 GR/DSCF		90.00
			BAGHOUSE		
ROTARY CAR DUMPER (LIMESTONE)		VE	5.0000 % OPACITY		
		PM	0.0100 GR/DSCF		90.00
			BAGHOUSE		
CONVEYORS		VE	5.0000 % OPACITY		
		PM	0.0100 GR/DSCF		99.00
			BAGHOUSE		

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983
ID NUMBER WA-0008
SOURCE TYPE CODE 1.1

(CONTINUED) WASHINGTON WATER POWER CO.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
COAL CONVEYOR DISCHARGE		VE	5.0000 % OPACITY	
		PM		
		VE	TELESCOPIC CHUTES/LOWERING WELL 20.0000 % OPACITY	75.00
COAL CONVEYOR TRIPPERS		PM	0.0100 GR/DSCF BAGHOUSE	
		VE	5.0000 % OPACITY	99.00
TRANSFER HOUSES		PM	0.0100 GR/DSCF BAGHOUSE	
		VE	5.0000 % OPACITY	99.00
COAL SUPPLY SYSTEM		PM	0.0100 GR/DSCF BAGHOUSE	
		VE	5.0000 % OPACITY	99.00
COAL SILOS		PM	0.0100 GR/DSCF BAGHOUSE	
		VE	5.0000 % OPACITY	99.00
LIMESTONE SILOS		PM	0.0100 GR/DSCF BAGHOUSE	
		VE	5.0000 % OPACITY	99.00
BOTTOM ASH DISPOSAL		PM		
		PM	FIXATED W/SCRUBBER SLUDGE	100.00
ROAD DUST		PM		
		PM	CHEM. STABILIZ., DESIGN & OPER. PRACT.	85.00
FLY ASH HANDLING & SILOS		PM	0.0100 GR/DSCF BAGHOUSE	
		VE	5.0000 % OPACITY	99.00
WASTE TREATMENT BLDG.		PM	0.0100 GR/DSCF BAGHOUSE	
		VE	5.0000 % OPACITY	99.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1933

(CONTINUED) WASHINGTON WATER POWER CO.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
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DEAD STORAGE

PM	20.0000 GR/DSCF
VE	SURFACE STABILIZATION 95.0000 % OPACITY

NOTES -----

THE PROPOSED CONTROL SYSTEM CONSISTS OF A LIMESTONE FGD SYSTEM FOR SO2 REMOVAL PRECEDED BY A BAGHOUSE (OR POSSIBLY AN ESP) FOR PARTICULATE REMOVAL. THE APPLICABLE TRACE MATERIALS WILL ALSO BE REMOVED TO SOME EXTENT BY THE PARTICULATE AND SO2 CONTROL SYSTEMS. NOX,CO,VOC ARE MINIMIZED BY COMBUSTION CONTROL (IE. EXCESS AIR CONTROL, ETC.). AND UNITS CITED ARE EMISSIONS PER UNIT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.	INITIAL REVIEW	POST STARTUP
	REVIEW STATUS: C4/01/1983	
PAGE 6- 111	ID NUMBER WA-0008	SOURCE TYPE CODE 1.1

05/21/1985

640.00 MW (NET)

OKLAUNION, TX

WILBERGER COUNTY

DATE OF PERMIT ISSUANCE-- 05/20/82

ESTIMATED DATE OF START-UP-- 1982

JAMES CROCKER

(AGENCY CONTACT PERSON)

POLLUTANT
EMITTED

EMISSION LIMITS

CONTROL EQUIPMENT OR PROCESS MODIFICATION

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... & BASIS
... PCT EFF

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6.80 MMBTU/H

0.0300 MMBTU
PM 0.0300 LB/MMBTU0.0300 LB/MMBTU
PM

SDSN

ESP

99.70

S02 0.5000 LB/MMBTU

NSDS

WET LIMESTONE SCRUBBER

70.00

NOX 0.5000 LB/MMBTU

LOW NOX BURNERS

COAL & LIMESTONE STORAGE/HANDLI*

PM 60.0000 LB/H

DUST CONTROL SYSTEM

NOTES -----

THIS IS A COAL FIRED BOILER BURNING LOW SULFUR COAL (.64% S WORST CASE).

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

ID NUMBER TX-0012

SOURCE TYPE CODE 1.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE

EXTERNAL COMBUSTION - COAL

1160.00 MW

COMPANY NAME/SITE LOCATION WISCONSIN ELEC. POWER CO., PLEASANT PRA*

, WI

KENOSHA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. EPA-5-76-A-1

DETERMINATION MADE BY EPA REGION V (AGENCY)

BONIFACE THAYIL (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 08/09/76
ESTIMATED DATE OF START-UP-- 1980
(312)-896-6054
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT

THROUGHPUT CAPACITY

POLLUTANT EMITTED

EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS ... PCT EFF

BOILER, COAL FIRED, 2 EA

580.00 MW

PM

0.1000 LB/MMBTU

NSPS

SO2

1.2000 LB/MMBTU COAL

NSPS

0.8000 LB/MMBTU OIL

LOW S FUEL -- <0.7% COAL, <0.5% OIL

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

PAGE G- 113

ID NUMBER WL-0030

SOURCE TYPE CODE 1.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE

EXTERNAL COMBUSTION - COAL

400.00 MW

COMPANY NAME/SITE LOCATION WISCONSIN POWER & LIGHT CO., EDGEWATER *

SHEBOYGAN, WI

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. EPA-5-77-A-3

DETERMINATION MADE BY EPA REGION V

(AGENCY)

BONIFACE THAYIL

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/26/77

ESTIMATED DATE OF START-UP--

(312)-886-6054

(PHONE)

PROCESSES SUBJECT TO THIS PERMIT

THROUGHPUT CAPACITY

POLLUTANT EMITTED

EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF

BOILER, COAL FIRED

400.00 MW

PM SO2

0.1000 LB/MMBTU 1.2000 LB/MMBTU

NSPS NSPS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP REVIEW STATUS: 04/01/1983

PAGE G- 114

ID NUMBER WI-0029

SOURCE TYPE CODE 1.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL 321.00 MM

COMPANY NAME/SITE LOCATION WISCONSIN PUBLIC SERVICE CORP., WESTON *

, WI

MARATHON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. EPA-5-77-A-4

DETERMINATION MADE BY EPA REGION V

(AGENCY)

BONIFACE THAYIL

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/11/77

ESTIMATED DATE OF START-UP--

(312)-886-6054

(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

BOILER, COAL FIRED

321.00 MM

PM
SO2

0.1000 LB/MMBTU
1.2000 LB/MMBTU

NSPS
NSPS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

PAGE G- 115

ID NUMBER WI-0026

SOURCE TYPE CODE

1.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

EXTERNAL COMBUSTION - COAL

120.00 MMBTU/H

SOURCE TYPE/SIZE

DECATUR, AL

COMPANY NAME/SITE LOCATION 3M CO.

DETERMINATION IS BACT FOR A NEW SOURCE.
 PERMIT NO. 712-0009-X019
 DETERMINATION MADE BY ALABAMA DEM (AGENCY)
 SUE ROBERTSON (AGENCY CONTACT PERSON)
 DATE OF PERMIT ISSUANCE-- 11/29/84
 ESTIMATED DATE OF START-UP-- 1986
 (205)-271-7861 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL-FIRED	120.00 MMBTU/H	PM	0.1000 LB/MMBTU BAGHOUSE	BACT 98.70 BACT
		SO2	1.5000 LB/MMBTU LCH S COAL	BACT
		NOX	0.7000 LB/MMBTU BOILER DESIGN & OPERATING PRACTICES	BACT
		CO	0.2000 LB/MMBTU BOILER DESIGN & OPERATING PRACTICES	SIP

NOTES -----
 DETERMINATION ALSO MADE BY TRI-COUNTY DISTRICT HEALTH SERVICE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
 ID NUMBER AL-0022
 REVIEW STATUS: INITIAL REVIEW POST STARTUP
 SOURCE TYPE CODE 1.1
 PAGE G- 116

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - OIL

COMPANY NAME/SITE LOCATION ANGUS PETROTECH

, CA

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 4132002-004

DETERMINATION MADE BY KERN COUNTY APCD
(AGENCY)

TOM PAXSON
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 11/29/83
ESTIMATED DATE OF START-UP--
(805)-861-3682
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS
... PCT EFF

BOILER, OIL FIRED

62.50 MMBTU/H

SO2

61.4000 LB/D

NOX

199.0000 LB/D

SODIUM BASED SCRUBBERS
LOW NOX BURNERS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIFM POST STARTUP

REVIEW STATUS:

PAGE 6- 117

ID NUMBER CA-0069

SOURCE TYPE CODE 1.2

05/21/1985

144.00 MM8TU/H

DAYTON, OH

DATE OF PERMIT ISSUANCE-- 07/01/85
ESTIMATED DATE OF START-UP-- 1985
(513)-225-4435
(PHONE)

(513)-225-4435
(PHONE)

THROUGHPUT
CAPACITYPOLLUTANT
EMITTEDEMISSION LIMITS
CONTROL E

... & BASIS
... PCT EFF

144.00 MMBTU/H

PM
SO2
VE

0.0800 LB/MMBTU
1.3000 LB/MMBTU
5.0000 % OPACITY

BACT
SIP
BACT

NOTES: MODELING INDICATED A NEED TO LIMIT FUEL OIL DAILY INPUT TO MINIMIZE IMPACT. A LIMIT OF 650. GAL/D WAS IMPOSED.

	INITIAL REVIEW	POST STARTUP REVIEW STATUS:
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ID NUMBER OH-0071

SOURCE	TYPE	CODE	1.2
1	1	1	1
2	2	2	2
3	3	3	3
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INITIAL REVIEW POST STARTUP

05/21/1985

81.90 MMBTU/H

PERRYVILLE, MD 21903

CECIL COUNTY

DATE OF PERMIT ISSUANCE-- 07/03/79

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EPA REGION III

BOB BLASZCZAK

(AGENCY CONTACT PERSON)

THROUGHPUT
CAPACITY

[illegible]

... & BASIS
... PCT EFF

81.90 MM8TU/H

205

355.1000 LB/H

S IN FUEL LIM. TO 1.3% BY WT

BACT

NOTES -----

355.1 LB/H, 3 BOILERS (2 EXISTING & 1 NEW) WITH COMMON STACK
NEVER BUILT - COMPANY OUT OF BUSINESS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

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ID NUMBER MD-0013

SOURCE	TYPE	CODE	1.2
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

62.50 MMBTU/H

EXTERNAL COMBUSTION - OIL

SOURCE TYPE/SIZE

, CA

COMPANY NAME/SITE LOCATION HOPCO

DETERMINATION IS LAER FOR A NEW SOURCE.
 PERMIT NO. 4099002-4099013
 DETERMINATION MADE BY KERN COUNTY APCD
 (AGENCY)
 TOM PAXSON
 (AGENCY CONTACT PERSON)
 DATE OF PERMIT ISSUANCE-- 12/04/84
 ESTIMATED DATE OF START-UP--
 (805)-861-3682
 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
STEAM GENERATOR, CRUDE OIL PROD*	62.50 MMBTU/H	PM	1.7000 LB/H	LAER 70.00
		SOX	2.1000 LB/H	LAER
		NOX	7.4000 LB/H	LAER
		NHHC	0.0000 LB/H	70.00
				LAER
				99.60

WET SCRUBBER

THERMAL DE NOX

VAPOR COLLECTION & INCINERATION

NOTES -----
 PROCESS OPERATION AT 80% OF DESIGN CAPACITY 24 H/D, 7 D/WK, 52 WK/YR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
 INITIAL REVIEW POST STARTUP
 REVIEW STATUS:
 SOURCE TYPE CODE 1.2
 ID NUMBER CA-0089

05/21/1985

185.00 MMBTU/H EA

TX 77001

DATE OF PERMIT ISSUANCE-- 01/16/80
ESTIMATED DATE OF START-UP--
(214)-767-1594
(PHONE)

... & BASIS
... PCT EFF

BACT

NO. 2 FUEL OIL -- < 0.5% SULFUR BY WT. CONTINUOUS OPERATION -- 8760 HR/YR

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

ID NUMBER TX-0013

SOURCE TYPE CODE 1.2

05/21/1985

[illegible]

JASPER COUNTY

DATE OF PERMIT ISSUANCE-- 08/16/79
ESTIMATED DATE OF START-UP--
(312)-886-6054
(PHONE)

BONIFACE THAYIL
(AGENCY CONTACT PER

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

SLIM17 NOISSIM3

IN LINE
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

GENERATOR, OIL FIRED, 2

502

XCN

PPM
LIMITED TO 0.8% S FUEL OIL

NOTES

EACH TURBINE RESTRICTED TO 2000 H/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

Page 6-122

ID NUMBER IN-0024

SOURCE	TYPE	CODE	1.2
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05/21/1985

18.00 MW

OROVILLE, CA

DATE OF PERMIT ISSUANCE-- 11/29/83

ESTIMATED DATE OF START-UP--

(415)-974-8235

(AGENCY CONTACT PERSON)

POLLUTANT
EMITTED

... & BASIS
... PCT EFF

307.10 MBTU/H

11.9000 LB/H

H/87
LB/H

COMBUSTION CONTROLS

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

ID NUMBER CA-0066

SOURCE	TYPE	CODE	1.3
--------	------	------	-----

05/21/1985

175.00 MLB/H

MIDLAND, MI

DATE OF PERMIT ISSUANCE-- 06/01/81
ESTIMATED DATE OF START-UP-- 1982
(517)-322-1333
(PHONE)

THROUGHPUT CAPACITY	POLLUTANT EMITTED
------------------------	----------------------

[illegible]

IN LIMITS	... & BASIS
CONTROL EQUIPMENT OR PROCESS MODIFICATION	... PCT EFF

175.00 MLB/H

XCN

0.2000 LB/MMBTU
BURNER DE

BURNER DESIGN & EX. AIR CONTROL

NOTES -----
3 NATURAL GAS-FIRED BOILERS.

INITIAL REVIEW	POST STARTUP
REVIEW STATUS: 04/01/1983	03/13/1984

ID NUMBER MI-0013

SOURCE TYPE CODE 1.3

05/21/1985

KANSAS CITY, MO

LARRY COLE
(AGENCY CONTACT PERSON)

NOX	0.2000	LB/HHSTU
SO2		MINIMIZE
VOC		MINIMIZE
PM		MINIMIZE
CO		MINIMIZE

ALLOWABLE FUELS ARE NATURAL GAS / #2 FUEL OIL.

SOURCE	TYPE	CODE	1.33
--------	------	------	------

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

2000.00 HP

EXTERNAL COMBUSTION - NATURAL GAS

SOURCE TYPE/SIZE

COMPANY NAME/SITE LOCATION SOUTHERN NAT. GAS

ENTERPRISE, MS

CLARKE COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-MS-036
DETERMINATION MADE BY MISSISSIPPI DNR
(AGENCY)

DATE OF PERMIT ISSUANCE-- 08/21/81
ESTIMATED DATE OF START-UP--
(601)-354-2550
(PHONE)

DWIGHT WILEY
(AGENCY CONTACT PERSON)

PROCESSES SUBJECT
TO THIS PERMIT

POLLUTANT EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

ENGINE, NAT. GAS 14000.00 CF/H N. G.

NOX 37.4000 LB/H
163.9000 T/YR

NSPS

CO 10.5000 LB/H
46.2000 T/YR
BOILER DESIGN & OPERATION
BOILER OPERATION & DESIGN

NSPS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

PAGE G- 126

ID NUMBER MS-0003

SOURCE TYPE CODE 1.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

EXTERNAL COMBUSTION - WOOD WASTE

155.62 MMBTU/H

COMPANY NAME/SITE LOCATION AFTON GENERATING CO.

AFTON, WY

DETERMINATION IS BACT FOR A NEW SOURCE.
 PERMIT NO. CT-433
 DETERMINATION MADE BY WYOMING AGD
 (AGENCY)

DATE OF PERMIT ISSUANCE-- 02/15/83
 ESTIMATED DATE OF START-UP-- 1984
 (307)-332-3144
 (PHONE)

LEE GRIBOVICZ
 (AGENCY CONTACT PERSON)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOOD & BARK WASTE	155.62 MMBTU/H	PM	0.0500 GR/DSCF AT 12% CO2 0.1000 LB/MMBTU	BACT
		CO	MULTICLONE & LOW ENERGY WET SCRUBBER 0.4400 LB/MMBTU	80.00 BACT
		VOC	COMBUSTION CONTROL 0.0900 LB/MMBTU	BACT
		NOX	0.2400 LB/MMBTU COMBUSTION CONTROL	BACT

NOTES -----
 AS PERMIT CONDITION, AN ADJACENT LUMBER MILL WILL DISCONTINUE USE OF 2 WOOD WASTE BURNERS, A WOOD CHIP FIRED BOILER, AND AN OIL FIRED BOILER.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE
EXTERNAL COMBUSTION - WOOD WASTE
140000.00 LB/H STEAM
COMPANY NAME/SITE LOCATION
COLLINS PINE CO.
CHESTER, CA
PLUMAS COUNTY

DETERMINATION IS BACT
PERMIT NO. SAC 84-02
DETERMINATION MADE BY
EPA REGION IX
(AGENCY)
DAVID SOLOMON
(AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 08/03/84
ESTIMATED DATE OF START-UP-- 1985
(415)-974-8240
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT
BOILER, #4
THROUGHPUT
CAPACITY
140000.00 LB/H STEAM
POLLUTANT
EMITTED
PM 9.7000 LB/H
VE 10.0000 % OPACITY
NOX 0.2000 LB/MMBTU
48.5000 LB/H
CO 0.3500 LB/MMBTU
84.8000 LB/H
MULTICLONE & ESP
BOILER DESIGN
BOILER DESIGN
... & BASIS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
ID NUMBER CA-0053
PAGE G- 128
REVIEW STATUS:
INITIAL REVIEW POST STARTUP
SOURCE TYPE CODE 1.4

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE
EXTERNAL COMBUSTION - WOOD WASTE

6.00 MW

COMPANY NAME/SITE LOCATION CO-GEN., INC.

COEUR D'ALENE, ID

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-X81-16
DETERMINATION MADE BY EPA REGION X
(AGENCY)

PAUL BOYS
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/15/83
ESTIMATED DATE OF START-UP-- 1983
(206)-442-1193
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	6.00 MW	PM	0.0340 LB/MMBTU 16.6000 T/YR	99.00 BACT
		NOX	ESP 0.1700 LB/MMBTU 88.2000 T/YR	
		CO	0.2200 LB/MMBTU 117.6000 T/YR	BACT
		VOC	0.0800 LB/MMBTU 117.6000 T/YR	BACT

NOTES

GENERAL DESIGN CONTRIBUTES TO REDUCTION OF OIL POLLUTANTS AND INCLUDES 1) INCREASED BOILER HEIGHT FOR BETTER EFFICIENCY, 2) OV
ERFIRE AND UNDERFIRE AIR, 3) FEEDWATER HEATERS TO INCREASE EFFICIENCY.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION CO-GEN., INC. COEUR D'ALENE, ID

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO.

DETERMINATION MADE BY IDAHO AQ3
(AGENCY)

CLINT AYER
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/15/83
ESTIMATED DATE OF START-UP-- 1983
(208)-334-5360
(PHCNE)

PROCESSES SUBJECT
TO THIS PERMIT

BOILER, WOOD FIRED

THROUGHPUT
CAPACITY 104.00 MBTU/H

POLLUTANT
EMITTED

EMISSION LIMITS

CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

PM	3.9500 LB/H	MULTICLONE & BAGHOUSE	98.40
CO	5.9000 LB/H		
NOX	19.0000 LB/H		

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

PAGE G- 130

ID NUMBER ID-0001A

SOURCE TYPE CODE 1.4

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE
EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION
HAYFORK COGENERATION PROJECT

, CA

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. TAC-012

DETERMINATION MADE BY

NORTH COAST UNITED AQMD

(AGENCY)

CHUCK SASSENATH

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/14/83

ESTIMATED DATE OF START-UP-- 1985

(707)-443-3093

(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

BOILER, WOOD WASTE

THROUGHPUT
CAPACITY

236.00 MMSTU/H

POLLUTANT
EMITTED

PM

0.0400 LB/MMSTU

NOX

0.1500 LB/MMSTU

CO

0.3500 LB/MMSTU

VOC

0.0700 LB/MMSTU

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS

99.30

COMBUSTION MODIFICATION

DESIGN

NOTES -----
STATE FILE # A320-024

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

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ID NUMBER CA-0070

SOURCE TYPE CODE 1.4

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - WOOD WASTE 50.00 MM

COMPANY NAME/SITE LOCATION MCKEIL GENERATING STATION BURLINGTON, VT
BURLINGTON ELECTRIC LIGHT DEP*

DETERMINATION IS BACT FOR A NEW SOURCE. DATE OF PERMIT ISSUANCE-- 05/01/80
PERMIT NO. ESTIMATED DATE OF START-UP-- 1984
DETERMINATION MADE BY VERMONT AEC HAROLD GARABEDIAN (802)-828-3395
(AGENCY) (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
WOOD FIRED FURNACE	670.00 MMBTU/H	PM	0.0070 LB/MMBTU 0.0070 GR/DSCF AT 12% CO2 MEC. DUST COLLECTOR & ESP 80%-MEC COLLECT. & 99.5%-ESP	99.90

NOTES -----
418000 ACFM AT 310F-CYCLONES-LARGE DIA. CERAMIC-24 TUBE, 58 IN. DIAMETER, 12.3 FT LONG, DELTA P=3.4 IN. H2O, INLET VEL. 63.1FT /SEC-ESP-WEIGHTED WIRE TYPE ,TOTAL PLATE AREA 280000 SQ. FT.,SCA=672 SQ. FT./1000 ACFM, LINEAR VEL. 3 FT/SEC - 9 FIELDS, 119 GAS PASSAGES, 9 IN. PASSAGE SPACING, 45 FT GAS TRAVEL DISTANCE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983
PAGE G- 132 ID NUMBER VT-0002 SOURCE TYPE CODE 1.4

05/21/1985

IX

JIM CROCKER
(AGENCY CONTACT)

EMISSION LIMITS
CONTROL

PM	0.3000	LB/1111BTU CYCLONES
VOC	0.2000	LB/1111BTU
NOX	0.0800	LB/1111BTU
SO2	0.2000	LB/1111BTU
CO	1.1000	LB/1111BTU

NOTES -----

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

ID NUMBER TX-0145

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE
EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION
ULTRASYSTEMS
BLUE LAKE, CA

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. HAC-129

DETERMINATION MADE BY

NORTH COAST UNITED AQMD

(AGENCY)

CHUCK SASSENATH

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/12/84

ESTIMATED DATE OF START-UP-- 1980

(707)-443-3093

(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

BOILER, WOOD WASTE

THROUGHPUT
CAPACITY

162.00 MMBTU/H

POLLUTANT
EMITTED

PM

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

0.0450 LB/MMBTU

MULTICLONE/GRANULAR BED ELECTO-SCRUBBER

99.20

NOTES -----
STATE FILE A320-029

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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INITIAL REVIEW POST STARTUP
REVIEW STATUS:

ID NUMBER CA-0077

SOURCE TYPE CODE 1.4

05/21/1985

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
 PERMIT NO. _____
 DETERMINATION MADE BY EPA REGION VII
 (AGENCY)
 DANIEL RODRIGUEZ
 (AGENCY CONTACT PERSON)
 (616)-374-6525
 (PHONE)
 ESTIMATED DATE OF START-UP--
 DATE OF PERMIT ISSUANCE-- 11/05/79

NOTES -----

UPON STARTUP OF UNIT 8, SO2 EMISSIONS FROM EXISTING UNITS 5,6, AND 7 WILL BE REDUCED FROM PRE-MODIFICATION EMISSION LEVELS BECAUSE OF A PROJECTED VIOLATION OF THE 24HR SO2/NAAGS. SEE ICMA CONSENT ORDER 79-A-007. THE STACKS ON TWO EXISTING UNITS AND ON PROPOSED UNIT 8 ARE LESS THAN GEP STACK HEIGHT. UNIT #8 WILL BE CAPABLE OF BURNING UP TO 30% REFUSE-DERIVED FUEL. TWO ESP'S WILL BE INSTALLED, STACKED ONE ON TOP OF THE OTHER BECAUSE OF SPACE LIMITATION.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

	INITIAL REVIEW	POST STARTUP
REVIEW STATUS: 04/01/1983		
ID NUMBER IA-0006	SOURCE TYPE CODE	1.5

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05/21/1985

90.00 MW

COLUMBUS, OH

FRANKLIN COUNTY

BONIFACE THAYIL
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/16/79
ESTIMATED DATE OF START-UP--
(312)-886-6054
(PHONE)

POLLUTANT
EMITTED

EMISSION LIMITS

... & BASIS
... PCT EFF

0.1000 LB/MMBTU

0.1000 LB/MMSTU
0.09300 LB/MMSTU 6 BOILERS OPER.
1.1.4400 LB/MMSTU,<4 BOILERS OPER.
0.5000 LB/MMSTU
0.7000 LB/MMSTU COAL ONLY

NOTES -----

REFUSE MUST COMPRISE AT LEAST 50% OF THE TOTAL HEAT INPUT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

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ID NUMBER GH-0045

SOURCE	TYPE	CODE	1.5
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
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23	23	23	23
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25	25	25	25
26	26	26	26
27	27	27	27
28	28	28	28
29	29	29	29
30	30	30	30
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32	32	32	32
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34	34	34	34
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36	36	36	36
37	37	37	37
38	38	38	38
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41	41	41	41
42	42	42	42
43	43	43	43
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45	45	45	45
46	46	46	46
47	47	47	47
48	48	48	48
49	49	49	49
50	50	50	50
51	51	51	51
52	52	52	52
53	53	53	53
54	54	54	54
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88	88	88	88
89	89	89	89
90	90	90	90
91	91	91	91
92	92	92	92
93	93	93	93
94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

05/21/1985

COMPANY NAME/SITE LOCATION FLORIDA POWER & LIGHT
BARWICK ROAD

SANFORD, FL 32771

VOLUSIA COUNTY

DETERMINATION IS FOR A MODIFIED SOURCE.

DETERMINATION IS FOR A MODIFIED SOURCE.
 PERMIT NO. FL-047
 DETERMINATION MADE BY FLORIDA DER
 (AGENCY)
 ED PALAGYI
 (AGENCY CONTACT PERSON)
 (904)-488-1344
 (PHONE)
 DATE OF PERMIT ISSUANCE-- 02/20/80
 ESTIMATED DATE OF START-UP-- 1979

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT EMITTED	EMISSION LIMITS CONTROL
----------------------	----------------------------

... & BASIS
... PCT EFF

COAL PULVERIZERS

96000.00 LB/H

13

7.7000 LB/H
11.0900 T/YR

NSPS

96.96

NOTES -----

TEST FACILITY - 50/50 COAL/OIL FIRED UNIT.
TESTING COMPLETED, SOURCE NO LONGER EXISTS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW	POST STARTUP
REVIEW STATUS: 04/01/1983	01/25/1984
ID NUMBER FL-0014	SOURCE TYPE CODE 1.5

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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

4457.00 MMBTU/H

EXTERNAL COMBUSTION - MULTIPLE FUELS

SOURCE TYPE/SIZE

COMPANY NAME/SITE LOCATION GULF STATES UTILITY

WEST LAKE, LA

CALCASIEU PARISH

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) FSD-LA-305
DETERMINATION MADE BY EPA REGION VI
(AGENCY)

JOHN BUNYAK
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/24/81
ESTIMATED DATE OF START-UP--
(214)-767-1594
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
----------------------------------	---------------------	-------------------	--	----------------------------

TURBINE

1390.00 MMBTU/H

NOX	0.2700 LB/MMBTU OIL 0.2700 LB/MMBTU GAS	NSPS
CO	0.1300 LB/MMBTU OIL 0.0900 LB/MMBTU GAS	60.00 BACT
S02	0.6800 LB/MMBTU OIL 0.0010 LB/MMBTU GAS	BACT
PM	0.2100 LB/MMBTU OIL 0.0010 LB/MMBTU GAS	BACT
	LOW SULFUR FUEL (.7%) EFFICIENT COMBUSTION (.5% ASH)	

COAL GASIFIER

75.34 T/H COAL

NOX	0.0300 LB/T EXISTING INTERNAL CONTROLS	BACT
CO	0.6900 LB/T EXISTING INTERNAL CONTROLS	BACT
S02	0.1000 LB/T EXISTING INTERNAL CONTROLS	BACT
PM	0.0300 LB/T EXISTING INTERNAL CONTROLS	BACT

BOILER

1706.00 MMBTU/H

NOX	0.1900 LB/MMBTU COAL GAS 0.3000 LB/MMBTU OIL	BACT
	LOW BTU COAL GAS AS FUEL	56.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1993

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ID NUMBER LA-0004

SOURCE TYPE CODE 1.5

(CONTINUED) GULF STATES UTILITY

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
COAL GASIFIER	53.65 T/H COAL	CO	0.0080 LB/MMBTU COAL GAS	BACT
			0.0300 LB/MMBTU OIL	
		SO2	LOW BTU COAL GAS AS FUEL	BACT
			0.6200 LB/MMBTU COAL GAS	
			0.6600 LB/MMBTU OIL	
		PM	LOW BTU COAL GAS AS FUEL	BACT
			0.0300 LB/MMBTU COAL GAS	
			0.0100 LB/MMBTU OIL	
			LOW BTU COAL GAS AS FUEL	
		NOX	0.0100 LB/T	BACT
			RECYCLE PROCESS GAS	
		CO	0.0100 LB/T	BACT
		SO2	EFFICIENT COMBUSTION	BACT
TURBINE	1361.00 MMBTU/H		0.1900 LB/T	BACT
		PM	TAIL GAS FLARE	BACT
			0.0100 LB/T	
			NONE	
		NOX	0.2500 LB/MMBTU	NSPS
COAL DELIVERY			STEAM INJECTION	
		CO	0.0900 LB/MMBTU	DACT
		SO2	EFFICIENT COMBUSTION	BACT
			0.2100 LB/MMBTU	
		PM	LOW SULFUR FUEL (.7%)	BACT
CRUSHING/SCREENING			0.0010 LB/MMBTU	
			COAL GAS LOW ASH FUEL, 0.5%	
		PM	0.0800 LB/H	BACT
			WETTING	
		PM	0.1400 LB/H	BACT
PULVERIZING			BAGHOUSE	
		PM	0.0800 LB/H	BACT
			BAGHOUSE	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

442.00 MMBTU/H

EXTERNAL COMBUSTION - MULTIPLE FUELS

SOURCE TYPE/SIZE

HINES, OR

COMPANY NAME/SITE LOCATION HARNEY ELECT.

DETERMINATION IS BACT FOR A NEW SOURCE.
 PERMIT NO. (REGION FILE NO.) PSD-X81-12
 DETERMINATION MADE BY EPA REGION X
 (AGENCY)
 PAUL BOYS
 (AGENCY CONTACT PERSON)
 DATE OF PERMIT ISSUANCE-- 08/14/81
 ESTIMATED DATE OF START-UP--
 (205)-442-1193
 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILERS, 2	221.00 MMBTU/H EA	SO2	0.1800 LB/MMBTU DRY SCRUBBING	BACT 85.00
		NOX	0.5000 LB/MMBTU DRY COMBUSTION CONTROLS	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
 ID NUMBER OR-0001
 INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983
 SOURCE TYPE CODE 1.5

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - MULTIPLE FUELS 350.00 HP

COMPANY NAME/SITE LOCATION INTERNATIONAL PAPER CO.

, TX

DALLAS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 14163

DETERMINATION MADE BY TEXAS ACB

(AGENCY)

RANDY HAMILTON

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 02/04/84

ESTIMATED DATE OF START-UP-- 1984

(512)-451-5711

(PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF

BOILER, PACKAGE 14.60 MMBTU/H

PM	0.0100 LB/MMBTU	BACT
VOC	0.0020 LB/MMBTU	BACT
NOX	0.1000 LB/MMBTU	BACT
S02	0.2200 LB/MMBTU	BACT
CO	0.0300 LB/MMBTU	BACT

NOTES

EMISSION LIMITS ARE BASED ON OIL FIRING WHICH MAY BE USED AS BACK-UP. NATURAL GAS WILL BE PRIMARY FUEL. GAS FIRING EMISSIONS A RE - NEGLIGIBLE FOR PM, S02, VOC, AND CO, BUT 0.09 LB/MMBTU FOR NOX.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS:

INITIAL REVIEW POST STARTUP

05/21/1985

COMPANY NAME/SITE LOCATION	MULTITRADE GROUP, INC.	MARTINSVILLE, VA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
 PERMIT NO. 30529
 DETERMINATION MADE BY VIRGINIA APCB
 (AGENCY)
 TOM CREASY
 (AGENCY CONTACT PERSON)
 DATE OF PERMIT ISSUANCE-- 09/26/84
 ESTIMATED DATE OF START-UP-- 1985
 (804)-786-1433
 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL/WOOD FIRED, 2	112.50 MMBTU/H			
		PM	0.2000 LB/MMBTU	
			SEE NOTE	
		SO2	1.3800 LB/MMBTU	
			LOW S COAL, 0.9%	
		VOC	0.1400 LB/MMBTU	
			ENGINEERING DESIGN	
		NO2	0.5400 LB/MMBTU	
			ENGINEERING DESIGN	
		CO	0.4000 LB/MMBTU	
			ENGINEERING DESIGN	
				90.00

NOTES -----
TWO MULTICYCLONES IN SERIES ON EACH BOTLER WITH EACH SET OF MULTICYCLONES , 90% EFFICIENT, HAVING A 20% STREAM SEPARATOR, SHAVE OFF, TO A BAGHOUSE. ALL EMISSION LIMITS ARE PER BOILER.

	INITIAL	REVIEW	POST	STARTUP
REVIEW STATUS:				
(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.				
PAGE 6-	142	ID NUMBER	VA-0028	
		SOURCE	TYPE	CODE
				1.5

05/21/1985

COMPANY NAME/SITE LOCATION	POWER AUTHORITY STATE OF NEW YORK	STATEN, NY

DATE OF PERMIT ISSUANCE-- 02/22/82
ESTIMATED DATE OF START-UP-- 1987
(212)-264-9628
(PHONE)

6700.00 RUBT/H

AUX. BOILER 220.00 MMBTU/H

COAL CRUSHED
USE OF PRE-WASHED COAL

COOLING TOWER	VE	20.0000 % CAPACITY
	PM	0.0020 % OF H2O FLOW DRIET ELIMINATOR

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

ID NUMBER NY-0005

SOURCE	TYPE CODE
1.5	

(CONTINUED) POWER AUTHORITY STATE OF NEW YORK

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				

NOTES -----
CONTACT REGION 2 FOR DESIGN SPECIFICS FOR CONTROL DEVICES.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.	INITIAL REVIEW	POST STARTUP
PAGE G- 144	REVIEW STATUS: 04/01/1983	
	ID NUMBER NY-0005	SOURCE TYPE CODE 1.5

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - MULTIPLE FUELS

COMPANY NAME/SITE LOCATION STONE CONTAINER CORP.

HODGE, LA

JACKSON PARISH

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. PSD-LA-505

DETERMINATION MADE BY LAQD/EPA REGION VI (AGENCY)

BHARAT CONTRACTOR (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 06/02/83
ESTIMATED DATE OF START-UP-- 1984
(504)-342-8940
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY POLLUTANT EMITTED EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF

BOILER, COAL FIRED 1023.00 MBTU/H

S02	1227.6000 LB/H	1.2000 LB/MBTU	SINGLE-ALKALI FGD	B/N
PM	202.3000 LB/H	0.1000 LB/MBTU	ESP	95.00 NSPS
NOX	716.1000 LB/H	0.7000 LB/MBTU	BOILER DESIGN	99.00 B/N
CO	47.6000 LB/H	0.0465 LB/MBTU	BOILER DESIGN	BACT
VOC	14.3000 LB/H	0.0006 LB/H	BOILER DESIGN	BACT
BE	0.0006 LB/H	0.8000 LB/H	LOW S FUEL/STACK MONITOR	BACT
F	816.5000 LB/H	1.2000 LB/MBTU	ESP	B/N
S02	68.0000 LB/H	0.1000 LB/MBTU		NSPS
PM	0.1000 LB/MBTU			99.00

BOILER, COMBINATION, BARK/COAL * 680.40 MBTU/H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
REVIEW STATUS: INITIAL REVIEW POST STARTUP
ID NUMBER LA-0042
SOURCE TYPE CODE 1.5
PAGE 6- 145

(CONTINUED) STONE CONTAINER CORP.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)		NOX	476.3000 LB/H 0.7000 LB/MMBTU OVERFIRE AIR COMPARTMENT	B/N
		CO	420.4000 LB/H 0.6180 LB/MMBTU OVERFIRE AIR COMPARTMENT	BACT
		VOC	105.9000 LB/H OVERFIRE AIR COMPARTMENT	BACT
		BE	0.0003 LB/H OVERFIRE AIR COMPARTMENT	BACT
		F	3.7500 LB/H OVERFIRE AIR COMPARTMENT	BACT

NOTES -----
BASIS OF F LIMIT ON BOILER IS 100.0 PPM F IN COAL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.	REVIEW STATUS:	INITIAL REVIEW	POST STARTUP
PAGE G- 146	ID NUMBER LA-0042	SOURCE TYPE CODE	1.5

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

5.02 MMBTU/H

EXTERNAL COMBUSTION - OTHER

SOURCE TYPE/SIZE

PHILADELPHIA, PA

COMPANY NAME/SITE LOCATION AMERICAN PACKAGING CORP.
GRANT & ASHTON RDS

DETERMINATION IS BACT FOR A NEW SOURCE.

DATE OF PERMIT ISSUANCE-- 12/28/82
ESTIMATED DATE OF START-UP-- 1983
(215)-686-7893
(PHONE)

PERMIT NO. 82128
DETERMINATION MADE BY PHILADELPHIA AMS
(AGENCY)

THOMAS ELLIOTT, JR.
(AGENCY CONTACT PERSON)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

BOILER

5.02 MMBTU/H

PM

0.1000 LB/MMBTU
BAGHOUSE

BACT
90.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

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ID NUMBER PA-0031

SOURCE TYPE CODE 1.6

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE
EXTERNAL COMBUSTION - OTHER
161000.00 LB/H
FIREBAUGH, CA
FRESNO COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SJ 63-08
DETERMINATION MADE BY EPA REGION IX
(AGENCY)
MATT HABER
(AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/01/84
ESTIMATED DATE OF START-UP-- 1986
(415)-974-8209
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 2 EA	80500.00 LB/H BIOMASS	SO2	37.0000 LB/H 40.0000 PPM AT 3% O2 DRY SCRUBBER LIMIT ON FUEL S CONTENT IS 0.21 %.	89.00
		NOX	140.0000 LB/H CONTROL OF OVERFIRE & UNDER FIRE AIR	
		CO	309.0000 LB/H PROPER COMBUSTION	
		PM	0.0100 GR/DSCF BAGHOUSE	

NOTES -----
THE TOTAL PLANT HAS A NET ELECTRICAL GENERATING CAPACITY OF APPROX. 50 MW. ALL BACT IS DETERMINED BY TECH./ ECONOMICS. TSP LIM IT IS DISTRICT LAER. CEM'S REQUIRED FOR NOX, SO2, OPACITY. FINAL NOX PPM LIMIT WILL BE SET AFTER OPERATION COMMENCES.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
ID NUMBER CA-0062
PAGE G- 146
REVIEW STATUS: 04/19/1984
SOURCE TYPE CODE 1.6
INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - OTHER

COMPANY NAME/SITE LOCATION CONTINENTAL CARBON CO.

, TX

MOORE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. C-9011

DETERMINATION MADE BY

TEXAS ACB
(AGENCY)

JAMES CROCKER
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 11/04/82
ESTIMATED DATE OF START-UP-- 1981
(512)-451-5711
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

WASTE GAS DRYER

13.60 M3BTU/H

PM

2.2000 LB/H

NOX

5.8000 LB/H

SO2

69.1000 LB/H

INCIN. OF CARBON BLACK IN C. BLACK REACTOR

NOTES

100% EFF. IN REDUCING REDUCED SULFUR COMPOUNDS & HYDROCARBONS, A CORRESPONDING INCREASE IN SULFUR DIOXIDE EMISSIONS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: 05/04/1984

INITIAL REVIEW POST STARTUP

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ID NUMBER TX-0124

SOURCE TYPE CODE 1.6

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - OTHER

1500.00 MM

COMPANY NAME/SITE LOCATION HOUSTON LIGHTING & POWER

FARRAR, TX

LIMESTONE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. (REGION FILE NO.) PSD-TX-371

DETERMINATION MADE BY EPA REGION VI

(AGENCY)

JOHN BUNYAK

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/10/81

ESTIMATED DATE OF START-UP-- 1985

(214)-767-1594

(PHONE)

PROCESSES SUBJECT
TO THIS PERMITTHROUGHPUT
CAPACITY

BOILER, LIGNITE-FIRED, 2 EA 7863.00 MMBTU/H

EMISSION LIMITS

POLLUTANT CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS

EMITTED ... PCT EFF

PM

0.0300 LB/MMBTU

ELECTROSTATIC PRECIPITATOR

SEE NOTE

FLUE GAS DESULFURIZATION

TANGENTIAL FIRING, LOW NOX BURNER

CONTROLLED COMB. & O2 MON.

BOILER DESIGN

FLUE GAS DESULFURIZATION

FLUE GAS DESULFURIZATION

FLUE GAS DESULFURIZATION

MIST ELIMINATOR

WET SUPPRESSION

BAGHOUSE

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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ID NUMBER TX-0008

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

SOURCE TYPE CODE 1.6

(CONTINUED) HOUSTON LIGHTING & POWER

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
LIMESTONE LOADOUT		PM	0.0200 LB/H BAGHOUSE	BACT 99.80
LIMESTONE STORAGE PILE		PM	0.3700 LB/H TELESCOPIC CHUTE	BACT
LIMESTONE RECLAIM TUNNEL		PM	0.0200 LB/H BAGHOUSE	BACT 99.80
LIMESTONE FEED SILO, 3 EA		PM	0.0100 LB/H BAGHOUSE	BACT 99.80
FLYASH SILO		PM	0.1200 LB/H BAGHOUSE	BACT 99.80
FEED SILO, WASTE BLENDING		PM	0.1200 LB/H BAGHOUSE	BACT 99.80
PUSHMILL, WASTE BLENDING		PM	0.2100 LB/H BAGHOUSE	BACT 99.80

NOTES -----

PM LIMIT TO BE COMPUTED BY APPLICANT USING GRAPH DERIVED FROM NSPS (CONSIDER CONTROL EFFICIENCY AND FUEL SULFUR CONTENT). SULFURIC ACID MIST LIMIT APPLIES WHEN FIRING LIGNITE WITH UP TO 1.71 LB/MMBTU. OTHERWISE, 0.075 LB/MMBTU WHEN FIRING LIGNITE WITH MORE THAN 1.71 LB/MMBTU.

05/21/1985

8.50 MW

SACRAMENTO, CA

SACRAMENTO COUNTY

DATE OF PERMIT ISSUANCE-- 09/01/83
ESTIMATED DATE OF START-UP-- 1982
(916)-366-2107
(PHONE)

N LIMITS
CONTROL E

130.0000 : PMV AT 3% 02

PM 0.0253 GR/DSCF
BAGHOUSE

NOTES -----
ALSO PERMIT NUMBER 7369.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

	INITIAL REVIEW	POST STARTUP REVIEW STATUS:
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ID NUMBER CA-0071

SOURCE	TYPE	CODE	1.6
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05/21/1985

2010.00 T/D

OREGON CITY, OR

DATE OF PERMIT ISSUANCE--

ESTIMATED DATE OF START-UP--

(503)-229-5186

(AGENCY CONTACT PERSON)

[illegible]

2010.00 T/D

PM	0.0150	GR/DSCF BAGHOUSE	LAER 99.90 BACT
VOC	0.1200	LB/T GOOD COMBUSTION	BACT
SO2	0.5730	LB/T DRY SCRUBBER	SO2.00 BACT BACT
NOX HG	3.5800 0.0025	LB/T LB/T BAGHOUSE	BACT BACT
CO	1.4300	LB/T GOOD COMBUSTION	BACT
PB	0.0075	LB/T BAGHOUSE	BACT
F	0.0170	LB/T DRY SCRUBBER	BACT
HCL	0.6690	LB/T DRY SCRUBBER	70.00 BACT 90.00 BACT
TET*	0.0000	LB/T	BACT

THE FINAL PERMIT WAS NOT ISSUED BECAUSE APPLICATION WAS WITHDRAWN FOLLOWING DEFEAT OF THE PROJECT BY VOTE ON INITIATIVE. LIMITS ARE BASED ON PROPOSED PERMIT.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

ID NUMBER OR-0003

SOURCE	TYPE	CODE	1.6
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

80.00 MW

EXTERNAL COMBUSTION - OTHER

SOURCE TYPE/SIZE

COMPANY NAME/SITE LOCATION OCCIDENTAL GEOTHERMAL - OXY #1

, CA

LAKE COUNTY

DETERMINATION IS BACK FOR A NEW SOURCE.

PERMIT NO. NSR-4-4-1 NC-81-03

DETERMINATION MADE BY EPA REGION IX

(AGENCY)

MATT HABER

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/10/82

ESTIMATED DATE OF START-UP--

(415)-974-8209

(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

POWER PLANT

80.00 MW

125

8.0000 LB/H

STRETTFORD PROC..H2O2 TREAT., DESIGN

99.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983 04/04/1984

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ID NUMBER CA-0034

SOURCE TYPE CODE 1.6

05/21/1985

COMPANY NAME/SITE LOCATION	PACIFIC GAS & ELECTRIC CO., GEYSERS UNIT*
1. GEYSERS UNIT	
2. GEYSERS UNIT	
3. GEYSERS UNIT	
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100. GEYSERS UNIT	

DATE OF PERMIT ISSUANCE-- 07/27/82
ESTIMATED DATE CF START-UP--
(415)-974-8209
(PHONE)

THROUGHPUT
CAPACITY

2.00 MMLB/H STEAM

H25

10.4000 LB/H

STRETTFORD PROCESS & CATALYST SYS

BACT

	INITIAL REVIEW	POST STARTUP
REVIEW STATUS:	04/01/1983	04/04/1984

ID NUMBER CA-0029

SOURCE	TYPE	CODE	1.6
1	1	1	1
2	2	2	2
3	3	3	3
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99	99	99	99
100	100	100	100

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE
EXTERNAL COMBUSTION - OTHER
1500.00 MW
COMPANY NAME/SITE LOCATION
TEXAS UTILITIES GEN CO.
TWIN OAKS STATION
FRANKLIN, TX
ROBERTSON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PSD-TX-32
DETERMINATION MADE BY
EPA REGION VI
(AGENCY)
JOHN BUNYAK
(AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/22/77
ESTIMATED DATE OF START-UP--
(214)-767-1594
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT
LIGNITE FIRED STEAM
THROUGHPUT
CAPACITY
1500.00 MM
POLLUTANT
EMITTED
SO2
PM
EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS
... PCT EFF
1.2000 LB/MMBTU
FGD
0.1000 LB/MMBTU
ESP
71.90
99.50

NOTES -----
LIGNITE-FIRED

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983
ID NUMBER TX-0003
SOURCE TYPE CODE 1.6
PAGE 6- 156

05/21/1985

1500.00 MW

LIMESTON COUNTY

DATE OF PERMIT ISSUANCE-- 02/09/78

ESTIMATED DATE OF START-UP--

(214)-767-1594
(PHONE)

... & BASIS

CONTROL EQUIPMENT OR PROCESS MODIFICATION

1500.00 MW

1.2000 LB/MMBTU

74.00

0.1000 LB/MMBTU

99.00

NOTES -----
LIGNITE FIRED

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

ID NUMBER TX-0002

SOURCE TYPE CODE 1.6

05/21/1985

792.00 MM-BTU/H

HENDERSON, TX

RUSK COUNTY

DATE OF PERMIT ISSUANCE-- 01/17/78

ESTIMATED DATE OF START-UP--

(214)-767-1594

(AGENCY CONTACT PERSON)

THROUGHPUT
CAPACITY

750.00 MW

1.2000 LB/MMBTU

FGD

LB/MMBTU

753

NOTES -----

NOTED
EMISSIONS ARE E

LIGHTS FIRED

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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ID NUMBER TX- 3004

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/CI/1983

SOURCE	TYPE	CODE	1.6
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE

EXTERNAL COMBUSTION - OTHER

545.50 MMSTU HEAT INPUT

CLEHISTON, FL

COMPANY NAME/SITE LOCATION U.S. SUGAR CORP.

DETERMINATION IS BACT FOR A NEW SOURCE.
 PERMIT NO. AC 26-80930
 DETERMINATION MADE BY FLORIDA DER
 (AGENCY)

DATE OF PERMIT ISSUANCE-- 01/11/85
 ESTIMATED DATE OF START-UP-- 1986
 (904)-488-1344
 (PHONE)

WILLARD HANKS
 (AGENCY CONTACT PERSON)

PROCESSES SUBJECT
 TO THIS PERMIT

THROUGHPUT
 CAPACITY

POLLUTANT
 EMITTED

EMISSION LIMITS
 CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
 ... PCT EFF

BOILER

SEE NOTES

PM	0.1500 BTU/MMSTU INPUT, BAGASSE 0.1000 BTU/MMSTU INPUT, OIL		
SO2	0.2500 BTU/MMSTU INPUT BAGASSE 1.5000 % S OIL MAX		93.00
VE	& SEASON USAGE 500000 GAL MAX		
NOX	20.0000 % OPACITY MAX		
CO	O & M PLAN		
VOC	O & M PLAN		
	O & M PLAN		

NOTES

FACILITY HAS ONE FUEL STORAGE TANK & ALLOWED TO BURN 2.5% S OIL, FOR EVERY GALLON FIRED IN #4 BOILER THE NEXT FUEL OIL PURCHAS
 E MUST CONTAIN EQUAL GALLONS AT 1.5% S OIL. THROUGHPUT CAPACITY - 545.5 MMSTU INPUT USING BAGASSE FUEL
 & 225 MMSTU INPUT USING #6 OIL

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

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ID NUMBER FL-0034

SOURCE TYPE CODE 1.6

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - OTHER 2250.00 T/D

COMPANY NAME/SITE LOCATION WESTCHESTER COUNTY RESOURCE RECOVERY PECKSKILL, NY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO.

DETERMINATION MADE BY EPA REGION II

(AGENCY)

BARRY TORNICK

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 02/22/82

ESTIMATED DATE OF START-UP-- 1985

(212)-264-5579

(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCY EFF
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INCINERATORS, REFUSE FIRED, WAT* 750.00 T/D

PM	0.0300 GR/DSCF ESP			BACT 98.50
----	-----------------------	--	--	---------------

CO	0.6200 LB/T REFUSE AT 12% CO			BACT
----	---------------------------------	--	--	------

NOX	3.0000 LB/T REFUSE DESIGN, HIGH XS AIR, GOOD COMBUSTION			BACT
-----	--	--	--	------

SO2	0.0300 GR/DSCF ESP			BACT 98.50
-----	-----------------------	--	--	---------------

PB	0.0300 GR/DSCF ESP			BACT 98.50
----	-----------------------	--	--	---------------

HG	0.0300 GR/DSCF AT 12% CO			BACT 98.50
----	-----------------------------	--	--	---------------

BE	0.0300 GR/DSCF ESP			BACT 98.50
----	-----------------------	--	--	---------------

ASB*	0.0300 GR/DSCF AT 12% CO			BACT 98.50
------	-----------------------------	--	--	---------------

	0.0300 GR/DSCF ESP			BACT 98.50
--	-----------------------	--	--	---------------

	0.0300 GR/DSCF AT 12% CO			BACT 98.50
--	-----------------------------	--	--	---------------

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

PAGE 6- 150

ID NUMBER NY-0003

SOURCE TYPE CODE 1.6

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE REFUSE INCINERATION 975.00 T/D

COMPANY NAME/SITE LOCATION ARLINGTON/ALEXANDRIA WASTE-TO-ENERGY PLT ALEXANDRIA, VA

DETERMINATION IS PERMIT NO. 71895 DATE OF PERMIT ISSUANCE-- 10/04/84
 DETERMINATION MADE BY VIRGINIA APCB ESTIMATED DATE OF START-UP-- 1987
 (AGENCY) (AGENCY CONTACT PERSON) (804)-786-4367
 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY 975.00 T/D
 INCINERATOR, 3

POLLUTANT EMITTED	EMISSIO. LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FM	0.0350 GR/DSCF AT 12% CO ESP	BACT 99.00
VE	20.0000 % OPACITY	BACT
SO2	0.1200 % S CONTENT OF WASTE #6 FUEL OIL AS AN AUX. FUEL	LAER
VOC	NOTE #1	LAER
CO	NOTE #1	BACT
NOX	NOTE #2	BACT 99.00
PB	ESP	

NOTES -----
 NOTE #1 - COMBUSTION PARAMETERS - EXCESS AIR 65%, COMBUSTION TEMPERATURE 1832F. NOTE #2 - EACH INCINERATOR IS RATED AT 121.8 M
 HBTU/H - COMBINED TEMPERATURE BETWEEN 1500 - 2000F.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
 REVIEW STATUS: INITIAL REVIEW POST STARTUP
 ID NUMBER VA-0024 SOURCE TYPE CODE 2.1
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE REFUSE INCINERATION 2200.00 T/D

COMPANY NAME/SITE LOCATION CE - RESOURCE RECOVERY SYSTEMS

DETROIT, MI

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. 468-83
DETERMINATION MADE BY MICHIGAN DNR
(AGENCY)

DATE OF PERMIT ISSUANCE-- 11/09/84
ESTIMATED DATE OF START-UP-- 1987
(517)-322-1333
(PHONE)

RANDAL TELESZ
(AGENCY CONTACT PERSON)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

BOILER, 3, WATER WALL 45.70 T RDF/H EA

PM	0.0300 GR/DSCF AT 12% CO2 40.3000 LB/H ESP	LAER
SO2	457.1000 LB/H, NOTE #2	99.95 BACT
NOX	226.0000 LB/H	BACT
CO	249.0000 LB/H OPTIMUM COMB. COND. SPECIFIED	LAER
VOC	20.5000 LB/H OPTIMUM COMB. COND. SPECIFIED	BACT
VE	20.0000 % OPACITY CONTROLLED BY USE OF AUX. FUEL	BACT
PB	1.3700 LB/H SEE NOTE 4	BACT
HCL	294.0000 LB/H	BACT
HG	0.0700 LB/H	BACT
CD	0.0850 LB/H SEE NOTE 4	BACT
CHR*	3.5000 LB/H SEE NOTE 4	BACT
CHR*	0.0160 LB/H SEE NOTE 4	BACT
DIO*	4.3000 EE-3 LB/H SEE NOTE 5	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS:

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ID NUMBER MI-0039

SOURCE TYPE CODE 2.1

INITIAL REVIEW POST STARTUP

(CONTINUED) CE - RESOURCE RECOVERY SYSTEMS

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
		F	3.7500 LB/H	BACT

NOTES -----

NOTE 1-ONLY 2 BOILERS ARE IN OPERATING MODE AT ANY TIME. AUXILIARY FUEL USED IS #2 FUEL OIL W/0.30% BY WT SULFUR FUEL LIMIT. N
OTE 2-SO2 LIMIT BASED 0.25% BY WT SULFUR IN RDF. NOTE 3-EMISSION LIMITS ARE PER BOILER UNLESS OTHERWISE NOTED.
NOTE 4-CCTROL PROVIDED BY REMOVAL DURING FUEL PREPARATION & PARTIALLY BY THE ESP. NOTE 5-CONTROLLED BY MAINTAINING MIN. COMB.
CHAMBER TEMP. OF 1800F & MINIMUM RETENTION TIME OF 1.0 SECOND, AUX. FUEL IS USED AS REQUIRED.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

05/21/1985

4.80 T/H

CLEBURNE, TX

JOHNSON COUNTY

DATE OF PERMIT ISSUANCE-- 02/27/85
ESTIMATED DATE OF START-UP-- 1985
(512)-451-5711
(PHONE)

**JAMES RANDALL
(AGENCY CONTACT PERSON)**

THROUGHPUT
CAPACITY

1.60 T/H

POLLUTANT	EMISSION LIMITS	CONTROL E
EMITTED		

PM	22.2100	T/YR	ESP(S)
NOX	17.0800	T/YR	
CO	29.0000	T/YR	
SO2	5.2100	T/YR	
HCL	4.2000	T/YR	
PB	0.4800	T/YR	
VOC	7.0500	T/YR	

BACT 95.00
BACT
BACT
BACT
BACT
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BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

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TX-0153

SOURCE	TYPE	CODE	2.1
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54	54	54	54
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78	78	78	78
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80	80	80	80
81	81	81	81
82	82	82	82
83	83	83	83
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86	86	86	86
87	87	87	87
88	88	88	88
89	89	89	89
90	90	90	90
91	91	91	91
92	92	92	92
93	93	93	93
94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE REFUSE INCINERATION 330.00 T/D

COMPANY NAME/SITE LOCATION CCMERCE REFUSE-TO-ENERGY , CA

DETERMINATION IS PERMIT NO. 103550 DATE OF PERMIT ISSUANCE-- 05/08/84
 DETERMINATION MADE BY SOUTH COAST AQMD ESTIMATED DATE OF START-UP-- 1985
 (AGENCY) (AGENCY) T. HUNT (818)-572-6203
 (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MASS BURN, WATER W*	330.00 T/D	SOX	11.0000 LB/H 249.0000 LB/D	LAER
		NOX	40.0000 LB/H 966.0000 LB/D	80.00 LAER
		PM	6.0000 LB/H 74.0000 LB/D	50.00 LAER
			SPRAY DRYER	
			THERMAL DE-NOX & COMBUSTION MOD.	
			BAGHOUSE	
			COMBUSTION CONTROL	

NOTES -----
 OPERATES 24 H/D, 365 D/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
 REVIEW STATUS: INITIAL REVIEW POST STARTUP
 ID NUMBER CA-0107 SOURCE TYPE CODE 2.1
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE REFUSE INCINERATION

COMPANY NAME/SITE LOCATION DUTCHESS COUNTY RESOURCE RECOVERY Poughkeepsie, NY

DETERMINATION IS BACT FOR A NEW SOURCE.
 PERMIT NO. 134-001 0024
 DETERMINATION MADE BY NEW YORK DEC
 (AGENCY)
 JAMES HARRINGTON
 (AGENCY CONTACT PERSON)
 DATE OF PERMIT ISSUANCE-- 10/14/83
 ESTIMATED DATE OF START-UP-- 1987
 (518)-457-2018
 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ROTARY COMBUSTORS, 2, TOTAL	400.00 T/D				
		PM	0.0150 GR/DSCF, NOTE		BACT
			FABRIC FILTER		99.50
		SO2	50.0000 LB/H		BACT
			LOW S FUEL		
		NOX	50.0000 LB/H		BACT
			PROPER BOILER DESIGN		
		CO	26.0000 LB/H		BACT
			GOOD COMBUSTION CONTROL		
		HCL	6.6700 LB/H, NOTE		
			DRY VENTURI INJECTION		90.00
			LINE COATING FOR BAGHOUSE		

NOTES -----
 APPLICANTS ORIGINAL PROPOSAL FOR ESP AT 0.03 GR/DSCF WAS PRELIMINARILY ACCEPTED AS BACT. HOWEVER, DECISION TO USE DRY SCRUBBER /BAGHOUSE FOR ACID GAS CONTROL YIELDED ADDITIONAL PARTICULATE CONTROL. ACID GAS CONTROL WAS NOT A REQUIREMENT OF NYS DEC. PSD PERMIT WAS HELD UP BY ADMINISTRATIVE APPEAL. APPEAL WAS DENIED 12/4/84.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 01/17/1985

SOURCE TYPE CODE 2.1

ID NUMBER NY-0012

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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE REFUSE INCINERATION 1800.00 T/D RDF

COMPANY NAME/SITE LOCATION ENERGY ANSWERS CORP. ROCHESTER, MA
SENIASS PROJECT

DETERMINATION IS BACT FOR A NEW SOURCE. DATE OF PERMIT ISSUANCE-- 03/15/82
PERMIT NO. 025-120MA14 ESTIMATED DATE OF START-UP--
DETERMINATION MADE BY EPA REGION I JOHN COURCIER (617)-223-4448
(AGENCY) (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WATER-COOLED, 3 EA.	600.00 T/D RDF EA	PM	0.0500 GR/DSCF 12% CO2 ESP, 3-STAGE	BACT 96.00 BACT
		SO2	0.3400 LB/MMBTU	
			0.3000 % S BY WT, OIL	
		NOX	LCM S #2 FUEL OIL/LCW S RDF	BACT
			0.5000 LB/MMBTU	
			BOILER DESIGN	

NOTES -----
ALL BACT LIMITS WERE DETERMINED SIMPLY BY TECHNOLOGY AVAILABLE AND THE ECONOMIC IMPACTS OF OTHER CONTROLS.

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

2360.00 T/D

REFUSE INCINERATION

SOURCE TYPE/SIZE

COMPANY NAME/SITE LOCATION HOOKER ENERGY CORP.

NIAGARA FALLS, NY

NIAGARA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. NONE

DETERMINATION MADE BY EPA REGION II

(AGENCY)

BARRY TORNIC

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/23/81

ESTIMATED DATE OF START-UP-- 1982

(212)-264-9579

(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS

CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

RDF/COAL FIRED BOILERS 2360.00 T/D REFUSE

1.2000 LB/MMBTU COAL

0.6000 LB/MMBTU OIL

CONTROL METHOD: FUEL S CONTENT

0.7000 LB/MMBTU COAL

0.3000 LB/MMBTU OIL

CONTROL METHOD: TEMP & E.A.

0.1000 LB/MMBTU COAL

0.0700 LB/MMBTU OIL

0.0300 GR/DSCF REFUSE

20.0000 % OPACITY COAL

20.0000 % OPACITY OIL

20.0000 % OPACITY REFUSE

BACT

BACT

NOTES -----

COAL USE LIMITED TO 30 DAYS PER YEAR. COMBUSTION FUEL EMISSION LIMITS INTERPOLATED BASED ON FUEL MIXTURE RATIO.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

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ID NUMBER NY-0002

SOURCE TYPE CODE 2.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE REFUSE INCINERATION

COMPANY NAME/SITE LOCATION KATY SEGHERS

CLEARFIELD, UT

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. DATE OF PERMIT ISSUANCE-- 02/24/84
 DETERMINATION MADE BY UTAH BAQ (AGENCY) ESTIMATED DATE OF START-UP-- 1985
 (801)-533-6108 (PHONE)

DAVID KOPTA
 (AGENCY CONTACT PERSON)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY POLLUTANT EMISSION LIMITS ... & BASIS
 INCINERATOR & BOILER, WASTE HEAT 500.00 T/D CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

PM	0.0250 GR/DSCF AT 12% CO2	BACT
VE	ESP	98.00
	20.0000 % OPACITY	BACT
SO2	ESP	
	22.4000 LB/H	BACT
HCL	LIME SCRUBBER/INJECTION	50.00
	31.8000 LB/H	BACT
NOX	LIME SCRUBBER/INJECTION	50.00
	29.9000 LB/H	BACT
CO	COMBUSTION CONTROL	
	35.5000 LB/H	BACT
F	COMBUSTION CONTROL	
	1.1000 LB/H	BACT
HG	ESP	
	0.1200 LB/H	BACT
PB	ESP	
	0.2200 LB/H	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE REFUSE INCINERATION 1000.00 T/D
 COMPANY NAME/SITE LOCATION MCKAY BAY REFUSE-TO-ENERGY PROJECT TAMPA, FL 33602

DETERMINATION IS LAER FOR A NEW SOURCE.
 PERMIT NO. AC 29-47277
 DETERMINATION MADE BY FLORIDA DER
 (AGENCY) JOHN SVEC
 (AGENCY CONTACT PERSON) DATE OF PERMIT ISSUANCE-- 04/25/82
 ESTIMATED DATE OF START-UP-- 1984
 (904)-486-1344
 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY 1000.00 T/D WASTE
 MASS BURN FURNACES PM 0.0250 GR/DSCF AT 12% O2 LAER 99.00
 VE ESP
 CONTINUOUS OPACITY MONITOR

NOTES -----
 CONTINUOUS OPACITY MONITOR LIMITS TO BE DETERMINED DURING PERFORMANCE TESTING. FACILITY TO INCLUDE WASTE HEAT BOILERS AND TURBINE ELECTRICAL GENERATORS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
 INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983
 ID NUMBER FL-0030
 SOURCE TYPE CODE 2-1
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

1000.00 T/D

TAMPA, FL 33602

MCKAY BAY REFUSE-TO-ENERGY PROJECT

DETERMINATION IS BACT FOR A NEW SOURCE.
 PERMIT NO. (REGION FILE NO.) PSD FL-086
 DETERMINATION MADE BY FLORIDA DER
 (AGENCY)

JOHN SVEC
 (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/02/82
 ESTIMATED DATE OF START-UP-- 1984
 (904)-488-1344
 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
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MASS BURN FURNACES 1000.00 T/D WASTE

SO2	170.0000 LB/H	LOW SULFUR FUEL		
NOX	300.0000 LB/H	COMBUSTION TECHNIQUE		
VOC	9.0000 LB/H	COMBUSTION TECHNIQUE		
PB	3.1000 LB/H	ESP		98.00
F	6.0000 LB/H	NONE		
HG	0.6000 LB/H	ESP		98.00
BE	5.0000 G/D	ESP		

NOTES -----
 FACILITY DESIGN ALLOWS FOR FUTURE INSTALLATION OF A SCRUBBER SYSTEM; NSPS APPLIES TO THIS FACILITY. FURNACES-FOUR 250 TPD USIN G VOLUMD TECHNOLOGY, WASTE HEAT BOILERS & TURBINE GENERATORS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1985

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ID NUMBER FL-0030A

SOURCE TYPE CODE 2.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE REFUSE INCINERATION 600.00 T/D

COMPANY NAME/SITE LOCATION MUNICIPAL INCINERATOR PULASKI HWY BALTIMORE, MD 21237 BALTIMORE CITY COUNTY
PULASKI HIGHWAY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 78ND-09 DATE OF PERMIT ISSUANCE-- 01/25/80
DETERMINATION MADE BY EPA REGION III ESTIMATED DATE OF START-UP-- 1981
(AGENCY) ED VOLLBERG (215)-597-8390
(AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY 600.00 T/D MSW

PROCESS	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS
MUNICIPAL INCINERATOR	PM	0.0300 GR/DSCF 81.6000 T/YR	ESP	SIP
	SO2	35.1000 PFH 154.0000 T/YR	PROPER COMBUSTION TECHNIQUES	98.00 BACT
	CO	30.0000 PFH 127.0000 T/YR	PROPER COMBUSTION TECHNIQUES	BACT
	VOC	1.3000 PFH 5.5000 T/YR	PROPER COMBUSTION TECHNIQUES	BACT
	NOX	2.6000 PFH 11.4000 T/YR	PROPER COMBUSTION TECHNIQUES	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

PAGE G- 172 ID NUMBER MD-0002 SOURCE TYPE CODE 2.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

62.50 T/H WASTE

REFUSE INCINERATION

SOURCE TYPE/SIZE

NORTH ANDOVER, MA

COMPANY NAME/SITE LOCATION NESWC RESOURCE RECOVERY FACILITY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 029-121MA16

DETERMINATION MADE BY EPA REGION I

(AGENCY)

JOHN COURCIER

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/27/82

ESTIMATED DATE OF START-UP-- 1983

(617)-223-4448

(PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY 750.00 T/D EA, WAS* EMISSION LIMITS POLLUTANT EMITTED CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF

STEAM GENERATING UNITS, 2 INCIN* 750.00 T/D EA, WAS*

PM	0.0500	GR/DSCF AT 12% CO2 ESP	B/S
SO2	0.3400	LB/MMBTU	98.66 BACT
NOX	0.3200	LOW S FUEL - 0.3% S #2 OIL INCINERATOR DESIGN	BACT
CO	0.0700	LB/MMBTU INCINERATOR DESIGN	BACT
SOX	0.0200	LB/MMBTU INCINERATOR DESIGN	98.00 BACT
NOX	0.1550	LB/MMBTU BOILER DESIGN	BACT
CO	0.0350	LB/MMBTU BOILER DESIGN	BACT
SOX	0.0200	LB/MMBTU BOILER DESIGN	98.00 BACT
PM	0.1000	LB/MMBTU	B/S
SO2	0.3400	LB/MMBTU LOW S FUEL - 0.3% S #2 OIL	BACT

AUXILIARY BOILER, 1 19.60 MMBTU/H

NOTES ----- LIMITS ARE REDUCTION OVER AP-42 EMISSIONS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP REVIEW STATUS: 04/01/1983

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

180000.00 LB/D

REFUSE INCINERATION

SOURCE TYPE/SIZE

NORFOLK, VA

NORFOLK NAVAL SHIPYARD

COMPANY NAME/SITE LOCATION

DETERMINATION IS BACT
 PERMIT NO. 60326
 DETERMINATION MADE BY VIRGINIA APCB
 (AGENCY)
 JAMES LEHAN
 (AGENCY CONTACT PERSON)
 DATE OF PERMIT ISSUANCE-- 03/26/84
 ESTIMATED DATE OF START-UP--
 (804)-786-4867
 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT
 BOILER, 4
 THROUGHPUT CAPACITY
 180000.00 LB/D
 POLLUTANT EMITTED
 EMISSION LIMITS
 CONTROL EQUIPMENT OR PROCESS MODIFICATION
 ... & BASIS
 ... PCT EFF

PM	0.0700 LB/MMBTU	NOTE #1	PSD
SO2	1.2000 LB/MMBTU	0.83% SULFUR IN COAL	99.00 NSPS
NOX	0.7000 LB/MMBTU	NOTE #2	NSPS
CO	0.5300 LB/MMBTU	NOTE #3	PSD
VOC	0.0700 LB/MMBTU	COMBUSTION PARAMETERS	PSD
HFL	1.1000 LB/MMBTU		PSD
HCL	3.3000 LB/MMBTU		PSD

NOTES -----
 NOTE #1 - CYCLONE & BAGHOUSE IN SERIES FOR A SYSTEM GRAIN LOADING OF 0.015 GR/CU FT. NOTE #2 - RDF HAS LOW SULFUR CONTENT, EAC
 H UNIT IS DESIGNED TO MEET NSPS LIMITS WHEN BURNING COAL. NOTE #3 - EACH UNIT IS DESIGNED FOR LOW CO EMISSIONS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
 REVIEW STATUS:
 INITIAL REVIEW POST STARTUP
 ID NUMBER VA-0026
 SOURCE TYPE CODE 2.1
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE REFUSE INCINERATION 2010.00 T/D 3 UNITS

COMPANY NAME/SITE LOCATION N.E. MARYLAND WASTE DISPOSAL AUTHORITY BALTIMORE, MD 21230 BALTIMORE CITY COUNTY
1801 OLD ANNAPOLIS ROAD

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. 81MD01

DETERMINATION MADE BY

EPA REGION III
(AGENCY)

BOB BLASZCZAK
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/10/81
ESTIMATED DATE OF START-UP-- 1984
(215)-597-8186
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY EMISSION LIMITS POLLUTANT EMITTED CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF

WATER WALL, 3 EA INCINERATOR 2010.00 T/D

S02	335.0000 LB/H	BACT
	1259.0000 T/YR	
CO	109.0000 LB/H	BACT
	406.0000 T/YR	
NOX	227.0000 LB/H	BACT
	999.0000 T/YR	
F	4.2000 LB/H	BACT
	15.7000 T/YR	

NOTES

MARYLAND DEPT. OF HEALTH AND MENTAL HYGIENE PERFORMED LAER ANALYSIS FOR PARTICULATE MATTER. 0.019 GR/DSCF CORRECTED TO 12% CO IS BEING CONSIDERED (ESP). EMISSION RATES BASED ON REFUSE CHARACTERISTICS. PERMITTEE IS TO PROVIDE PROCEDURES TO ENSURE ACCEPTABLE WASTE BEFORE OPERATION

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE REFUSE INCINERATION

COMPANY NAME/SITE LOCATION OGDEN PROJECTS, INC.

, OK

DETERMINATION IS BACT
PERMIT NO. T84-23
DETERMINATION MADE BY

TULSA CITY-COUNTY HEALTH DEPT J. VAN SANDT
(AGENCY) (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 06/21/84
ESTIMATED DATE OF START-UP-- 1985
(916)-744-1030
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

INCINERATOR, SOLID WASTE, 2 EA 375.00 T/YR

PM	34.2000 LB/H	2 ESPS, SEE NOTE 2	BACT
SO2	100.9000 LB/H		98.00
NOX	103.1000 LB/H		BACT
VOC	4.6000 LB/H		BACT
CO	41.6000 LB/H		BACT
HG	0.0600 LB/H		BACT
HF	3.3000 LB/H		BACT

NOTES

NOTE 1 - SIC CODES 4931 & 4961 ARE ALSO INVOLVED BECAUSE STEAM & ELECTRICITY WILL BE SOLD TO INDUSTRY. NOTE 2 - PERFORMANCE STANDARDS OF 10% AVG. OPACITY PER CLOCK HOUR & 0.06 GR/DSCF CORRECTED TO 12% CO HAS BEEN IMPOSED.
NOTE - - UNITS SHOWN ARE FOR TWO INCINERATORS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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INITIAL REVIEW POST STARTUP
REVIEW STATUS: 06/15/1984

ID NUMBER OK-0021

SOURCE TYPE CODE 2.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

1050.00 T/D

PUBLIC WORKS & UTILITIES

, FL

PINELLAS COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. PA 83-18
DETERMINATION MADE BY

FLORIDA DER
(AGENCY)

BOB KING
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/27/84
ESTIMATED DATE OF START-UP-- 1986
(904)-468-1344
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

COMBUSTION SYS., MASS BURN, MAR* 1050.00 T/D

PM 0.0300 GR/DSCF CORR. TO 12% CO2

ESP

99.00

SO2 83.0000 LB/H

MSW SULFUR CONTENT

NOX 132.0000 LB/H

DESIGN

CO 66.0000 LB/H

DESIGN

PB 1.3000 LB/H

ESP

99.00

VE 10.0000 % OPACITY

NOTES -----

THIS IS A NEW UNIT ADDED TO TWO EXISTING UNITS, TOTAL NOW 3150 T/D. SOURCE IS LOCATED IN THE INFLUENCE OF, BUT DOES NOT IMPACT
, A PARTICULATE NONATTAINMENT AREA.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS:

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ID NUMBER FL-0053

SOURCE TYPE CODE 2.1

INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE REFUSE INCINERATION 100.00 T/D SOLID WASTE
 COMPANY NAME/SITE LOCATION REDDY CREEK IMPROVEMENT DIST LAKE BUENA VISTA, FL 32830 ORANGE COUNTY
 P.O. BOX 36

DETERMINATION IS BACT FOR A MODIFIED SOURCE. DATE OF PERMIT ISSUANCE-- 02/11/81
 PERMIT NO. PSD-FL-044 ESTIMATED DATE OF START-UP-- 1982
 DETERMINATION MADE BY FLORIDA DER ED PALAGYI (904)-488-1344
 (AGENCY) (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT THROUGHPUT POLLUTANT EMISSION LIMITS ... & BASIS
 TO THIS PERMIT CAPACITY EMITTED CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
 SLAGGING PYROLYSIS INCIN. 100.00 T/D CO 2.2600 LB/MMSTU BACT
 91.2000 LB/H FLUE GAS MONITORING SYS.

NOTES -----
 SOURCE SHUT-DOWN 01/01/83 INDEFINITELY DUE TO OPERATIONAL ECONOMICS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983 01/25/1984
 ID NUMBER FL-0007 SOURCE TYPE CODE 2.1
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE REFUSE INCINERATION 960.00 T/D RDF

COMPANY NAME/SITE LOCATION REFUSE FUELS, INC. LAWRENCE, MA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. 023-121MA12

DETERMINATION MADE BY EPA REGION I

(AGENCY)

JOHN COURCIER

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/23/81

ESTIMATED DATE OF START-UP-- 1982

(617)-223-4448

(PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY POLLUTANT EMISSION LIMITS ... & BASIS
FURNACE, WATER WALL, BALANCED DR* 960.00 T/D RDF CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

PM	0.0250 GR/DSCF	LAER
S	ESP, 5-FIELD, IN SERIES	98.00
	1.0000 % S OIL	BACT
	1.2000 LB/MMBTU RDF	
NOX	LOW S #6 OIL/LOW S RDF	
	0.7000 LB/MMBTU RDF	BACT
	0.3000 LB/MMBTU OIL	
	BOILER DESIGN	

NOTES

LAER REQUIRED ON ISP FOR NONATTAINMENT AREA IN LAWRENCE. BACT ON SO2 DETERMINED BY TECHNOLOGY AND ECONOMICS. BACT ON NO2 DETERMINED BY MEETING NSPS LIMITS FOR FOSSIL FUEL BOILERS.
1.2 LB/MMBTU EQUIV. TO 1.0 % S OIL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

200.00 MMBTU/H

REFUSE INCINERATION

SOURCE TYPE/SIZE

SAVANNAH, GA

COMPANY NAME/SITE LOCATION RESOURCE RECOVERY DEVELOPMENT AUTHORITY*

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 4953-025-8751

DETERMINATION MADE BY GEORGIA EPD

(AGENCY)

PAUL IZANT

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/05/84

ESTIMATED DATE OF START-UP-- 1987

(404)-656-4867

(PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY POLLUTANT EMISSION LIMITS ... & BASIS

CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

INCINERATOR, 2 EA

100.00 MMBTU/H

PM 0.0500 GR/DSCF AT 12% CO2

ESP

TECH

99.00

NOTE

WITHOUT CONTROL

SO2

48.0000 LB/H

NOTE

NOX

32.0000 LB/H

NOTE

FURNACE DESIGN, OPER. PROCEDURES

CO

37.8000 LB/H

NOTE

FURNACE DESIGN, OPER. PROCEDURES

PB

0.2000 LB/H

NOTE

ESP

HG

NOTE

ESP

HF

NOTE

1.2000 LB/H

NOTE

WITHOUT CONTROL

NOTES -----

NOTE - BASED ON MUNICIPAL SOLID WASTE (MSW) CHARACTERISTICS.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 08/31/1984

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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ID NUMBER GA-0017

SOURCE TYPE CODE 2.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE REFUSE INCINERATION 75.00 T/D 2 EA

COMPANY NAME/SITE LOCATION RESOURCES AUTHORITY

GALLATIN, TN

SUMMER COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO.

DETERMINATION MADE BY

TENNESSEE APCD
(AGENCY)

MERVAT AHMED
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 08/01/80
ESTIMATED DATE OF START-UP--
(615)-741-3651
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY 75.00 T/D EA

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS
... PCT EFF

BOILERS, 2 MUNICIPAL REFUSE BUR*

PM

0.0400 GR/SCF
SCRUB. & FABRIC FILTERS

NSPS
99.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1993

ID NUMBER TN-0012

SOURCE TYPE CODE 2.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

624.00 T/D

REFUSE INCINERATION

SOURCE TYPE/SIZE

BROOKS, OR

TRANS ENERGY

COMPANY NAME/SITE LOCATION

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 24-5398

DETERMINATION MADE BY

OREGON DEQ

(AGENCY)

WENDY JIMS

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/19/83

ESTIMATED DATE OF START-UP-- 1987

(503)-229-5259

(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

INCINERATOR, SOLID WASTE, 2 EA 312.00 T/D

PM 0.0300 GR/DSCF AT 12% CO2

61.0000 T/YR

BAGHOUSE, OR ESP

NOX

94.0000 LB/H

290.0000 T/YR

EQUIPMENT DESIGN & OPERATION

HCL

23.0000 LB/H

69.0000 T/YR

SCRUBBER

SO2

73.0000 LB/H

220.0000 T/YR

EQUIPMENT DESIGN & OPERATION

VE

10.0000 % OPACITY

SEE NOTE

CO

55.0000 LB/H

170.0000 T/YR

EQUIPMENT DESIGN & OPERATION

HG

0.1700 LB/H

0.5100 T/YR

EQUIPMENT DESIGN & OPERATION

VOC

3.1000 LB/H

9.6000 T/YR

EQUIPMENT DESIGN & OPERATION

PB

0.5200 LB/H

1.6000 T/YR

EQUIPMENT DESIGN & OPERATION

80.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/19/1984

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ID NUMBER CR-0004

SOURCE TYPE CODE 2.1

(CONTINUED) TRANS ENERGY

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
		FLU*	1.6000 LB/H 4.8000 T/YR	
			EQUIPMENT DESIGN & OPERATION	
		BE	2.9000 EE-6 LB/H 8.8000 EE-6 T/YR	
			EQUIPMENT DESIGN & OPERATION	
		TCDD	1.7000 EE-6 LB/H 5.1000 EE-6 T/YR	
			TEMPERATURE CONTROL	

NOTES -----
NOT TO BE EXCEEDED FOR MORE THAN 3 MINUTES IN ANY ONE HOUR PERIOD.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
PAGE G- 183
ID NUMBER OR-0004
REVIEW STATUS: 64/19/1934
SOURCE TYPE CODE 2.1
INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE REFUSE INCINERATION

COMPANY NAME/SITE LOCATION VICON RECOVERY SYSTEMS RUTLAND, VT

DETERMINATION IS PERMIT NO. DATE OF PERMIT ISSUANCE-- 03/20/84
 DETERMINATION MADE BY ENVIRONMENTAL CONSERVATION LARRY MILLER ESTIMATED DATE OF START-UP-- 1987
 (AGENCY) (AGENCY CONTACT PERSON) (802)-828-3395 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY POLLUTANT EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF

INCINERATOR, MUNICIPAL SOLID WA* 240.00 T/D
 PH 0.0200 GR/DSCF ESP BACT 99.50
 PB 0.0540 LB/T ESP BACT 99.50
 BE 2.1000 EE-5 LB/T ESP BACT 99.50
 ASB* 2.7000 EE-4 LB/T ESP BACT 99.50
 HCL 7.0000 LB/T ESP BACT 99.50
 SO2 2.4000 LB/T ESP BACT 99.50
 NOX 3.6000 LB/T ESP BACT 99.50
 HG 0.0150 LB/T ESP BACT 99.50

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SEWAGE SLUDGE INCINERATION

COMPANY NAME/SITE LOCATION CITY OF L.A., HYPERION, BUREAU OF ENGINEERING
CITY HALL LOS ANGELES, CA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) NSR-4-4-9 LA-82-02
DETERMINATION MADE BY EPA REGION IX
(AGENCY)

RICK SUGAREK
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/30/82
ESTIMATED DATE OF START-UP--
(415)-974-8224
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GAS TURBINE, 4, DIGESTER GAS FI*	8.00 MM EA	SO2	20.0000 PPM DRY BASIS NET SCRUBBER	BACT 90.00
THERMAL PROCESSING WASTE HEAT R*		SO2	20.0000 PPM DRY BASIS 9.2000 LB/H	BACT
		HG	2 STAGE WET SCRUBBER/VENTURI SCRUB COUNTER CURRENT TRAY TOWER 0.2890 LB/H	BACT
		BE	2 STAGE WET SCRUBBER FABRIC FILTER/2 STAGE WET SCRUBBER 0.0000 LB/H	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1933 04/04/1984
SOURCE TYPE CODE 2.2

ID NUMBER CA-0033

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SEWAGE SLUDGE INCINERATION 360.00 T/D SLUDGE

COMPANY NAME/SITE LOCATION COUNTY SANITATION DISTRICTS OF L.A. COU* CARSON, CA LOS ANGELES COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE. DATE OF PERMIT ISSUANCE-- 02/13/84
 PERMIT NO. LA 83-02 ESTIMATED DATE OF START-UP--
 DETERMINATION MADE BY EPA REGION IX JOE SLAMOVICH (415)-974-8235
 (AGENCY) (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY POLLUTANT EMISSION LIMITS ... & BASIS
 CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

COMBUSTOR, FLUIDIZED 68.17 MMBTU/H SO2 0.0600 LB/MMBTU LIMESTONE INJECTION/SPRAY DRYER 99.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
 REVIEW STATUS:

PAGE G- 186 ID NUMBER CA-0033A SOURCE TYPE CODE 2.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER SOLID WASTE DISPOSAL

COMPANY NAME/SITE LOCATION CREMATION SERVICES, INC.
1612 LEONARD ST.

CLEVELAND, OH 44113

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 13-1217

DETERMINATION MADE BY

CLEVELAND DAPC
(AGENCY)

IKE HABIB
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--
(216)-664-3508
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

INCINERATOR, PATHOLOGICAL WASTE 800.00 LB/H

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

PM
VE
CDOR

0.5800 T/YR
0.0000 % OPACITY
NONE

NOTES

INCINERATOR BURNS BODIES & INFECTIOUS WASTE FROM HOSPITALS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

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ID NUMBER OH-0055

SOURCE TYPE CODE 2.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER SOLID WASTE DISPOSAL

COMPANY NAME/SITE LOCATION DELAWARE SOLID WASTE AUTHORITY

WILMINGTON, DE

NEW CASTLE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 790E02

DETERMINATION MADE BY EPA REGION III

(AGENCY)

BOB BLASZCZAK

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/14/80
ESTIMATED DATE OF START-UP--
(215)-597-8186
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

AIR CLASSIFIER

PM

7.7000 LB/H
BAGHOUSE

BACT
99.90

AIR CLASSIFIER

PM

7.7000 LB/H

BACT

DUST CONTROL SYS

PM

5.2000 LB/H

BACT

GLASS RECOVERY

PM

6.2000 LB/H

BACT

AIR KNIFE

PM

3.8000 LB/H

BACT

SECONDARY AIR CLASSIFIER

PM

4.1000 LB/H

BACT

DRYER

PM

12.8000 LB/H

BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

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ID NUMBER DE-0003

SOURCE TYPE CODE 2.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER SOLID WASTE DISPOSAL

COMPANY NAME/SITE LOCATION DELAWARE SOLID WASTE II

WILMINGTON, DE

NEW CASTLE COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. 79DE02 II

DETERMINATION MADE BY EPA REGION III

(AGENCY)

BOB BLASZCZAK

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/14/80

ESTIMATED DATE OF START-UP--

(215)-597-8186

(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

DRYER

PM 0.4800 LB/H

BACT

DRYER

PM 1.0400 LB/H

BACT

BOILER

PM 0.0100 LB/H

BACT

BOILER

PM 0.0200 LB/H

BACT

HEATER

PM 0.0010 LB/H

BACT

VENTS, 3

PM 1.6000 LB/H

BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

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ID NUMBER DE-0003A

SOURCE TYPE CODE 2.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER SOLID WASTE DISPOSAL 16190.00 LB/BURNER
 COMPANY NAME/SITE LOCATION GABRIEL POWER CO. , CA FRESNO COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE. DATE OF PERMIT ISSUANCE-- 04/18/84
 PERMIT NO. 40102610101-144 ESTIMATED DATE OF START-UP--
 DETERMINATION MADE BY FRESNO COUNTY APCD C.E. MASKALL (209)-445-3258
 (AGENCY) (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY 16190.00 LB/BURNER
 POLLUTANT EMISSION LIMITS ... & BASIS
 EMITTED CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
 BURNER, BIOMASS SOX 0.0247 LB/MMBTU INPUT LAER
 78.0000 LB/D
 BAGHOUSE & SCRUBBER

NOTES
 OPERATES 24 H/D, 365 D/YR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. INITIAL REVIEW POST STARTUP
 REVIEW STATUS:
 ID NUMBER CA-0099 SOURCE TYPE CODE 2.3
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER SOLID WASTE DISPOSAL 2880000.00 GAL

COMPANY NAME/SITE LOCATION LUBBOCK FEEDLOTS, INC.

, TX

LUBBOCK COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. X-4142

DETERMINATION MADE BY

TEXAS ACB
(AGENCY)

RALPH BOWLER
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 02/16/83
ESTIMATED DATE OF START-UP--
(512)-451-5711
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY POLLUTANT EMISSION LIMITS ... & BASIS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

LOADING DIGESTERS, 12 EA 240000.00 GAL

SEE NOTE

COLLECTING GAS, 12 EA 240000.00 GAL

ODOR

EMPTYING DIGESTERS, 12 EA 240000.00 GAL

ODOR

H2S COLLECT. IN FE SPOUNGE & PIPED TO CUSTOMER.

SEE NOTE

NOTES

PROCESSSES MANURE FROM A CATTLE FEEDLOT.
NOTE -- SHOULD BE THE SAME AS EXISTING FEEDLOT ODORS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/04/1984

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER SOLID WASTE DISPOSAL

COMPANY NAME/SITE LOCATION RACK PROCESSING CO.

MORaine, OH

DETERMINATION IS PERMIT NO. 08-734
 DETERMINATION MADE BY DAYTON RAPCA (AGENCY)
 DONNA GORBYLEE (AGENCY CONTACT PERSON)
 DATE OF PERMIT ISSUANCE-- ESTIMATED DATE OF START-UP-- 1985
 (513)-225-5926 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
OVEN, PLASTISOL CURING & BAKE-O*	4500.00 LB/8H	PM	0.1000 LB/100LB CHARGED AFTERBURNER	BACT 90.00
		VOC	1.0300 T/YR	BACT 90.00
		HCL	17.7800 T/YR	BACT 90.00
		VE	5.0000 % OPACITY	BACT 90.00

NOTES

HCL EMISSIONS WERE MODELED FOR MAXIMUM GROUND LEVEL CONCENTRATION. THIS CONCENTRATION WAS COMPARED TO A TLV/X CONCENTRATION CALCULATED TO BE ACCEPTABLE. TLV/X=0.421 MG/CU. METER

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP REVIEW STATUS:

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER SOLID WASTE DISPOSAL 1440.00 T/D WOOD & WASTE

COMPANY NAME/SITE LOCATION WATSON ENERGY SYS, INC. WILMINGTON, CA

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) LA 77-02
DETERMINATION MADE BY EPA REGION IX
(AGENCY)

DATE OF PERMIT ISSUANCE-- 01/03/80
ESTIMATED DATE OF START-UP--
(415)-974-8220
(PHONE)

BOB BAKER
(AGENCY CONTACT PERSON)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY 1440.00 T/D
STEAM GEN. UNITS, 4, WASTE/FUEL* 1440.00 T/D

POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
NOX	83.0000 LB/H COMBUSTION MODIFICATION	LAER
SO2	64.0000 LB/H WET SCRUBBER (CAUSTIC)	LAER
PM	4.0000 LB/H BAGHOUSE	90.00 LAER 99.50

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 04/04/1984

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES 38.30 MM
 COMPANY NAME/SITE LOCATION AMCO CHEMICALS CORP. TEXAS CITY, TX 77590
 P.O. BOX 568

DETERMINATION IS PERMIT NO. C-9378 DATE OF PERMIT ISSUANCE-- 03/01/84
 DETERMINATION MADE BY TEXAS ACB ESTIMATED DATE OF START-UP-- 1984
 (AGENCY) (AGENCY CONTACT PERSON) (512)-451-5711
 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	415.00 MMBTU/H	NOX	95.0000 PPM STEAM INJECTION	BACT 37.00
DUCT BURNER	200.00 MMBTU/H	NOX	0.1200 LB/MMBTU LOW NOX BURNER	BACT 25.00

NOTES

BACT = NSPS FOR INDUSTRIAL TURBINE --- 60.332(A)(1) SCC 2-02-002-01

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
 REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION ANCHORAGE MUNICIPAL LIGHT & POWER
GLENN HIGHWAY PLANT

, AK

DETERMINATION IS BACT PERMIT NO. 8421-AA004
DETERMINATION MADE BY ALASKA DEC
(AGENCY)

DAVE ESTES
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/15/84
ESTIMATED DATE OF START-UP-- 1985
(907)-465-2666
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY EMISSION LIMITS ... & BASIS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

TURBINE 82.00 MM

NOX	75.0000 PPM AT 15% O2, DRY	BACT
VE	10.0000 % OPACITY	BACT
S02	0.0100 % SULFUR CONTENT	BACT

DURING DISTILLATE USE
DURING DISTILLATE USE

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

PAGE G- 195 ID NUMBER AK-0008 SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

1412.50 MBTU/H

NATURAL GAS TURBINES

SOURCE TYPE/SIZE

COMPANY NAME/SITE LOCATION APPLIED ENERGY SERVICES

GEISMAR, LA

ASCENSION PARISH

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. PSD-LA-530

DETERMINATION MADE BY

LAQD/EPA REGION VI

(AGENCY)

NAN KILLEEN

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE--

ESTIMATED DATE OF START-UP--

(504)-342-8940

(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

TURBINE/STEAM GEN., WASTE HEAT 1412.50 MBTU/H

NOX

414.0000 LB/H

1813.0000 T/YR

CO

29.0000 LB/H

127.0000 T/YR

VE

NO VISIBLE EMISSION

B/N

BACT

NOTES -----

SUBJECT TO NSPS, SUBPART GG.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

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ID NUMBER LA-0053

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES 394.70 MMBTU/H

COMPANY NAME/SITE LOCATION BASF WYANDOTTE CO. GEISMAR, LA ASCENSION PARISH

DETERMINATION IS BACT FOR A NEW SOURCE. DATE OF PERMIT ISSUANCE-- 09/13/84
 PERMIT NO. PSD-LA-523 ESTIMATED DATE OF START-UP-- 1985
 DETERMINATION MADE BY LAGD/EPA REGION VI BHARAT CONTRACTOR (504)-342-8940
 (AGENCY) (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY EMISSION LIMITS ... & BASIS
 POLLUTANT EMITTED CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
 TURBINE, NAT. GAS, #1-84 394.70 MMBTU/H NOX 330.0000 LB/H BACT
 168.0000 PPMV
 COMBUSTOR DESIGN
 VE NO VISIBLE EMISSION

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. INITIAL REVIEW POST STARTUP
 REVIEW STATUS:
 ID NUMBER LA-0054 SOURCE TYPE CODE 3.1
 PAGE 6- 197

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES 39.00 MW

COMPANY NAME/SITE LOCATION CARDINAL COGEN STANFORD UNIVERSITY, CA

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. SFB 82-04

DETERMINATION MADE BY EPA REGION IX

(AGENCY)

RICK SUGARECK

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 06/29/83

ESTIMATED DATE OF START-UP-- 1986

(415)-974-7631

(PHONE)

PROCESSES SUBJECT TO THIS PERMIT

THROUGHPUT CAPACITY

POLLUTANT EMITTED

EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS ... PCT EFF

TURBINE, GAS

464.40 MBTU/H

NOX

42.0000 PPM AT 15% O2 STEAM INJECTION

BACT

DUCT BURNERS

124.30 MBTU/H

NOX

0.1000 LB/MBTU LOW NOX BURNERS

BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS:

INITIAL REVIEW POST STARTUP

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ID NUMBER CA-0094

SOURCE TYPE CODE

3.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES 26.00 MM

COMPANY NAME/SITE LOCATION CHUGACH ELECTRIC ASSOCIATION, UNIT #4 BERNICE LAKE, AK

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-X82-07
DETERMINATION MADE BY EPA REGION X
(AGENCY)

PAUL BOYS
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 08/06/82
ESTIMATED DATE OF START-UP-- 1982
(206)-442-1567
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF
GAS TURBINE	26.00 MM	NOX	130.0000 LB/H 569.0000 T/YR
		PM	12.0000 LB/H 48.2000 T/YR
			WATER INJECTION
			LOW S COAL, DISTILLATE OIL BACKUP

NOTES

THE BACT NOX EMISSION LIMIT WAS BASED ON THE NSPS. THE BACT PM EMISSION WAS BASED ON THE USE OF #2 DISTILLATE OIL, HOWEVER, THE COMPANY PLANS TO USE NATURAL GAS AS THE PRIMARY FUEL. BECAUSE OF LIMITED BACKUP CAPACITY AT THAT LOCATION, THE COMPANY REQUESTED A PERMIT BASED ON 100% OIL USE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION COLORADO INTERSTATE GAS

LAKE STATION, KS

KEARNY COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO.

DATE OF PERMIT ISSUANCE-- 10/19/82
ESTIMATED DATE OF START-UP--

DETERMINATION MADE BY EPA REGION VII

STEVE KOVAC

(AGENCY)

(AGENCY CONTACT PERSON)

(816)-374-6525

(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

I.C. RECIP. ENGINES, GAS-FIRED,* 1475.00 HP EA

NOX

760.0000 PPMV 15% O2, DRY BASIS

OPERATE AT MAX EFFICIENCY

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: 04/01/1983

INITIAL REVIEW POST STARTUP

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ID NUMBER KS-0013

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION CROWN ZELLERBACH, INC. ANTIOCH, CA

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 28179 DATE OF PERMIT ISSUANCE-- 03/01/82
 DETERMINATION MADE BY BAY AREA AQMD ESTIMATED DATE OF START-UP-- 1983
 (AGENCY) DOUG WOLF (415)-771-6000
 (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
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GAS TURBINE	32.00 MM	NOX	42.0000 PPM NO2 AT 15% O2 WATER/STEAM INJECTION	
DUCT BURNER	145.00 MMBTU/H	NOX	88.0000 PPM NO2 AT 3% O2 LO-NOX DESIGN	

NOTES -----
 BURNING NATURAL GAS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
 INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1985
 ID NUMBER CA-0044
 SOURCE TYPE CODE 3.1
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES
 COMPANY NAME/SITE LOCATION DOW CHEMICAL, USA
 PLAQUEMINE, LA
 IBERVILLE PARISH

DETERMINATION IS EACT FOR A NEW SOURCE.
 PERMIT NO. PSD-LA-393,M-1
 DETERMINATION MADE BY LAQD/EPA REGION VI
 (AGENCY)
 BHAPAT CONTRACTOR
 (AGENCY CONTACT PERSON)
 DATE OF PERMIT ISSUANCE-- 11/14/83
 ESTIMATED DATE OF START-UP--
 (504)-342-8940
 (PHONE)

PROCESSES SUBJECT THROUGHPUT EMISSION LIMITS ... & BASIS
 TO THIS PERMIT CAPACITY CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
 TURBINE, #GT-300 & GT-400, 2 EA 100.00 MW
 NOX 1194.0000 LB/H COMB. CONTRL
 CO 66.0000 LB/H
 VE 0.0000 % OPACITY
 N/A

NOTES -----
 THE ORIGINAL PERMIT PSD-LA-393 WAS ISSUED ON 08/11/81. SUBSEQUENT REVISION TO NSPS BY EPA ON 01/27/82 , 40CFR60, SUBPART GG, E
 XEMPTED THESE TURBINES FROM STEAM INJECTION CONTROLS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
 REVIEW STATUS: INITIAL REVIEW POST STARTUP
 ID NUMBER LA-0011A
 SOURCE TYPE CODE 3.1
 PAGE G- 202

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

1100.00 HP

NATURAL GAS TURBINES

SOURCE TYPE/SIZE

COMPANY NAME/SITE LOCATION EXPLORER PIPELINE CO.
SEE NOTE #2

, TX

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 15401
DETERMINATION MADE BY TEXAS ACB
(AGENCY)

DATE OF PERMIT ISSUANCE-- 06/20/84
ESTIMATED DATE OF START-UP--
(512)-451-5711
(PHONE)

R. HAMILTON
(AGENCY CONTACT PERSON)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

TURBINE, GAS 1100.00 HP

VOC 2.8000 T/YR
NOX 15.1000 T/YR
CO2 40.0000 T/YR

BACT
NOTE
BACT

NOTES

SIC 1311, 4922 / SCC 2-02-002-01 / NOTE - 5.0 G NOX/HP/H. NOTE #2 - P.O. BOX 2650, TULSA, OK 74101

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES 21.00 MW

COMPANY NAME/SITE LOCATION GETTY OIL CO.

, CA

KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 4003578-533

DETERMINATION MADE BY

KERN COUNTY APCD

(AGENCY)

TOM PAXSON

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/29/85

ESTIMATED DATE OF START-UP--

(805)-861-3682

(PHONE)

PROCESSES SUBJECT TO THIS PERMIT

THROUGHPUT CAPACITY

POLLUTANT EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF

ENGINE, GAS TURBINE, 6 EA

3.50 MW

NOX

7.6000 LB/H

195.0000 PPMVD AT 15% O2

BACT

VOC

1.6500 LB/H

H2O INJECTION AT 0.8 LB H2O/LB FUEL

BACT

NOTES -----

OPERATES 24 H/D, 365 D/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS:

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ID NUMBER CA-0109

SOURCE TYPE CODE

3.1

05/21/1985

MM 00-005

CA

KERN COUNTY

DATE OF PERMIT ISSUANCE-- 11/03/83
ESTIMATED DATE OF START-UP-- 1984

MATT HABER
(AGENCY CONTACT)

[illegible]

825.00 MBTU/H

83

9.0000 PPM
17.0000 LB/H

PROPER COMBUSTION

1.1.) EACH TURBINE IS LIMITED TO NOX EMISSION OF 42 PPM & 140 LB/H BY A LOCAL NSR PERMIT. 2.) THE SOURCE HAS APPLIED FOR A MAJOR MODIFICATION TO INCREASE THE CO LIMIT WHEN FIRING ON DISTILLATE FUEL, THE STAND-BY FUEL.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/19/1984

ID NUMBER CA-0063

SOURCE	TYPE	CODE	3.1
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
26	26	26	26
27	27	27	27
28	28	28	28
29	29	29	29
30	30	30	30
31	31	31	31
32	32	32	32
33	33	33	33
34	34	34	34
35	35	35	35
36	36	36	36
37	37	37	37
38	38	38	38
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43	43	43	43
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45	45	45	45
46	46	46	46
47	47	47	47
48	48	48	48
49	49	49	49
50	50	50	50
51	51	51	51
52	52	52	52
53	53	53	53
54	54	54	54
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59	59	59	59
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74	74	74	74
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78	78	78	78
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81	81	81	81
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84	84	84	84
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90	90	90	90
91	91	91	91
92	92	92	92
93	93	93	93
94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES 63.40 MW

COMPANY NAME/SITE LOCATION IBM COGENERATION PROJECT BAY AREA, CA

DETERMINATION IS LAER FOR A NEW SOURCE.
 PERMIT NO. 30066
 DETERMINATION MADE BY BAY AREA AQMD
 (AGENCY)

VICTOR REYES
 (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/01/84
 ESTIMATED DATE OF START-UP--
 (415)-771-6000
 (PHONE)

PROCESSES SUBJECT
 TO THIS PERMIT

THROUGHPUT
 CAPACITY

POLLUTANT
 EMITTED

EMISSION LIMITS
 CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS

... PCT EFF

TURBINE, GAS

49.00 MW

NOX

25.0000 PPM AT 15% O2

LAER

SELECTED CATALYTIC REDUCTION
 H2O INJECTION

NOTES
 OPERATES 24 H/D, 365 D/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

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ID NUMBER CA-0105

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION KISSIMMEE UTILITIES

KISSIMMEE, FL

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. AC 49-74856
 DETERMINATION MADE BY FLORIDA DER (AGENCY)
 TERESA HERON (AGENCY CONTACT PERSON)
 DATE OF PERMIT ISSUANCE-- 03/30/84
 ESTIMATED DATE OF START-UP-- 1984
 (904)-468-1344 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
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TURBINE, GAS	400.00 MMBTU/H	NOX	79.0000 PPM GAS FIRED 129.0000 PPM OIL FIRED	
--------------	----------------	-----	---	--

		SO2	0.5000 LB/MMBTU WATER INJECTION	40.00
--	--	-----	------------------------------------	-------

BOILER, WASTE HEAT	41.70 MMBTU/H	VE	20.0000 % OPACITY MAX FUEL S CONTENT	
		SO2	0.5000 LB/MMBTU FUEL S CONTENT	

NOTES

NSPS SUBPART GG APPLICABLE. TURBINE EXHAUST GASES DISCHARGE INTO A WASTE HEAT BOILER. TOTAL ELECTRIC POWER GENERATED BY THE SYSTEM IS 50 GROSS MEGAWATTS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 12/28/1984

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES 73.50 MW

COMPANY NAME/SITE LOCATION NEVADA PWR CO., CLARK STATION UNIT #7 EAST LAS VEGAS, NV

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
 PERMIT NO. (REGION FILE NO.) NV 78-02
 DETERMINATION MADE BY EPA REGION IX
 (AGENCY)

DATE OF PERMIT ISSUANCE-- 10/01/79
 ESTIMATED DATE OF START-UP-- 1980
 (415)-974-8036
 (PHONE)
 JIM HANSON
 (AGENCY CONTACT PERSON)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GEN., GAS TURBINE	73.50 MW	NOX	0.3400 LB/MMBTU	
		PM	0.0300 LB/MMBTU	
		CO	0.1200 LB/MMBTU	
		SO2	0.25% S FUEL CONTENT	

NOTES -----
 REGENERATOR IS SUBJECT TO NSPS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
 PAGE 6- 208
 ID NUMBER NV-0003
 INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1933 02/13/1934
 SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES 73.50 MM

COMPANY NAME/SITE LOCATION NEVADA PWR CO., CLARK STATION UNIT #8 EAST LAS VEGAS, NV

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
 PERMIT NO. (REGION FILE NO.) NV 80-91
 DETERMINATION MADE BY EPA REGION IX
 (AGENCY)
 LARRY BOKERMAN
 (AGENCY CONTACT PERSON)
 DATE OF PERMIT ISSUANCE-- 09/11/80
 ESTIMATED DATE OF START-UP-- 1982
 (415)-974-0213
 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY 73.50 MM
 GEN., COMBUSTION TURBINE
 POLLUTANT EMITTED
 NOX 0.3400 LB/MMBTU
 SO2 WATER INJECTION
 0.25% S FUEL OIL
 NSPS
 BACT
 ... & BASIS
 CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION NORTHERN CALIFORNIA POWER AGENCY ROSEVILLE, CA

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. A/C-84-06

DETERMINATION MADE BY

PLACER COUNTY APCD
(AGENCY)

KEN SELOVER
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/05/84
ESTIMATED DATE OF START-UP-- 1985
(916)-823-4443
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

TURBINE, 2, NAT. GAS

25.80 MM

NOX 42.0000 PPMO AT 15% O2
H2O INJECTION

BACT

TURBINE, 2, FUEL OIL

25.80 MM

NOX 62.0000 PPMO AT 15% O2
H2O INJECTION

BACT

SOX

BACT

0.25% SULFUR WT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

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ID NUMBER CA-0095

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION NORTHERN NATURAL GAS

CUNNINGHAM, KS

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO.

DETERMINATION MADE BY EPA REGION VII

(AGENCY)

STEVE KOVAC

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/12/82

ESTIMATED DATE OF START-UP--

(616)-374-6525

(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

... & BASIS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

I.C. RECIP. ENGINES, DUAL FUEL,* 2250.00 HP EA

NOX 60.0000 LB/H

CO 15.0000 LB/H

VOC 3.9000 LB/H

NOTES

IN CONSIDERATION OF TEST RESULTS, THE CO EMISSION LIMIT WAS CHANGED FROM 9 TO 15 LB/H ON NOV. 29, 1982.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

ID NUMBER KS-0015

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION PANHANDLE EAST. PIPELINE CO.

ELKHART STATION, KS

MORTON COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO.

DATE OF PERMIT ISSUANCE-- 11/18/81
ESTIMATED DATE OF START-UP--
(816)-374-5525
(PHONE)

DETERMINATION MADE BY EPA REGION VII
(AGENCY)

STEVE KOVAC
(AGENCY CONTACT PERSON)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY 3200.00 HP EA

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

I.C. RECIP. ENGINES, GAS FIRED,* 3200.00 HP EA

NOX 600.0000 PPMV 15% O2, DRY BASIS
PRE-IGNITION CHAMBER

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

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ID NUMBER KS-0016

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION PETRO-TEX CHEMICAL CORP.

, TX

HARRIS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. SEE NOTE

DETERMINATION MADE BY TEXAS ACB
(AGENCY)

JIMMY RANDALL
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/21/82
ESTIMATED DATE OF START-UP-- 1983
(512)-451-5711
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY 982.30 MSCFH

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS
... PCT EFF

TURBINE, GAS

982.30 MSCFH

NOX 237.9000 LB/H

NSPS

SO2 0.7000 LB/H
CO 15.2500 LB/H

TECH

NOTES -----

NOTE -- PERMIT NUMBER 9199, 9200. EACH PERMIT COVERS ONE TURBINE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/04/1984

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ID NUMBER TX-0130

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES 217.00 MMBTU/H

COMPANY NAME/SITE LOCATION PROCTOR & GAMBLE SACRAMENTO, CA

DETERMINATION IS PERMIT NO. SAC 83-01 DATE OF PERMIT ISSUANCE-- 05/10/83
 DETERMINATION MADE BY EPA REGION IX ESTIMATED DATE OF START-UP--
 (AGENCY) (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY EMISSION LIMITS ... & BASIS
 CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

TURBINE, GAS 217.00 MMBTU/H

SO2 NOX	0.3000 % S BY WT
	75.0000 PPM AT 15% O2, OIL
	62.0000 PPM AT 15% O2, GAS
CO	H2O INJECTION
	32.0000 LB/H GAS FIRED
NOX	22.0000 LB/H OIL FIRED
	0.1500 LB/MMBTU
CO	LOW NOX BURNERS
	0.5000 LB/H

BURNER, DUCT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
 REVIEW STATUS:
 ID NUMBER CA-0067
 SOURCE TYPE CODE 3.1

05/21/1985

303.00 MHP

PRUDHOE BAY, AK

DATE OF PERMIT ISSUANCE-- 09/29/81
ESTIMATED DATE OF START-UP--
(206)-442-1193
(PHCNE)

DAVID TETTA
(AGENCY CONTACT PERSON)

THROUGHPUT
CAPACITY

POLLUTANT EMITTED	EMISSION LIMITS CONTROL
----------------------	----------------------------

... & BASIS
... PCT EFF

303.00 MHP

150.0000 PPM
N9X

ppm

BACT

CO 1.0900 LB/MMSCF FUEL

LB/MMSCF FUEL

BACT

250.00 MMBTU/H

NOX 0.0800 LB/MMBTU

LB/MMBTU

BACT

8

0.0100 LB/M³BTU

LB/MIBTU

EACT

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

ID NUMBER AK-0004

SOURCE	TYPE	CODE	3.2
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

200.00 MW

NATURAL GAS TURBINES

SOURCE TYPE/SIZE

FREDONIA, WA

COMPANY NAME/SITE LOCATION PUGET SOUND POWER & LIGHT

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. PSD-X-82-09

DETERMINATION MADE BY EPA REGION X

(AGENCY)

PAUL BOYS

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 08/23/82
ESTIMATED DATE OF START-UP-- 1984
(205)-442-1567
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
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GAS TURBINE, 2 100.00 MW EA

NOX	480.0000 LB/H 2061.0000 T/YR	WATER INJECTION
CO	185.0000 LB/H 645.0000 T/YR	
SO2	640.0000 LB/H 154.0000 T/YR	
PM	2.9000 LB/H 12.5000 T/YR	

NOTES -----
THE NSPS LIMIT FOR NOX WAS THE BASIS FOR BACT. THE SO2 BACT LIMIT WAS BASED ON THE USE OF 0.5% S OIL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: 04/01/1983

INITIAL REVIEW POST STARTUP

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ID NUMBER WA-0067

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

NOTE #2

NATURAL GAS TURBINES

POMONA, CA

SIMPSON COGENERATION PROJECT

DETERMINATION IS LAER FOR A NEW SOURCE.
 PERMIT NO. C-42507
 DETERMINATION MADE BY SOUTH COAST AQMD
 (AGENCY)
 BRIAN YEH
 (AGENCY CONTACT PERSON)
 DATE OF PERMIT ISSUANCE-- 01/06/84
 ESTIMATED DATE OF START-UP--
 (818)-572-6256
 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT
 THROUGHPUT CAPACITY
 TURBINE, NAT. GAS FIRED, W/DIES* 3.08 MMBTU/H
 NOX 3264.0000 LB/D
 SEE NOTE #1
 LAER
 ... & BASIS
 CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

NOTES

OPERATES 24 H/D, 365 D/YR. NOTE #1 - H2O INJECTION USING 0.6 & 0.645 LB OF WATER TO LB OF GAS & #2 DIESEL FUEL, RESPECTIVELY.
 NOTE #2 - PLANT CAPACITY 32.25 MW & 194. LB SATURATED STEAM/H.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
 REVIEW STATUS:

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ID NUMBER CA-0098

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

1290.00 MW

SOURCE TYPE/SIZE NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION SOUTHERN CALIF. EDISON CO.
UPPER JOHNSON VALLEY

, CA

SAN BERNARDINO COUNTY

DETERMINATION IS BACT
PERMIT NO. SE 81-01
DETERMINATION MADE BY

EPA REGION IX
(AGENCY)

MATT HABER
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/25/83
ESTIMATED DATE OF START-UP--
(415)-974-8209
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS

CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS
... PCT EFF

GAS TURBINE, 20

64.50 MW EA

SO2 0.0960 LB/MMBTU
71.4500 LB/H/TURBINE
USE OF VERY LOW SULFUR (0.1%) OIL
NOX 44.5000 PPM
140.0000 LB/H/TURBINE
CO 17.0000 LB/H/TURBINE
WATER INJECTION
PROPER COMBUSTION
PB 1.8000 PPM FUEL CONTENT
H2S* 0.1000 SULFUR FUEL OIL
AS3* 2.8500 LB/H/TURBINE
COMPL. W/TSP LIM. 10 LB/H. & SEMI-ANN. FUEL SAM*
HG 2.8500 LB/H/TURBINE
COMPL. W/TSP LIM. 10 LB/H. & SEMI-ANN. FUEL SAM*

NOTES

1) CONTINUOUS MONITORS ARE REQUIRED FOR NOX, SO2, AND CO. 2) TURBINE CURRENTLY PLANNED FOR IS THE GE FRAME 7. 3) OPERATION IS LI
MITED TO 1500 HR/YR PER TURBINE. ALSO UNDER SOURCE CODES 3.2 & 3.3

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/19/1984

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ID NUMBER CA-0047

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES 3200.00 HP

COMPANY NAME/SITE LOCATION SW GAS STORAGE CO., PANHANDLE EAST. PIP* , KS MEADE COUNTY
BROCHERS STATION

DETERMINATION IS BACT FOR A NEW SOURCE. DATE OF PERMIT ISSUANCE-- 12/11/80
PERMIT NO. ESTIMATED DATE OF START-UP--
DETERMINATION MADE BY EPA REGION VII STEVE KOVAC (816)-374-6525
(AGENCY) (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT THROUGHPUT POLLUTANT EMISSION LIMITS ... & BASIS
TO THIS PERMIT CAPACITY EMITTED CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
ENGINES, NAT. GAS FIRED, 5 IC R* 3200.00 HP EA NOX 850.0000 PPM 15% O2 (D) BACT

NOTES -----
BROCHERS UNDERGROUND STORAGE FACILITY. (2-CYCLE, TURBO CHARGED ENGINES WITH STANDARD COMBUSTION CHAMBERS, DESIGNED TO OPERATE
AT RELATIVELY LOW SPEED)

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES 18500.00 HP

COMPANY NAME/SITE LOCATION TEXAS EASTERN TRANSMISSION CO.

DELMONT, PA

WESTMORELAND COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. 82PA02

DETERMINATION MADE BY EPA REGION III

(AGENCY)

VERNON BUTLER

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/07/82

ESTIMATED DATE OF START-UP-- 1982

(215)-597-2711

(PHONE)

PROCESSES SUBJECT TO THIS PERMIT

THROUGHPUT CAPACITY

POLLUTANT EMITTED

EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS ... PCT EFF

GAS TURBINE

18500.00 HP

NOX

150.0000 PPM

NATURAL GAS

BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1985

PAGE 6- 220

ID NUMBER PA-0027

SOURCE TYPE CODE

3.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION TEXAS GULF CHEMICALS CO.
P.O. BOX 488

NEWSGULF, TX 77462

WHARTON COUNTY

DETERMINATION IS
PERMIT NO. C-9340
DETERMINATION MADE BY

TEXAS ACB
(AGENCY)

J. RANDALL
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 06/11/84
ESTIMATED DATE OF START-UP-- 1986
(512)-451-5711
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS
... PCT EFF

TURBINE, GAS

78.00 MM

PM 13.1000 T/YR
VOC 31.1000 T/YR
NOX 1366.0000 T/YR
SO2 0.1000 T/YR
CO 93.8000 T/YR

BACT
BACT
NSPS
BACT
BACT

NOTES -----
SCC 2-04-003-01

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 10/31/1984

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ID NUMBER TX-0151

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION TEXAS PETRO CHEMICALS CORP.
8600 PARK PLACE BLVD

HOUSTON, TX 77017

HARRIS COUNTY

DETERMINATION IS
PERMIT NO. C-9382
DETERMINATION MADE BY

TEXAS ACB
(AGENCY)

J. RANDALL
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 06/08/84
ESTIMATED DATE OF START-UP-- 1986
(512)-451-5711
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EF.

TURBINE, GAS, 2 EA

92.00 MW

VOC

1.7000 T/YR

MET*

15.3000 T/YR

NOX

1047.0000 T/YR

SO2

3.1000 T/YR

CO2

66.8000 T/YR

BACT

BACT

NSPS

BACT

BACT

NOTES -----

SIC - 2859, SCC - 2-02-002-01

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 10/31/1984

PAGE G- 222

ID NUMBER TX-0152

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES 88.00 MM

COMPANY NAME/SITE LOCATION TOSCO CORP. MARTINEZ, CA CONTRA COSTA COUNTY

DETERMINATION IS PERMIT NO. 5193 DATE OF PERMIT ISSUANCE-- 12/13/83
DETERMINATION MADE BY EPA REGION IX MATT HABER ESTIMATED DATE OF START-UP-- 1984
(AGENCY) (AGENCY CONTACT PERSON) (415)-974-8209 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY POLLUTANT EMISSION LIMITS ... & BASIS
TURBINE, GAS, 2 EA 500.00 MMSTU/H NOX 45.0000 PPM AT 15% O2 ... PCT EFF
75.0000 LB/H STEAM INJECTION

NOTES
TURBINES ARE GE FRAME 6. CEM REQUIRED FOR NOX. PRIMARY FUEL IS REFINERY FUEL GAS, SECONDARY FUEL IS PIPELINE GAS. ALSO SOURCE TYPE 5.6

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. INITIAL REVIEW POST STARTUP
REVIEW STATUS: 06/19/1984
ID NUMBER CA-0046B SOURCE TYPE CODE 3.1
PAGE G- 223

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES 8563.00 KW

COMPANY NAME/SITE LOCATION UNIVERSITY CO-GENERATION LTD., 1983-I BELLRIDGE OIL FIELD, CA

DETERMINATION IS FOR A NEW SOURCE. DATE OF PERMIT ISSUANCE-- 03/21/84
 PERMIT NO. 413001 ESTIMATED DATE OF START-UP--
 DETERMINATION MADE BY KERN COUNTY APCD TOM PAXSON (805)-861-3682
 (AGENCY) (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT THROUGHPUT POLLUTANT EMISSION LIMITS ... & BASIS
 TO THIS PERMIT CAPACITY EMITTED CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

TURBINE, GAS & BOILER, WASTE HE* 8563.00 KW NOX 714.0000 LB/D H2O INJ., 0.9/1.0 W/F 65.00

NOTES -----
 EMISSION LIMITS MAY BE FIXED AT LOWER LEVEL UPON EMISSIONS TESTING - UNIT WILL OPERATE 24 H/D, 7 D/WEEK, 52 WEEK/YR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. INITIAL REVIEW POST STARTUP
 REVIEW STATUS: SOURCE TYPE CODE 3.1
 ID NUMBER CA-0064
 PAGE G- 224

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES 39.10 MW

COMPANY NAME/SITE LOCATION VULCAN MATERIALS CO. WICHITA, KS SEDGWICK COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE. DATE OF PERMIT ISSUANCE-- 07/23/81
PERMIT NO. ESTIMATED DATE OF START-UP--
DETERMINATION MADE BY EPA REGION VII STEVE KOVAC (816)-374-6525
(AGENCY) (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT THROUGHPUT EMISSION LIMITS ... & BASIS
TO THIS PERMIT CAPACITY EMITTED CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
TURBINE, SIMPLE-CYCLE, NAT. GAS 39.10 MW

NOX SEE NOTE
STEAM INJECTION BACT

NOTES
THE UNIT IS SUBJECT TO NSPS, SUBPART GG.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983
1D NUMBER KS-0009 SOURCE TYPE CODE 3.1
PAGE G- 225

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

NATURAL GAS COMPRESSORS

4000.00 BRAKE HP

ALCONQUIN GAS TRANSMISSION CO.

CROMWELL, CT

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. 026-C42CT01

EPA REGION I

(AGENCY)

JOHN COURCIER

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/05/82

ESTIMATED DATE OF START-UP-- 1982

(617)-223-4448

(PHONE)

PROCESSES SUBJECT

TO THIS PERMIT

THROUGHPUT

CAPACITY

40.00 BHP

EMISSION LIMITS

POLLUTANT

EMITTED

NOX

0.0135 % BY VOL

MANUFACTURER'S GUARANTEE

BACT

NOTES

NSPS USED AS GUIDE, BUT MODIFICATION WAS NOT SUBJECT TO NSPS. BACT BASED ON MANUFACTURER'S GUARANTEE. LIMIT MEASURED AT 15% O2 DRY BASIS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

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ID NUMBER CT-0001

SOURCE TYPE CODE 3.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION ANR STORAGE CO.

EXCELSIOR TWP, MI 49000

KALKASKA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 67-80

DETERMINATION MADE BY

MICHIGAN DNR

(AGENCY)

DAVID FERRIER

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/01/80

ESTIMATED DATE OF START-UP-- 1981

(517)-322-1333

(PHONE)

PROCESSES SUBJECT

TO THIS PERMIT

THROUGHPUT

CAPACITY

COMPRESSOR, NAT. GAS, 2 EA 3750.00 HP

POLLUTANT EMISSION LIMITS

CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS

... PCT EFF

NOX 12.0000 G/HP-H

RETARDED IGNITION

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983 03/13/1984

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ID NUMBER MI-0015

SOURCE TYPE CODE 3.2

05/21/1985

20.00 MHP

NEAR ROCKPORT, CO

WELD COUNTY

DATE OF PERMIT ISSUANCE-- 09/12/80
ESTIMATED DATE OF START-UP--

(303)-837-3763
(PHONE)

JOHN DALE
(AGENCY CONTACT PERSON)

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL E

... & BASIS
... PCT EFF

5130.00 HP

NOX 39.2400 LB/H
DESIG

BACT

5130.00 HP

CO NOX 68.0000 LB/H DESIGN

BACT
BACT

12000.00 HP

CO
NOX 158.6000 LB/H
DESIGN

BACT BACT

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

ID NUMBER CO-0001

SOURCE TYPE CODE 3.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS 20.00 MHP

COMPANY NAME/SITE LOCATION CO INTERSTATE GAS, DEERTRAIL , CO ELBERT COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE. DATE OF PERMIT ISSUANCE-- 10/24/80
 PERMIT NO. ESTIMATED DATE OF START-UP--
 DETERMINATION MADE BY EPA REGION VIII (303)-837-3763
 (AGENCY) (PHONE)
 JOHN DALE
 (AGENCY CONTACT PERSON)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE	6000.00 HP	CO NOX	79.3000 LB/H DESIGN	BACT BACT
2 ENGINES	16000.00 HP	CO NOX	211.4000 LB/H DESIGN	BACT BACT
GEN. ENGINE	425.00 HP	CO NOX	10.2000 LB/H DESIGN	BACT BACT
HEATER	6.00 MMSTU/H	CO NOX	0.7600 LB/H	BACT BACT

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS 66.00 MHP
 COMPANY NAME/SITE LOCATION CO INTERSTATE GAS, FLANK NEAR LA JUNTA, CO BACA COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
 PERMIT NO. JOHN DALE DATE OF PERMIT ISSUANCE-- 10/24/80
 DETERMINATION MADE BY EPA REGION VIII (AGENCY) ESTIMATED DATE OF START-UP--
 (503)-837-3763 (PHONE)

PROCESS SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
H3 GLYCO REBOIL	8.00 MMBTU/H	NOX	8610.0000 SCFH	BACT
6 REC NG ENGS	13320.00 HP	NOX	83.1000 LB/H DESIGN	BACT

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS 44.00 MHP

COMPANY NAME/SITE LOCATION CO INTERSTATE GAS, KIT CARSON NEAR EADS, CO CHEYENNE COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE. DATE OF PERMIT ISSUANCE-- 09/12/80
 PERMIT NO. ESTIMATED DATE OF START-UP--
 DETERMINATION MADE BY EPA REGION VIII JOHN DALE (303)-837-3763
 (AGENCY) (AGENCY CONTACT PERSON, (PHONE)

PROCESSES SUBJECT THROUGHPUT EMISSION LIMITS ... & BASIS
 TO THIS PERMIT CAPACITY CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
 ENGINE, OPR 370.00 HP

NOX 8.9000 LB/H DESIGN BACT
 CO DESIGN BACT
 CO 211.4000 LB/H DESIGN BACT
 NOX DESIGN BACT
 3 ENGINES 16000.00 HP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983
 ID NUMBER CO-0004 SOURCE TYPE CODE 3.2
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS 34.00 MHP

COMPANY NAME/SITE LOCATION CO INTERSTATE GAS, TOTEM/LONG , CO ELBERT COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE. DATE OF PERMIT ISSUANCE-- 09/12/80

PERMIT NO. ESTIMATED DATE OF START-UP--

DETERMINATION MADE BY EPA REGION VIII JOHN DALE (303)-837-3763

(AGENCY) (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
4 ENGINES	1340.00 HP	CO NOX	53.1600 LB/H DESIGN	BACT BACT
6 ENGINES	2130.00 HP	CO		BACT
GENERATOR	370.00 HP	CO NOX	8.9000 LB/H	BACT BACT
2 HEATERS	16.00 MMSTU/H	CO NOX	2.5200 LB/H	BACT BACT
6 ENGINES	8550.00 HP	NOX	216.6000 LB/H DESIGN	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

SOURCE TYPE CODE 3.2

ID NUMBER CO-0005

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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS 60.00 MHP

COMPANY NAME/SITE LOCATION CO INTERSTATE GAS, WATKINS NEAR WATKINS, CO ADAMS COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
 PERMIT NO. EPA REGION VIII
 DETERMINATION MADE BY (AGENCY) JOHN DALE (AGENCY CONTACT PERSON)
 DATE OF PERMIT ISSUANCE-- 09/12/80
 ESTIMATED DATE OF START-UP-- (303)-837-3763 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE	1350.00 HP	CO VOC NOX	17.8400 LB/H DESIGN	BACT BACT BACT
4 ENGINES	10800.00 HP	CO VOC NOX	142.7200 LB/H DESIGN	BACT BACT BACT
5 ENGINES	30000.00 HP	CO VOC NOX	396.5000 LB/H DESIGN	BACT BACT BACT

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS 1600.00 HP 2 EA

COMPANY NAME/SITE LOCATION CONSOLIDATED GAS SUPPLY CORP. , WV WETZEL COUNTY
HASTINGS COMPRESSOR STATION

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 814V01 DATE OF PERMIT ISSUANCE-- 09/14/81
DETERMINATION MADE BY EPA REGION III (215)--597-8186 ESTIMATED DATE OF START-UP-- 1982
(AGENCY) BOB BLASZCZAK (PHONE)
(AGENCY CONTACT PERSON)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
I.C. ENGINE	1600.00 HP	NOX	7.3300 G/SEC NONE	BACT

NOTES -----
RELOCATION OF TWO 1600 HP. COOPER BESSEMER I.C. ENGINES. THIS RELOCATION WAS A MAJOR MODIFICATION TO THE COMPRESSOR STATION RELOCATING THE ENGINES. THE ENGINES WERE 16 YEARS OLD AND NATURAL GAS-FIRED. OPERATION LIMITED TO 5600 HRS./YR. CONSOLIDATED GAS SUPPLY CO. REQUESTED A MOD. OF PSD PERMIT FROM USEPA REGION 3 ON 01/11/83. MOD. OF PERMIT WOULD INVOLVE ALTERING THE METHOD OF OPER. OF COMPRESSOR ENGINES & AN INCREASE IN EMISSIONS OF NOX.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

ID NUMBER WV-0001 SOURCE TYPE CODE 3.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1995

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION EL PASO NATURAL GAS CO., WASHINGTON RANK* WHITES CITY, NM

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. NM-428 AIR QUALITY BUREAU - NMEID SHANKAR ANANTHAKRISHNA DATE OF PERMIT ISSUANCE-- 05/14/82
DETERMINATION MADE BY (AGENCY) (AGENCY CONTACT PERSON) (505)-984-0020 ESTIMATED DATE OF START-UP-- 1982
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C. COMPRESSOR	4500.00 HP	NOX	2.4500 G/HP-H COOPER ENERGY SERVICES	
ENGINE, I.C. COMPRESSOR	4500.00 HP	NOX	2.4500 G/HP-H COOPER ENERGY SERVICES	

NOTES -----

STACK TEST PERFORMED ON THESE TWO ENGINES BUT NO REPORT RECIEVED YET.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION ENSERCH EXPLORATION CO.

, TX

EASTLAND COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. X-4051

DETERMINATION MADE BY

TEXAS ACB
(AGENCY)

RANDY HAMILTON
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/28/82
ESTIMATED DATE OF START-UP-- 1983
(512)-451-5711
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

WHITE SUPERIOR 86625

THROUGHPUT
CAPACITY

780.00 HP

POLLUTANT
EMITTED

NOX

CO

VOC

7.7000 T/YR

5.5000 T/YR

0.7000 T/YR

CATALYTIC CONVERTER

90.00

... & BASIS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

NOTES

EMISSION LIMITS ARE 1.0 G/HP-H NOX, 0.75 G/HP-H CO, 0.1 G/HP-H VOC.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 05/04/1985

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ID NUMBER TX-0133

SOURCE TYPE CODE

3.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION GETTY OIL CO.

SKELLYTOWN, TX

CARSON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. X3878

DETERMINATION MADE BY

TEXAS ACB

(AGENCY)

RANDY HAMILTON

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/12/82

ESTIMATED DATE OF START-UP-- 1983

(512)-451-5711

(PHONE)

PROCESSES SUBJECT

TO THIS PERMIT

THROUGHPUT

CAPACITY

SUPERIOR 126TA 'CLEAN BURN' ENG* 2000.00 HP

EMISSION LIMITS

CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

... & BASIS

NOX

77.2000 T/YR

CO

115.8000 T/YR

VOC

8.4000 T/YR

COMBUSTION CHAMBER MOD.

NOTES -----

2.0 G/HP-H NOX, 3.0 G/HP-H CO, 0.2 G/HP-H VOC

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1993

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ID NUMBER TX-0101

SOURCE TYPE CODE 3.2

05/21/1985

200.00 MISCFD

XI,

WISE COUNTY

	DATE OF PERMIT ISSUANCE--	11/10/82
	ESTIMATED DATE OF START-UP--	1983
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ESTIMATED DATE OF START-UP-- 1983
(512)-451-5711

KAREN HORNE
(AGENCY CONTACT)

THROUGHPUT
CAPACITY

POLLUTANT
EMITTEDEMISSION LIMITS
CONTROL E

... & BASIS
... PCT EFF

1.7500 G/HP-H

4.0000 G/HP-H

TURBOCHARGERS

THE EFFECTIVENESS OF TURBOCHARGERS HAS NOT BEEN PROVEN BY PERFORMANCE TESTING YET.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/04/1984

ID NUMBER TX-0123

SOURCE	TYPE	CODE	3.2
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION LLANO, INC. NEAR HOBBS, NM

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. NM-477 DATE OF PERMIT ISSUANCE-- 06/22/82
 DETERMINATION MADE BY AIR QUALITY BUREAU - NMEID ESTIMATED DATE OF START-UP-- 1982
 (AGENCY) SHANKAR ANANTHAKRISHNA (505)-984-0020
 (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C. COMPRESSOR	1100.00 HP	NOX	2.2000 G/HP-H NEW DESIGN	
ENGINE, I.C. COMPRESSOR	1100.00 HP	NOX	2.2000 G/HP-H NEW DESIGN	
ENGINE, I.C. COMPRESSOR	1100.00 HP	NOX	2.2000 G/HP-H NEW DESIGN	
ENGINE, I.C. COMPRESSOR	1100.00 HP	NOX	2.2000 G/HP-H NEW DESIGN	
ENGINE, I.C. COMPRESSOR	1100.00 HP	NOX	2.2000 G/HP-H NEW DESIGN	

NOTES -----
 STACK TESTS, EPA REF. METHOD 7, WERE PERFORMED ON TWO OF THE ABOVE MENTIONED FIVE ENGINES & THE ACTUAL EMISSIONS WERE 0.38 G/H P-H & 1.34 G/HP-H.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

4000.00 HP 2 EA

NATURAL GAS COMPRESSORS

SOURCE TYPE/SIZE

COMPANY NAME/SITE LOCATION MICHIGAN WISCONSIN PIPE LINE CO.

CHARLTON TOWNSHIP, MI 49000

OTSEGO COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 660-80

DETERMINATION MADE BY

MICHIGAN DNR
(AGENCY)

GREGORY EDWARDS
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 11/01/80
ESTIMATED DATE OF START-UP-- 1983
(517)-322-1333
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

COMPRESSOR, NAT. GAS, 2 EA

4000.00 HP

NOX

12.3000 G/HP-H

COMBUSTION MODIFICATIONS

NOTES -----

2 NATURAL GAS COMPRESSORS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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INITIAL REVIEW 04/01/1983
REVIEW STATUS: 03/13/1984

ID NUMBER MI-0016

SOURCE TYPE CODE 3.2

POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS 1669.00 HP

COMPANY NAME/SITE LOCATION PAXHANDLE EAST. PIPELINE CO. , KS GRANT COUNTY
COGNAC STATION

DETERMINATION IS BACT FOR A MODIFIED SOURCE. DATE OF PERMIT ISSUANCE-- 07/28/80
PERMIT NO. ESTIMATED DATE OF START-UP--
DETERMINATION MADE BY EPA REGION VII STEVE KOVAC (816)-374-6525
(AGENCY) (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT THROUGHPUT EMISSION LIMITS ... & BASIS
TO THIS PERMIT CAPACITY CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

I.C. RECIP. ENGINE, UNIT#3 1669.00 HP NOX 700.0000 PPM 15% O2 (D) BACT
PRE-IGNITION CHAMBER

NOTES -----
IF CONSTRUCTION COMMENCES PRIOR TO JANUARY/1982, THE UNIT WILL NOT BE SUBJECT TO PROPOSED SUBPART FF OF THE NSPS REGS. THE PER
MIT, HOWEVER, INCORPORATES SEVERAL PROVISIONS OF PROPOSED SUBPART FF AS PERMIT CONDITIONS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

05/21/1985

18.00 MHP

CO

WELD COUNTY

DATE OF PERMIT ISSUANCE-- 11/25/81
ESTIMATED DATE OF START-UP--
(303)-837-3763
(PHONE)

JOHN DALE
(AGENCY CONTACT PERSON)

THROUGHPUT
CAPACITY

4500.00 HP

CO
VOC
NOX

5.5000 G/HP-H
ENG MODS

BACT
BACT
BACT
55.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

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ID NUMBER CO-0010

SOURCE	TYPE	CODE	3.2
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
26	26	26	26
27	27	27	27
28	28	28	28
29	29	29	29
30	30	30	30
31	31	31	31
32	32	32	32
33	33	33	33
34	34	34	34
35	35	35	35
36	36	36	36
37	37	37	37
38	38	38	38
39	39	39	39
40	40	40	40
41	41	41	41
42	42	42	42
43	43	43	43
44	44	44	44
45	45	45	45
46	46	46	46
47	47	47	47
48	48	48	48
49	49	49	49
50	50	50	50
51	51	51	51
52	52	52	52
53	53	53	53
54	54	54	54
55	55	55	55
56	56	56	56
57	57	57	57
58	58	58	58
59	59	59	59
60	60	60	60
61	61	61	61
62	62	62	62
63	63	63	63
64	64	64	64
65	65	65	65
66	66	66	66
67	67	67	67
68	68	68	68
69	69	69	69
70	70	70	70
71	71	71	71
72	72	72	72
73	73	73	73
74	74	74	74
75	75	75	75
76	76	76	76
77	77	77	77
78	78	78	78
79	79	79	79
80	80	80	80
81	81	81	81
82	82	82	82
83	83	83	83
84	84	84	84
85	85	85	85
86	86	86	86
87	87	87	87
88	88	88	88
89	89	89	89
90	90	90	90
91	91	91	91
92	92	92	92
93	93	93	93
94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS 13746.00 HP

COMPANY NAME/SITE LOCATION PANHANDLE EAST., FT. LUPTON , CO WELD COUNTY

DETERMINATION IS BACT PERMIT NO. DATE OF PERMIT ISSUANCE-- 05/29/80
 DETERMINATION MADE BY EPA REGION VIII ESTIMATED DATE OF START-UP--
 (AGENCY) (303)-837-3763
 JOHN DALE (PHONE)
 (AGENCY CONTACT PERSON)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY EMISSION LIMITS ... & BASIS
 REC COMP ENG, 3 2246.00 BRAKE HP EA POLLUTANT EMITTED CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

NOX 55.0000 LB/H EA ENG DESIGN & MODIFICATIONS BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION PHILLIPS PETROLEUM CO.

, TX

WINKLER COUNTY

DETERMINATION IS SACT FOR A NEW SOURCE.

PERMIT NO. X-3003

DETERMINATION MADE BY TEXAS ACB (AGENCY)

RANDY HAMILTON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/15/82
ESTIMATED DATE OF S.ART-UP-- 1982
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
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WAUKESHA 6LRZB-9	220.00 HP	NOX	23.4000 T/YR EQUAL NOX-CO CARBURETOR SETTING	
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		CO	23.4000 T/YR	
		VOC	4.5000 T/YR	

SUPERIOR 8G825	585.00 HP	NOX	62.1000 T/YR	
----------------	-----------	-----	--------------	--

		CO	62.1000 T/YR	
		VOC	5.4000 T/YR	

NOTES -----
RICH-BURN GAS ENGINES LESS THAN 825 HP DO NOT REQUIRE CATALYTIC CONVERTER CONTROL. EMISSIONS AT 11G NOX/HP-H, 11G CO/HP-H.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/04/1984

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ID NUMBER TX-0125

SOURCE TYPE CODE 3.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION SANTA FE ENERGY

, CA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. 0951

DETERMINATION MADE BY VENTURA COUNTY
(AGENCY)

KEITH DUVAL
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/02/82
ESTIMATED DATE OF START-UP--
(805)-654-2664
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

COMPRESSOR, NATURAL GAS

180.00 HP

NOX

150.0000 PPM

NOTES

STATE FILE # A330-030

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0073

SOURCE TYPE CODE 3.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS 1680.00 HP

COMPANY NAME/SITE LOCATION SHELL CALIFORNIA PRODUCTION INC., BELL * , CA KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 2028022 KERN COUNTY APCD TOM PAXSON DATE OF PERMIT ISSUANCE-- 05/29/84

DETERMINATION MADE BY (AGENCY) (AGENCY CONTACT PERSON) (805)-861-3682 ESTIMATED DATE OF START-UP--

(PHONE)

PROCESSES SUBJECT THROUGHPUT EMISSION LIMITS ... & BASIS

TO THIS PERMIT CAPACITY POLLUTANT EMITTED CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

ENGINE, COMPRESSOR, NAT. GAS FI* 840.00 HP NO2 4.0500 LB/H TOTAL BACT

CATALYTIC CONVERTER 90.00

NOTES -----

OPERATIONAL LEVEL, 64% OF DESIGN CAPACITY, OPERATES 24 H/O, 365 D/YR. COST DATA - CONTROL EQUIP. COST \$15000, FOR EACH ENGINE,

COST EFFECTIVENESS OF CONTROLS 0.2 \$/LB. ALSO PERMIT # 2028023.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS 2000.00 HP EA

COMPANY NAME/SITE LOCATION SOUTHERN NAT. GAS P.O. BOX 2563 BIRMINGHAM, AL 35202 JEFFERSON COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
 PERMIT NO. (REGION FILE NO.) PSD-AL-055
 DETERMINATION MADE BY ALABAMA APCD (AGENCY)
 SUE ROBERTSON (AGENCY CONTACT PERSON)
 DATE OF PERMIT ISSUANCE-- 01/29/80
 ESTIMATED DATE OF START-UP-- (205)-834-6570 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
VERT COMPRESSOR ENGINES, 3 EA	6000.00 HP	NOX	16.5000 G/HP-H COMBUSTION CONTROL	BACT

NOTES -----
 THREE UNITS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
 ID NUMBER AL-0011
 INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983
 SOURCE TYPE CODE 3.2

05/21/1985

4000.00 HP

GALLION, AL 36742

HALE COUNTY

DETERMINATION IS BACK FOR A MODIFIED SOURCE.

DATE OF PERMIT ISSUANCE-- 06/04/81
ESTIMATED DATE OF START-UP-- 1982
(205)-834-6570
(PHONE)

SUE ROBERTSON
(AGENCY CONTACT PERSON)

ALABAMA APCD
(AGENCY)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT	EMISSION LIMITS
EMITTED	CONTROL

... & BASIS
... PCT EFF

VERTICAL COMPRESSOR ENGINE 4000.00 BRAKE HP

NOX 15.0000 G/HP-H

EQUIPMENT OPERATION

NOTES -----
MANUFACTURER EMISSION TEST

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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ID NUMBER AL-0012

SOURCE TYPE CODE **3.2**

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS 5000.00 BRAKE HP

COMPANY NAME/SITE LOCATION SOUTHERN NAT. GAS P.O. BOX 67 ELMORE, AL 36025 ELMORE COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE. PERMIT NO. (REGION FILE NO.) PSD-AL-075 DATE OF PERMIT ISSUANCE-- 06/04/81
 DETERMINATION MADE BY ALABAMA APCD ESTIMATED DATE OF START-UP-- 1982
 (AGENCY) (AGENCY) (205)-834-6570
 SUE ROBERTSON (PHONE)
 (AGENCY CONTACT PERSON)

PROCESSES SUBJECT THROUGHPUT EMISSION LIMITS ... & BASIS
 TO THIS PERMIT CAPACITY CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
 VERTICAL COMPRESSOR ENGINE 5000.00 BRAKE HP NOX 15.0000 G/HP-H EQUIPMENT OPERATION BACT

NOTES -----
 MANUFACTURER EMISSION TEST

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 06/01/1983
 ID NUMBER AL-0013 SOURCE TYPE CODE 3.2
 PAGE 6- 249

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS 15500.00 HP
 COMPANY NAME/SITE LOCATION TENNESSEE GAS PIPELINE CO. MARIONVILLE, PA FOREST COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
 PERMIT NO. 27-399-001
 DETERMINATION MADE BY PENNSYLVANIA BAQ, DER WILLIAM CHARLTON DATE OF PERMIT ISSUANCE-- 03/01/83
 (AGENCY) (AGENCY CONTACT PERSON) (314)-724-8530 ESTIMATED DATE OF START-UP-- 1983
 (PHONE)

PROCESSES SUBJECT THROUGHPUT EMISSION LIMITS ... & BASIS
 TO THIS PERMIT CAPACITY CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
 GAS COMPRESSOR 15500.00 HP NOX LEAN BURN PROC./AIR-FUEL RATIO ADJUST. PSD

NOTES -----
 EXISTING CAPACITY IS 11500 HP. PROPOSED ADDITIONS ARE 4000 HP. TOTAL CAPACITY WILL BE 15500 HP.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
 INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983
 ID NUMBER PA-0028 SOURCE TYPE CODE 3.2
 PAGE 6- 230

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS 2250.00 HP

COMPANY NAME/SITE LOCATION TRANSCONTINENTAL GAS PIPELINE CORP. GILLIS, LA BEAUREGARD PARISH

DETERMINATION IS BACT PERMIT NO. PSD-LA-506 DETERMINATION MADE BY LADD/EPA REGION VI (AGENCY) HARENDRA RAOL (AGENCY CONTACT PERSON) DATE OF PERMIT ISSUANCE-- 10/14/83 ESTIMATED DATE OF START-UP-- 1983 (504)-342-8940 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF ENGINE, RECIPROCATING COMPRESSOR 2250.00 HP NOX 29.7000 LB/H CLEAN BURN ENGINE, MOD. COMB. W/CONTRLS 55.00

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION TRANSWESTERN PIPELINE CO., BITTER LAKE * NEAR ROSWELL, NM

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. NM-274-M-2

DETERMINATION MADE BY

AIR QUALITY BUREAU - NMEID

(AGENCY)

SHANKAR ANANTHAKRISHNA

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/23/82

ESTIMATED DATE OF START-UP--

(505)-984-0020

(PHONE)

PROCESSES SUBJECT

TO THIS PERMIT

THROUGHPUT

CAPACITY

POLLUTANT

EMITTED

EMISSION LIMITS

CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS

... PCT EFF

ENGINE, I.C. COMPRESSOR

1596.00 HP

NOX

4.0000 G/HP-H

LOW NOX ENGINE

NOTES -----

STACK TEST PERFORMED, EPA REF. METHOD 20, RESULTS - 2.96 G/HP-H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

ID NUMBER NM-0013A

SOURCE TYPE CODE 3.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION TRANSWESTERN PIPELINE CO., BITTER LAKE * NEAR ROSWELL, NM

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. NM-274-M-1

DETERMINATION MADE BY

AIR QUALITY BUREAU - NMEID

(AGENCY)

SHANKAR ANANTHAKRISHNA

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/03/82

ESTIMATED DATE OF START-UP-- 1982

(505)-984-0020

(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

1050.00 HP

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

NOX

5.0000 G/HP-H
LOW NOX ENGINE

NOTES -----

STACK TEST PERFORMED, EPA REF. METHOD 20, RESULTS - 2.42 G/HP-H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1933

ID NUMBER NM-0013

SOURCE TYPE CODE 3.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION TRANSWESTERN PIPELINE CO., ISLER NO. 1 * NEAR ROSWELL, NM

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. NM-464

DETERMINATION MADE BY

AIR QUALITY BUREAU - NMEID
(AGENCY)

SHANKAR ANANTHAKRISHNA
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/08/82
ESTIMATED DATE OF START-UP-- 1982
(505)-984-0020
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

... & BASIS

ENGINE, I.C. COMPRESSOR

1588.00 HP

NOX

4.0000 G/HP-H

LOW NOX ENGINE

NOTES -----

STACK TEST PERFORMED, EPA REF. METHOD 20, -- RESULTS - 2.06 G/HP-H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

ID NUMBER NM-0014

SOURCE TYPE CODE 3.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION TRANSHUTERN PIPELINE CO., KEMNITZ STAT* NEAR MALJAMAR, NM

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. NM-399-M-1 AIR QUALITY BUREAU - NMEID SHANKAR ANANTHAKRISHNA DATE OF PERMIT ISSUANCE-- 05/03/82
 DETERMINATION MADE BY (AGENCY) (AGENCY CONTACT PERSON) (505)-984-0020 ESTIMATED DATE OF START-UP-- 1982
 (PHONE)

PROCESSES SUBJECT THROUGHPUT EMISSION LIMITS ... & BASIS
 TO THIS PERMIT CAPACITY CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
 ENGINE, I.C. COMPRESSOR 1072.00 HP NOX 5.0000 G/HP-H
 LOW NOX ENGINE

NOTES -----
 STACK TEST PERFORMED, EPA REF. METHOD 20, -- RESULTS - 4.15 G/HP-H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983
 ID NUMBER NM-0012 SOURCE TYPE CODE 3.2
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION TRANSWESTERN PIPELINE CO., RED BLUFF ST* NEAR ROSWELL, NM

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. NM-411-M-1

DETERMINATION MADE BY

AIR QUALITY BUREAU - NMEID

(AGENCY)

SHANKAR ANANTHAKRISHNA

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/03/82

ESTIMATED DATE OF START-UP-- 1982

(505)-984-0020

(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

ENGINE, I.C. COMPRESSOR

1596.00 HP

NOX

4.0000 G/HP-H

LOW NOX ENGINE

NOTES

STACK TEST PERFORMED, EPA REF. METHOD 20, RESULTS -- 3.58 G/HP-H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

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ID NUMBER NM-0010

SOURCE TYPE CODE 3.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION TRANSEASTERN PIPELINE CO., RED BLUFF ST* NEAR ROSWELL, NM

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. NM-412-M-1

DETERMINATION MADE BY

AIR QUALITY BUREAU - NMEID
(AGENCY)

SHANKAR ANANTHAKRISHNA
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/03/82
ESTIMATED DATE OF START-UP-- 1982
(505)-984-0020
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

ENGINE, I.C. COMPRESSOR

1073.00 HP

NOX

5.0000 G/HP-H

LOW NOX ENGINE

NOTES

STACK TEST PERFORMED, EPA REF. METHOD 20, RESULTS -- 2.4 G/HP-H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

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ID NUMBER NM-0010A

SOURCE TYPE CODE 3.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION TRANSWESTERN PIPELINE CO., RED BLUFF ST* NEAR ROSWELL, NM

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. NM-413-M-1 AIR QUALITY BUREAU - NMEID SHANKAR ANANTHAKRISHNA DATE OF PERMIT ISSUANCE-- 05/03/82
 DETERMINATION MADE BY (AGENCY) (AGENCY CONTACT PERSON) (505)-984-0020 ESTIMATED DATE OF START-UP-- 1982
 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C. COMPRESSOR	1588.00 HP	NOX	4.0000 G/HP-H LOW NOX ENGINE	

NOTES -----
 STACK TEST PERFORMED, EPA REF. METHOD 20, RESULTS -- 2.51 G/HP-H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
 ID NUMBER NM-00108
 INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983
 SOURCE TYPE CODE 3.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION TRANSWESTERN PIPELINE CO., RED BLUFF ST* NEAR ROSWELL, NM

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. NM-414-N-1

DETERMINATION MADE BY AIR QUALITY BUREAU - NMEID (AGENCY)

SHANKAR ANANTHAKRISHNA (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/03/82
ESTIMATED DATE OF START-UP-- 1982
(505)-984-0020
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT

THROUGHPUT CAPACITY

ENGINE, I.C. COMPRESSOR 2647.00 HP

POLLUTANT EMITTED EMISSION LIMITS

... & BASIS ... PCT EFF

NOX

4.0000 G/HP-H
LOW NOX ENGINE

NOTES -----

STACK TEST PERFORMED, EPA REF. METHOD 20, RESULTS -- 0.82 G/HP-H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

ID NUMBER NM-0010C

SOURCE TYPE CODE 3.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION TRANSWESTERN PIPELINE CO., RED BLUFF ST* NEAR ROSWELL, NM

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. NM-415-M-1

DETERMINATION MADE BY AIR QUALITY BUREAU - NMEID (AGENCY)

SHANKAR ANANTHAKRISHNA (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/03/82
ESTIMATED DATE OF START-UP-- 1982
(505)-984-0020
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT

THROUGHPUT CAPACITY

POLLUTANT EMITTED

EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF

ENGINE, I.C. COMPRESSOR

2585.00 HP

NOX

5.0000 G/HP-H
LOW NOX ENGINE

NOTES

STACK TEST PERFORMED, EPA REF. METHOD 20, RESULTS -- 3.2 G/HP-H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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ID NUMBER NM-0010D

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE CODE 3.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION TRANSWERN PIPELINE CO., MALJAMAR STAT* NEAR MALJAMAR, NM

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. NM-387-M-1

DETERMINATION MADE BY

AIR QUALITY BUREAU - NHEID
(AGENCY)

SHANKAR ANANTHAKRISHNA
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/03/82
ESTIMATED DATE OF START-UP-- 1982
(505)-986-0020
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

ENGINE, I.C. COMPRESSOR

1073.00 HP

NOX

5.0000 G/HP-H
LOW NOX ENGINE

NOTES -----

STACK TEST PERFORMED, EPA RREF. METHOD 20, -- RESULTS - 3.93 G/HP-H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS 3000.00 HP

COMPANY NAME/SITE LOCATION VALERO TRANSMISSION CO.

OLD OCEAN, TX

BRAZORIA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. X-3603

DETERMINATION MADE BY TEXAS ACB (AGENCY)

RANDY HAMILTON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/09/82
ESTIMATED DATE OF START-UP-- 1982
(512)-451-5711
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT

THROUGHPUT CAPACITY

POLLUTANT EMISSION LIMITS
EMITTED CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF

GAS COMPRESSORS, 3 1000.00 HP EA

NOX 34.8000 T/YR
CO 64.4000 T/YR
VOC 0.7000 T/YR

NOTES

GAS TURBINES INHERENTLY CLEAN-BURNING WITH RESPECT TO NOX EMISSIONS. EMISSIONS OF NOX BASED ON 1.2 G/HP-H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

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ID NUMBER TX-0104

SOURCE TYPE CODE 3.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION WESTAR TRANSMISSION CO.

, TX

POTTER COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. X-3090

DETERMINATION MADE BY

TEXAS ACB

(AGENCY)

RANDY HAMILTON

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/07/82

ESTIMATED DATE OF START-UP-- 1982

(512)-451-5711

(PHONE)

PROCESSES SUBJECT

TO THIS PERMIT

THROUGHPUT

CAPACITY

SUPERIOR 8GT/LA

1100.00 HP

EMISSION LIMITS

POLLUTANT

EMITTED

CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS

... PCT EFF

NOX

21.2000 T/YR

CO

21.2000 T/YR

VOC

7.9000 T/YR

COMBUSTION CHAMBER MODIFICATION

NOTES

EMISSION LIMITS ARE 2.0 G/HP-H NOX, 2.0 G/HP-H CO, 0.75 G/HP-H VOC.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 05/04/1984

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ID NUMBER TX-0134

SOURCE TYPE CODE 3.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION 6.50 MW
 COMPANY NAME/SITE LOCATION AMERICAN COGENERATION CO. , CA KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
 PERMIT NO. 4147008-012
 DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)
 TOM PAXSON (AGENCY CONTACT PERSON)
 DATE OF PERMIT ISSUANCE-- 12/28/84
 ESTIMATED DATE OF START-UP--
 (805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY EMISSION LIMITS ... & BASIS
 GAS TURBINE, 5 CRUDE OIL FIRED,* 1.30 MW
 NOX 0.0700 LB/MMBTU
 SEL. CATALYTIC RED. W/AMMONIA REDUCING AGENT BACT 92.00

NOTES -----
 OPERATES 24 H/D, 7 D/WK, 52 WK/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
 ID NUMBER CA-0090
 INITIAL REVIEW POST STARTUP
 REVIEW STATUS:
 SOURCE TYPE CODE 3.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION ARGO PETROLEUM, FERNDALE LEASE , CA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
 PERMIT NO. 0330
 DETERMINATION MADE BY VENTURA COUNTY
 (AGENCY)

KEITH DUVAL
 (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/30/83
 ESTIMATED DATE OF START-UP--
 (805)-654-2664
 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
I.C. ENGINE, NATURAL GAS	200.00 HP	NOX	50.0000 PPM CATALYTIC REDUCTION	96.70

NOTES -----
 STATE FILE # A330-031

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
 REVIEW STATUS: INITIAL REVIEW POST STARTUP
 ID NUMBER CA-0074
 SOURCE TYPE CODE 3.3
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION 540.00 MW
 COMPANY NAME/SITE LOCATION CAJUN ELECT. POWER COOP. NEW ROADS, LA POINTE COUPE PARISH

DETERMINATION IS BACT FOR A NEW SOURCE.
 PERMIT NO. (REGION FILE NO.) PSD-LA-062
 DETERMINATION MADE BY EPA REGION VI (AGENCY)
 JOHN BUNYAK
 (AGENCY CONTACT PERSON)
 DATE OF PERMIT ISSUANCE-- 03/30/78
 ESTIMATED DATE OF START-UP--
 (214)-767-1594
 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF
 TURBINE, COAL FIRED 540.00 MW S02 PH LOW SULFUR WESTERN COAL

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.
 REVIEW STATUS: 04/01/1983
 ID NUMBER LA-0001
 INITIAL REVIEW POST STARTUP
 SOURCE TYPE CODE 3.3
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION 6000.00 KW

COMPANY NAME/SITE LOCATION CITY OF AUGUSTA (MUNICIPAL ELECT. SYS, PLANT * AUGUSTA, KS BUTLER COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE. PERMIT NO. DATE OF PERMIT ISSUANCE-- 05/29/81 ESTIMATED DATE OF START-UP-- (S16)-374-6525 (PHONE) DETERMINATION MADE BY EPA REGION VII (AGENCY) STEVE KOVAC (AGENCY CONTACT PERSON)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY EMISSION LIMITS POLLUTANT EMITTED CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF DUAL FUEL ENGINE, GEN. UNIT #10 6000.00 KW NOX 1150.0000 PPM 15% O2 (D) TEST NAAQ CO FUEL STANDARD FUEL OIL S CONTENT-0.7% BY WT. NAAQ

NOTES THE UNIT WILL NOT BE SUBJECT TO PROPOSED SUBPART FF OF THE NSPS REGULATIONS, WHEN PROMULGATED. THE PERMIT, HOWEVER, INCORPORATES SEVERAL PROVISIONS (E.G., PERFORMANCE TEST PROCEDURES, MONITORING OF EMISSIONS, ETC.) OF PROPOSED SUBPART FF AS PER MIT CONDITIONS. TEST DATA USED TO SET NOX STANDARD.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. INITIAL REVIEW POST STARTUP REVIEW STATUS: 04/01/1983 ID NUMBER KS-0007 SOURCE TYPE CODE 3.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION 18611.00 HP
 COMPANY NAME/SITE LOCATION CITY OF KINGMAN P.O. BOX 168 KINGMAN, KS 67068 KINGMAN COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE. DATE OF PERMIT ISSUANCE-- 03/01/83
 PERMIT NO. ESTIMATED DATE OF START-UP-- 1983
 DETERMINATION MADE BY EPA REGION VII CHARLES WHITMORE (816)-374-6525
 (AGENCY) (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT THROUGHPUT EMISSION LIMITS ... & BASIS
 TO THIS PERMIT CAPACITY CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
 IC ENGINE, DUAL FUEL, UNIT 8 3495.00 HP NOX 1150.0000 PPMV, 15% O2, DRY BACT
 EFFICIENT OPERATION OF THE UNIT

NOTES -----
 THE UNIT, A COOPER-BESSEMER MODEL LSV-12-GDT, WAS PREVIOUSLY OPERATED SINCE 1963 BY ANOTHER MUNICIPAL UTILITY. TO ENSURE THAT
 SO2 EMISSIONS WILL NOT INCREASE BY A "SIGNIFICANT" AMOUNT,
 THE AMOUNT OF DISTILLATE FUEL OIL WHICH MAY BE COMBUSTED IS LIMITED TO 10% OF THE TOTAL ANNUAL HEAT INPUT FOR THE UNIT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983
 ID NUMBER KS-0017 SOURCE TYPE CODE 3.3
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION 16624.00 HP (TOTAL, TO BE AD*)

COMPANY NAME/SITE LOCATION CITY OF OTTAWA OTTAWA, KS FRANKLIN COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE. DATE OF PERMIT ISSUANCE-- 12/02/80
 PERMIT NO. ESTIMATED DATE OF START-UP-- 1980
 DETERMINATION MADE BY EPA REGION VII STEVE KOVAC (816)-374-8525
 (AGENCY) (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT THROUGHPUT EMISSION LIMITS ... & BASIS
 TO THIS PERMIT CAPACITY CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

RECIP. ENGINES, 2 DUAL-FIRED I.* 6000.00 KW EA NOX 1150.0000 PPM 15% O2 (D) BACT
 SO2 FUEL STANDARD
 S IN FUEL LIM. TO 0.5% BY WT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1985

PAGE 6- 269 ID NUMBER KS-0004 SOURCE TYPE CODE 3.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION 90.00 MW
 COMPANY NAME/SITE LOCATION EMPIRE DIST. ELECT. CO.
 LARUSSELL STATION , MO LAWRENCE COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
 PERMIT NO. DATE OF PERMIT ISSUANCE-- 01/07/81
 ESTIMATED DATE OF START-UP--
 DETERMINATION MADE BY EPA REGION VII (816)-374-6525
 (AGENCY) DANIEL RODRIGUEZ (PHONE)
 (AGENCY CONTACT PERSON)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS
COMBUSTION TURBINE, SIMPLE-CYC,*	1056.00 MMBTU/H (MA*)	NOX	230.0000 PPMV, 15% O2, (ISO)-STAND. DAY COND. BACT
		CO	56.0000 LB/H BACT
		SO2	21.0000 PPMV FUEL STANDARD
			SEE NOTE

NOTES -----
 THE UNIT IS NOT SUBJECT TO NSPS, SUBPART GG. THE % S CONTENT OF THE FUEL TO BE BURNED IN UNIT 2 IS LIMITED BY PERMIT CONDITION
 S TO 0.6%, BY WT. THE NOX AND CO/BACT LIMITS WERE DERIVED FROM INFO. PROVIDED BY THE TURBINE MANUFACTURER.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983
 ID NUMBER MO-0001 SOURCE TYPE CODE 3.3
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION EXXON CORP.

CONROE, TX

MONTGOMERY COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 9484

DETERMINATION MADE BY

TEXAS ACB

(AGENCY)

RANDY HAMILTON

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE--

ESTIMATED DATE OF START-UP--

(512)-451-5711

(PHONE)

01/29/85

1985

PROCESSES SUBJECT

TO THIS PERMIT

THROUGHPUT

CAPACITY

POLLUTANT

EMITTED

EMISSION LIMITS

CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS

... PCT EFF

ENGINE, GAS FIRED RECIP.

1200.00 HP

NOX

5.0000 G/HP-H

CATALYTIC CONVERTER

BACT

50.00

ENGINE, GAS FIRED RECIP.

1000.00 HP

NOX

5.0000 G/HP-H

CATALYTIC CONVERTER

BACT

50.00

NOTES -----

MAUKESHA P9390GSI, 1200 HP, & L7042GSI, 1000 HP. PERMIT REQUIRES MINIMUM OF 50% REDUCTION OF NOX. HIGHER INITIAL REDUCTIONS EXPECTED.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS:

INITIAL REVIEW POST STARTUP

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ID NUMBER TX-0162

SOURCE TYPE CODE 3.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION

252.00 MW

COMPANY NAME/SITE LOCATION FLORIDA POWER

AVON PARK, FL 33733

HIGHLANDS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. FL 017

DETERMINATION MADE BY FLORIDA DER

(AGENCY)

ED PALAGYI

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/21/81

ESTIMATED DATE OF START-UP-- 1982

(904)-488-1344

(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

TURBINE PEAKING UNITS, 4 EA

63.00 MW

SO2

379.0000 LB/H EA

284.0000 T/YR

BACT

NOX

250.0000 LB/H

187.0000 T/YR

NSPS

CO

86.0000 LB/H

64.0000 T/YR

BACT

WATER INJECTION
CONTROLLED COMBUSTION

NOTES -----

MAXIMUM 1500 HRS OPERATION PER YEAR FOR EACH TURBINE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1993 01/25/1984

ID NUMBER FL-0020

SOURCE TYPE CODE 3.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION GENERAL MOTORS CORP., PROVING GROUNDS MILFORD, MI

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 27-84

DETERMINATION MADE BY MICHIGAN DNR

(AGENCY)

KENNETH TERRY

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/14/84

ESTIMATED DATE OF START-UP-- 1983

(517)-322-1333

(PHONE)

PROCESSES SUBJECT TO THIS PERMIT

THROUGHPUT CAPACITY

POLLUTANT EMITTED

EMISSION LIMITS

CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF

DYNAMOMETER, CAR/TRUCK TESTING

VE 20.0000 % OPACITY

FILTER TOWER, SEE NOTE

NOTES

ONLY BEING USED WHEN 5 OR MORE ENGINES ARE SIMULTANEOUSLY RUNNING OR AN OPACITY PROBLEM EXISTS, OR APPROXIMATELY 1/2 HR PER DAY & 3 1/2 HR PER WEEK.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

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ID NUMBER MI-0026A

SOURCE TYPE CODE 3.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

2672.00 MMBTU/H

OTHER INTERNAL COMBUSTION

SOURCE TYPE/SIZE

GULF STATES UTILITY
13 I.I. S. BATON ROUGE

BATON ROUGE, LA

IBERVILLE PARISH

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-LA-292
DETERMINATION MADE BY EPA REGION VI
(AGENCY)

DATE OF PERMIT ISSUANCE-- 01/30/81
ESTIMATED DATE OF START-UP--
(214)-767-1594
(PHONE)
JOHN BUNYAK
(AGENCY CONTACT PERSON)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY POLLUTANT EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF

COMBUSTION TURBINE(2) 1336.00 MMBTU/H

S02	5.5000 LB/H 0.0040 LB/MMBTU GAS	NATURAL GAS FIRING	NSPS
NOX	334.0000 LB/H 0.2500 LB/MMBTU GAS	STEAM/WATER INJECTION	NSPS
CO	125.0000 LB/H 0.0900 LB/MMBTU GAS	COMBUSTION CONTROLS	BACT
PM	1.0000 LB/H 0.0010 LB/MMBTU GAS	NATURAL GAS FIRING	BACT
S02	296.0000 LB/H 0.2200 LB/MMBTU OIL	.28% S. FUEL OIL	NSPS
NOX	362.0000 LB/H 0.2700 LB/MMBTU OIL	STEAM/WATER INJECTION	NSPS
CO	216.0000 LB/H 0.1600 LB/MMBTU OIL	COMBUSTION CONTROLS	BACT
PM	33.0000 LB/H 0.0250 LB/MMBTU OIL	.1% ASH FUEL OIL	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1993

(CONTINUED) GULF STATES UTILITY

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				

NOTES

TWO COMBUSTION TURBINES ARE PERMITTED TO FIRE EITHER NATURAL GAS OR FUEL OIL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

ID NUMBER LA-0005

SOURCE TYPE CODE 3.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION 100.00 MW
 COMPANY NAME/SITE LOCATION GULF STATES UTILITY
 8 MI NW OF LAKE CHARLES LAKE CHARLES, LA CALCASIEU PARISH

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
 PERMIT NO. (REGION FILE NO.) PSD-LA-294
 DETERMINATION MADE BY EPA REGION VI
 (AGENCY) JOHN BUNYAK
 (AGENCY CONTACT PERSON) DATE OF PERMIT ISSUANCE-- 12/22/80
 ESTIMATED DATE OF START-UP--
 (214)-767-1594
 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE	1396.00 MMBTU/H	SO2	0.3500 LB/MMBTU OIL 0.0010 LB/MMBTU GAS	NSPS
		NOX	LOW SULFUR OIL (0.46%) 0.2600 LB/MMBTU OIL 0.2500 LB/MMBTU GAS	NSPS
		CO	WATER/STEAM INJECTION 0.1600 LB/MMBTU OIL 0.0900 LB/MMBTU GAS	60.00 BACT
		PM	EFFICIENT DESIGN 0.0900 LB/MMBTU OIL 0.0010 LB/MMBTU GAS	BACT
			LOW ASH OIL (0.1%)	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION 23.30 MKW

COMPANY NAME/SITE LOCATION HOFFMANN-LAROCHE, INC.
MANUNKACHUNK AVENUE BELVIDERE, NJ 07823 WARREN COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. DATE OF PERMIT ISSUANCE-- 08/17/81
DETERMINATION MADE BY EPA REGION II ESTIMATED DATE OF START-UP--
(AGENCY) LARRY KARAS (212)-264-9538
(AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT THROUGHPUT EMISSION LIMITS ... & BASIS
TO THIS PERMIT CAPACITY CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
DIESEL ENGINE, W/WASTE HEAT BOI* 23.30 MKW
NOX 2272.0000 T/1R WASTE HEAT BOILER NSQS
RETARD. FUEL INJ. TIMING

NOTES
SPECIFIC LIMITATIONS IN TERMS OF CAPACITY SHALL BE MET (AS PERMIT CONDITIONS) FOR THE OPERATION OF THE DIESEL COGENERATION FACILITY IN COMBINATION WITH SOME OF THE FIVE EXISTING BOILERS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983
ID NUMBER NJ-1003 SOURCE TYPE CODE 3.3
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION
 COMPANY NAME/SITE LOCATION KILN-GAS R & D INC. WOOD RIVER, IL MADISON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE. DATE OF PERMIT ISSUANCE--
 PERMIT NO. 62 07 0021 ESTIMATED DATE OF START-UP-- 1984
 DETERMINATION MADE BY ILLINOIS EPA CHRIS ROMAINE (217)-782-2113
 (AGENCY) (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, COAL GAS FIRED		SO2	150.0000 PPM	NSPS
		NOX	75.0000 PPM	NSPS
		CO	290.0000 LB/H	
			EQUIPMENT DESIGN	

NOTES -----
 TURBINE IS TO BE USED IN A 3 YR EXPERIMENTAL PROGRAM IN ASSOCIATION WITH A 600 TON PER DAY COAL GASIFICATION DEMONSTRATION PROJECT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983
 ID NUMBER IL-0019 SOURCE TYPE CODE 3.3
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION MUNICIPAL GENERATING PLANT

BELOIT, KS

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

DATE OF PERMIT ISSUANCE--

PERMIT NO. DETERMINATION MADE BY EPA REGION VII (AGENCY)

ESTIMATED DATE OF START-UP-- (816)-374-6525

STEVE KOVAC (AGENCY CONTACT PERSON)

(PHONE)

PROCESSES SUBJECT TO THIS PERMIT

THROUGHPUT CAPACITY

POLLUTANT EMITTED

EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS ... PCT EFF

ENGINE-GENERATOR

6000.00 KW

NOX 1150.0000 PPMV 15% O2, DRY BASIS

SO2 FUEL STANDARD

CO S CONTENT LIM. TO 0.7% BY WT.

NOTES

TEST DATA USED TO ESTABLISH NOX STANDARD

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP REVIEW STATUS: 04/01/1983

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ID NUMBER KS-0014

SOURCE TYPE CODE 3.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION 250.00 MW

COMPANY NAME/SITE LOCATION NEVADA PKR CO./REID GARDNER STATION MOAPA, NV

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
 PERMIT NO. (REGION FILE NO.) NV 79-03
 DETERMINATION MADE BY EPA REGION IX
 (AGENCY)

JIM HANSON
 (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/03/80
 ESTIMATED DATE OF START-UP-- 1983
 (415)-974-8038
 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR	250.00 MW	SO2	0.2500 LB/MMBTU WET SCRUBBER	85.00
		NOX	0.5000 LB/MMBTU SB. COAL 0.6000 LB/MMBTU BIT. COAL	
		PM	0.0300 LB/MMBTU PROPER BOILER DESIGN & OPER. BAGHOUSE	99.60

NOTES -----
 ALL EMISSION LIMITS ARE BASED ON: NSPS, AND BACT DETERMINED BY TECHNOLOGY ANDECONOMICS. ADDITION OF GENERATOR TO AN EXISTING FACILITY.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983 02/13/1984

PAGE G- 280 ID NUMBER NV-0004 SOURCE TYPE CODE 3.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

4.20 MMCF/YR

OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION ORGANIC FUEL PRODUCTION, INC.

, TX

LUBBOCK COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. X-4141

DETERMINATION MADE BY TEXAS ACB

(AGENCY)

GARY WALLIN

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 02/16/83

ESTIMATED DATE OF START-UP-- 1983

(512)-451-5711

(PHONE)

PROCESSES SUBJECT

TO THIS PERMIT

DIGESTERS, 7

THROUGHPUT

CAPACITY

4.20 MMCF/YR

EMISSION LIMITS

POLLUTANT

EMITTED

PM

0.0100 T/YR

SO2

0.0020 T/YR

NOX

0.2100 T/YR

... & BASIS

CONTROL EQUIPMENT OR PROCESS MODIFICATION

... PCT EFF

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 05/04/1994

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ID NUMBER TX-0113

SOURCE TYPE CODE 3.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

4130.00 HP

OTHER INTERNAL COMBUSTION

SOURCE TYPE/SIZE

BAY AREA, CA

COMPANY NAME/SITE LOCATION P G & E - LOS MEDANOS COMPRESSORS

DETERMINATION IS LAER FOR A NEW SOURCE.

PERMIT NO. 27512

DETERMINATION MADE BY BAY AREA AQMD

(AGENCY)

JOHN LAIRD

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/08/81
ESTIMATED DATE OF START-UP--
(415)-771-6000
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS
... PCT EFF

I.C. ENGINE, NAT. GAS FIRED 4130.00 HP

NOX

1.7500 G/HP-H

275.0000 LB/D

ENGINE MOD. & STRATIFIED CHARGE

LAER

NOTES

OPERATES 24 H/D, 7 D/WK, 50 WK/YR. STACK TEST WAS DONE - P G & E SOURCE TEST NUMBER 453-82.10

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

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ID NUMBER CA-0106

SOURCE TYPE CODE 3.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION PACIFIC ENERGY RESOURCES

, CA

KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 0083001

DETERMINATION MADE BY

KERN COUNTY APCO

(AGENCY)

TOM PAXSON

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 11/14/84

ESTIMATED DATE OF START-UP--

(805)-861-3682

(PHONE)

PROCESSES SUBJECT

TO THIS PERMIT

I.C. ENGINE, GAS FIRED

THROUGHPUT

CAPACITY

2650.00 HP

POLLUTANT

EMITTED

NOX

8.2500 LB/H

CLEAN BURNING

EMISSION 'IMITS

CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS

... PCT EFF

60.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS:

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ID NUMBER CA-0086

SOURCE TYPE CODE

3.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION 1490.00 KW
 COMPANY NAME/SITE LOCATION PACIFIC LIGHTING ENERGY SYSTEMS , CA

DETERMINATION IS LAER FOR A NEW SOURCE. DATE OF PERMIT ISSUANCE-- 01/28/85
 PERMIT NO. A/C 3158 ESTIMATED DATE OF START-UP-- 1985
 DETERMINATION MADE BY MONTEREY BAY UNIFIED APCD FRED THOITS (408)-443-1135
 (AGENCY) (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY POLLUTANT EMISSION LIMITS ... & BASIS
 I.C. ENGINE, LANDFILL GAS FIRED 2000.00 BHP NOX 1.5000 G/HP-H ... PCT EFF
 6.2500 LB/H ENGINE DESIGN, CLEAN BURN LAER

NOTES
 OPERATES 24 H/D, 365 D/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. INITIAL REVIEW POST STARTUP
 REVIEW STATUS: SOURCE TYPE CODE 3.3
 ID NUMBER CA-0103

APPENDIX -- DETAILED SOURCE LISTING

05/21/1995

160.00 MHP

OTHER INTERNAL COMBUSTION

PRUDHOE BAY, AK

FRUDHOE BAY CONSORTIUM

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-X31-13
DETERMINATION MADE BY EPA REGION X
(AGENCY)

DATE OF PERMIT ISSUANCE-- 12/17/80
ESTIMATED DATE OF START-UP--
(206)-442-1193
(PHONE)

PAUL BOYS
(AGENCY CONTACT PERSON)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
-------------------------------------	------------------------	----------------------	--	----------------------------

GAS TURBINE, 10	16.00 MHP EA	NOX	150.0000 PPM	BACT
-----------------	--------------	-----	--------------	------

		CO	109.0000 LB/MMSCF FUEL	BACT
--	--	----	------------------------	------

DRY CONTROLS
LB/MMSCF FUEL

MONTGOMERY PROPER COMBST. COND.

GAS HEATERS

		NOX	0.0800 LB/MMBTU	BACT
--	--	-----	-----------------	------

LOW NOX BURNERS

LB/MMBTU

MONTGOMERY PROPER COMBST. COND.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

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ID NUMBER AK-0003

SOURCE TYPE CODE 3.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION 2635.00 KW

COMPANY NAME/SITE LOCATION SANTA CRUZ COGENERATION ASSOC. SANTA CRUZ, CA

DETERMINATION IS LAER FOR A MODIFIED SOURCE.

PERMIT NO. A/C 3048

DETERMINATION MADE BY

MONTEREY BAY UNIFIED APCD

B. NISHIMURA

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/23/84
ESTIMATED DATE OF START-UP-- 1985
(408)-443-1135
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY 3656.00 BHP
POLLUTANT EMITTED NOX 3.7000 G/HP-H
EMISSION LIMITS 29.8000 LB/H
CONTROL EQUIPMENT OR PROCESS MODIFICATION ENGINE DESIGN
... & BASIS ... PUT EFF

I.C. ENGINE, DIESEL FUEL

3656.00 BHP

NOX

3.7000 G/HP-H

29.8000 LB/H

ENGINE DESIGN

715.0000 LB/D

ENGINE DESIGN

LAER

LAER

NOTES

EQUIPMENT CONSTRAINT ON DIESEL FUEL STAND-BY FIRING CAPABILITY DUE TO UNIV. RESEARCH. OPERATES 7 D/WK, 52 WK/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION SEA WORLD, INC.
1720 SOUTH SHORES RD. SAN DIEGO, CA 92109

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 7801

DETERMINATION MADE BY

SAN DIEGO APCD
(AGENCY)

GUS ANDERSON
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 06/11/82
ESTIMATED DATE OF START-UP-- 1981
(619)-565-3925
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

I.C. PISTON ENGINE

THROUGHPUT
CAPACITY
7.10 MMBTU/H

POLLUTANT
EMITTED

NOX
CO

1.8000 LB/MMBTU SEE NOTE
SINGLE STAGE CATALYTIC CONVERTER
1.5000 LB/MMBTU SEE NOTE
SINGLE STAGE CATALYTIC CONVERTER

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

NOTES

COGENERATION UNIT CONSISTING OF 930 BHP I.C. PISTON ENGINE, NATURAL GAS FUELED, 630 KW ELECTRIC GENERATOR AND EQUIPPED FOR WAS
TE HEAT RECOVERY.
BEFORE USING THE EMISSION UNITS SHOWN, THE SAN DIEGO AGENCY SHOULD BE CONTACTED.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

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ID NUMBER CA-0042

SOURCE TYPE CODE 3.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION SEA WORLD, INC.
1720 SOUTH SHORES RD. SAN DIEGO, CA 92109

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 8134 DATE OF PERMIT ISSUANCE-- 05/12/83
DETERMINATION MADE BY SAN DIEGO APCD ESTIMATED DATE OF START-UP-- 1983
(AGENCY) (AGENCY CONTACT PERSON) GUS ANDERSON
(PHONE) (619)-565-3925

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
I.C. PISTON ENGINE	7.10 MMBTU/H	NOX	0.2480 LB/MMBTU 2 STAGE CATALYTIC CONVERTER	90.00
		CO	0.2300 LB/MMBTU 2 STAGE CATALYTIC CONVERTER	90.00

NOTES -----
COGENERATION UNIT CONSISTING OF 930 BHP I.C. PISTON ENGINE, NATURAL GAS FUELED, 630 KW ELECTRIC GENERATOR AND EQUIPPED FOR WAS TE HEAT RECOVERY. PERMIT PENDING

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983
ID NUMBER CA-0042A
SOURCE TYPE CODE 3.3
PAGE G- 288

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION 40.00 MW

COMPANY NAME/SITE LOCATION SEBRING UTILITIES COMMISSION
358 S. COMMERCE AVE. P.O. BOX*

SEBRING, FL 33870

HIGHLANDS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-FL-071
DETERMINATION MADE BY FLORIDA DER
(AGENCY)ED PALAGYI
(AGENCY CONTACT PERSON)DATE OF PERMIT ISSUANCE-- 04/03/81
ESTIMATED DATE OF START-UP-- 1983
(904)-488-1344
(PHONE)PROCESSES SUBJECT THROUGHPUT EMISSION LIMITS ... & BASIS
TO THIS PERMIT CAPACITY CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

DIESEL ENGINES 19.53 MW EA

NOX	819.0000	PPMV	COMBUSTION CONTROL	NSPS
SO2	2.6700	LB/M ³ STU		BACT
PM	0.1000	LB/M ³ STU	2.5% SULFUR OIL	BACT
CO	0.5750	LB/M ³ STU	COMBUSTION CONTROL	NSPS
VOC	0.2600	LB/M ³ STU	EQUIPMENT OPERATION	NSPS
			EQUIPMENT OPERATION	

NOTES -----
HUGE SLOW-SPEED RECIPROCATING INTERNAL COMBUSTION ENGINES TO DRIVE ELECTRICAL GENERATORS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 01/25/1984

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ID NUMBER FL-0025

SOURCE TYPE CODE 3.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION

27.50 MMCFD

COMPANY NAME/SITE LOCATION SHELL OIL CO.

NEAR MCCAMEY, TX

UPTON COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
 PERMIT NO. (REGION FILE NO.) PSD-TX-360
 DETERMINATION MADE BY EPA REGION VI
 (AGENCY)

DATE OF PERMIT ISSUANCE-- 03/27/81
 ESTIMATED DATE OF START-UP-- 1981
 (214)-767-1594
 (PHONE)

BILL TAYLOR
 (AGENCY CONTACT PERSON)

PROCESSES SUBJECT
 TO THIS PERMIT

THROUGHPUT
 CAPACITY

POLLUTANT
 EMITTED

EMISSION LIMITS
 CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
 ... PCT EFF

I.C. ENGINES, RECIPROCATING FUE* 1215.00 HP

NOX

10.0000 G/HP-H

DERATED OLD ENGINES

BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
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ID NUMBER TX-0030

SOURCE TYPE CODE 3.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE

OTHER INTERNAL COMBUSTION

2200.00 KW

COMPANY NAME/SITE LOCATION SOLEDAD COGENERATION ASSOC.

, CA

DETERMINATION IS LAER FOR A NEW SOURCE.

PERMIT NO. A/C 3043, 4

DETERMINATION MADE BY

MONTEREY BAY UNIFIED APCO

(AGENCY)

P. NISHIMURA

(AGENCY CONTACT PERSON)

(PHONE)

PROCESSES SUBJECT TO THIS PERMIT

THROUGHPUT CAPACITY

POLLUTANT EMITTED

EMISSION LIMITS

CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS ... PCT EFF

I.C. ENGINE, 2,NAT. GAS COGENER* 1100.00 KW EA

NOX

1.0000 G/BHP-H

4.7000 LB/H

CATALYTIC CONVERTER

LAER

NOTES -----

OPERATES 24 H/D, 365 D/YR

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

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REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0102

SOURCE TYPE CODE 3.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION 12000.00 KW

COMPANY NAME/SITE LOCATION TRENTON DISTRICT ENERGY CO.
S. HARRIS BET. LIVINGSTON & F* TRENTON, NJ MERCER COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. DATE OF PERMIT ISSUANCE-- 10/29/81
DETERMINATION MADE BY EPA REGION II ESTIMATED DATE OF START-UP--
(AGENCY) LARRY KARAS (212)-264-9538
(AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DIESEL ENGINES, W/2 SUP. FIRED *	6.00 MKW EA	PM	71.0000 T/YR	
			SUPPLEMENTARY FIRED BOILERS	
			PROPER COMBST. OF EXHAUST GASES	
		SO2	482.0000 T/YR	SIP
			LOW SULFUR FUEL	
		NOX	1869.0000 T/YR	DESI
			USE OF MANUFACT. ENG. MOD.	

NOTES

GOOD COMBUSTION PRACTICE & USE OF LOW SULFUR FUEL OIL, 0.5% BY WT., & USE OF NATURAL GAS AS AVAILABLE, ARE REQUIRED FOR WASTE H
EAT BOILERS. BASIS FOR PM CONTROL IS CONTROL EQUIPMENT.
BASIS FOR PM CONTROL IS CONTROL EQUIPMENT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - CANS/COILS

COMPANY NAME/SITE LOCATION BALL METAL CONTAINER GROUP EAST FINDLAY, OH

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. 03-1025 DATE OF PERMIT ISSUANCE-- 04/10/81
 DETERMINATION MADE BY OHIO EPA NWD ESTIMATED DATE OF START-UP-- 1981
 (AGENCY) DON WALTERMEYER (419)-352-8461
 (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
EXTERIOR BASE OPERATION	300.00 MM CANS/LIN*	VOC	0.3600 KG/L COATING SOLIDS THERMAL INCINERATOR	NSPS 85.00
INTERNAL COAT	300.00 MM CANS/LIN*	VOC	0.5400 LB/GAL COATING MINUS H2O	BACT

NOTES

PERMIT REQUIRES THAT VOC EMISSIONS SHALL NOT EXCEED ANY NSPS LIMITS APPLICABLE TO BEVERAGE CAN SURFACE COATING. IT REQUIRES TH E SOURCE TO NOTIFY OF 1) CONSTRUCTION DATE, 2) ANTICIPATED STARTUP DATE, 3) ACTUAL STARTUP DATE, AND 4) DATE OF PERFORMANCE TESTING

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - CANS/COILS

COMPANY NAME/SITE LOCATION CONTINENTAL CAN CO., USA PLANT #82 WEST CARROLLTON, OH

DETERMINATION IS LAER FOR A NEW SOURCE.

PERMIT NO. 0857101741

DETERMINATION MADE BY

REGIONAL APCA
(AGENCY)

JAMES GROSS
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/01/83
ESTIMATED DATE OF START-UP-- 1983
(513)-225-4435
(PHONE)

PROCESSES SUBJECT

TO THIS PERMIT

THROUGHPUT
CAPACITY

4.70 GAL/H

POLLUTANT
EMITTED

VOC

3.0900 LB/GAL COMPOUND, MINUS H2O
38.1600 T/YR

... & BASIS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

END SEAM COMPOUND

TECH

NOTES -----

PHASED INSTALLATION OF 4 LINES, 4 MACHINES EA., WILL OCCUR IN A 6 MONTH PERIOD. IN APRIL, 1984, CONTINENTAL CAN WILL BEGIN EM
PLOYING A NEW END SEAM COMPOUND
WHICH WILL BE COMPOSED OF A VOC CONTENT LESS THAN 3.09 LB/GAL, MINUS WATER.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

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ID NUMBER CH-0047

SOURCE TYPE CODE 4.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - CANS/COILS

CCOMPANY NAME/SITE LOCATION EVANS COOPERAGE CO., INC.

TULSA, OK

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. T82-31

DETERMINATION MADE BY

TULSA CITY-COUNTY HEALTH DEPT

(AGENCY)

JIM VAN SANDT

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE--

05/04/82

ESTIMATED DATE OF START-UP--

1983

(918)-744-1000

(PHONE)

PROCESSES SUBJECT

TO THIS PERMIT

THROUGHPUT

CAPACITY

POLLUTANT

EMITTED

EMISSION LIMITS

CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS

... PCT EFF

HAND SPRAY DRUM PAINTING

72.00 DRUMS/H

VOC

15.6800 LB/H

HIGH SOLIDS PAINT, 43.9% SOLIDS

12.90

NOTES -----

1) VOC REDUCTION IN PAINTS BACT BECAUSE OF ECONOMIC FACTOR. ANY OTHER CONTROLS WOULD HAVE COST 50% OF THE TOTAL INVESTMENT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

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ID NUMBER OK-0015

SOURCE TYPE CODE

4.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - CANS/COILS 600.00 MM CANS/YR

COMPANY NAME/SITE LOCATION MILLER BREWING CO. MOULTRIE, GA

DETERMINATION IS BACT FOR A NEW SOURCE. DATE OF PERMIT ISSUANCE-- 07/02/79
 PERMIT NO. 3411-035-6906-C ESTIMATED DATE OF START-UP-- 1981
 DETERMINATION MADE BY GEORGIA EPD HAI CHANG (404)-656-6900
 (AGENCY) (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BASE COATING	298.00 T/YR	VOC	1.8500 LB/GAL COATING MINUS H2O LOW SOLVENT COATING	
INTERIOR BODY SPRAYING	182.00 T/YR	VOC	3.9900 LB/GAL COATING MINUS H2O LOW SOLVENT COATING	
OVERVARNISH	76.00 T/YR	VOC	2.3300 LB/GAL COATING MINUS H2O LOW SOLVENT COATING	
END SEALING COMPOUND	66.00 T/YR	VOC	3.7000 LB/GAL COATING MINUS H2O LOW SOLVENT COATING	

NOTES -----
 PLANT CURRENTLY DOES NOT PERFORM ANY BASE COATING OPERATION. COMPLIANCE COATINGS ARE NOW BEING USED FOR THE OTHER THREE COATING OPERATIONS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983

PAGE G- 296 ID NUMBER GA-0011 SOURCE TYPE CODE 4.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - CANS/COILS

COMPANY NAME/SITE LOCATION NATIONAL CAN CORP.

CHICAGO, IL

COOK COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE.

PERMIT NO. C 7906091

DETERMINATION MADE BY ILLINOIS EPA (AGENCY)

CHRIS ROMAINE

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 11/09/81
ESTIMATED DATE OF START-UP-- 1983
(217)-782-2113
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT

THROUGHPUT CAPACITY

POLLUTANT EMITTED

EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS ... PCT EFF

COATER & OVENS

VOC

209.6000 T/YR

COATING BREAKDOWN SEE NOTES

LAER

NOTES

COATING SOLVENT LIMITATION - INSIDE SPRAY 3.63 LB/GAL, BOTTOM END SPRAY 2.1 LB/GAL, OVERVARNISH 2.1 LB/GAL, BASECOAT 1.6 LB/GAL

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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REVIEW STATUS: 04/01/1983 04/04/1984

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ID NUMBER IL-0011

SOURCE TYPE CODE 4.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - CANS/COILS

COMPANY NAME/SITE LOCATION PREFINISH METALS

WALBRIDGE, OH

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 03-746
DETERMINATION MADE BY OHIO EPA NWD
(AGENCY)

DATE OF PERMIT ISSUANCE-- 05/04/79
ESTIMATED DATE OF START-UP-- 1981
(419)-352-8461
(PHONE)

CHUCK HULL
(AGENCY CONTACT PERSON)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

2 COIL COATERS & OVENS

700000.00 T/H VARIES

VOC

37.0000 LB/H

AFTERBURNERS

97.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

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ID NUMBER OH-0039

SOURCE TYPE CODE 4.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - CANS/COILS

COMPANY NAME/SITE LOCATION STROH CONTAINER

FREMONT, OH

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 03-807

DETERMINATION MADE BY OHIO EPA NHD
(AGENCY)

DON WALTERMEYER
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 08/30/79
ESTIMATED DATE OF START-UP-- 1981
(419)-352-8461
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

BASE, BOTTOM, AND INTERNAL COAT* 3000.00 CANS/MIN.

VOC

40.0000 T/YR

CATALYTIC INCINERATOR

90.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

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ID NUMBER OH-0036

SOURCE TYPE CODE 4.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION ALLIED PRINTERS & PUBLISHERS, INC. TULSA, OK

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. T80-74

DETERMINATION MADE BY

TULSA CITY-COUNTY HEALTH DEPT

(AGENCY)

JIM VAN SANDT

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/13/81

ESTIMATED DATE OF START-UP-- 1980

(918)-744-1000

(PHONE)

PROCESSES SUBJECT TO THIS PERMIT

THROUGHPUT CAPACITY

POLLUTANT EMITTED

EMISSION LIMITS

CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS ... PCT EFF

WEB OFFSET PRINTING PRESS

800.00 FT/SEC

VOC

0.7140 LB/H

STRAIGHT FLAME INCIN., W/PREHEATER
HIGH SOLIDS INK (68%)

90.00

NOTES

1) DECREASE IN VOC CONTENT. EFFICIENCY = 12.5%. 2) CONVERSION OF PHOTOCHEMICAL REACTANTS TO NON-REACTANT MATERIALS. EFFICIENCY = 90%

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1993

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ID NUMBER OK-0016

SOURCE TYPE CODE 4.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATINGS - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION ARKRIGHT, INC.

FISKEVILLE, RI

DETERMINATION IS LAER FOR A MODIFIED SOURCE.

DATE OF PERMIT ISSUANCE-- 06/05/84

PERMIT NO. 661
DETERMINATION MADE BY RHODE ISLAND DAHM
(AGENCY)

ESTIMATED DATE OF START-UP-- 1984
(431)-277-2808
(PHONE)

DOUG McVAY
(AGENCY CONTACT PERSON)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

COATING LINE, FILM

100.00 FT/H

VOC

38.0000 LB/H

THERMAL AFTERBURNER

LAER
85.00

NOTES

1.) 85% EFFICIENCY EQUALS 90% CAPTURE & 95% CONTROL, 90% CAPTURE IS ESTIMATED. 2) 38 LB/H IS BASED ON 262. LB/H GENERATED FROM THE PROCESS. 3) THE MACHINE WAS MOVED HERE FROM ANOTHER STATE WHERE IT PREVIOUSLY OPERATED UNCONTROLLED.
NOTE -- ALSO PERMIT NUMBER 662.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 08/22/1984

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - PAPERS/FABRICS
 COMPANY NAME/SITE LOCATION AVERY INTERNAT PAINESVILLE TWP., OH LAKE COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE.
 PERMIT NO. 0243110957
 DETERMINATION MADE BY OHIO EPA NED (AGENCY)
 DENNIS BUSH (AGENCY CONTACT PERSON)
 DATE OF PERMIT ISSUANCE-- 06/11/81
 ESTIMATED DATE OF START-UP-- (216)-425-9171 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
VINYL AND PAPER COATING LINE	63.90 GAL/H	VOC	2.6000 LB/GAL COAT. APPLIED 132.8000 T/YR LOW SOLVENT COATING	LAER

NOTES -----
 LAER LIMITS AND ANNUAL MAX. EMISSION IMPOSED BY PERMIT CONDITIONS WHICH REQUIRES REDUCTIONS FROM SOURCE K007 OF 159.4 TPY TO P
 PROVIDE THE OFFSET AND FURTHER REDUCTIONS FROM 6 (CONT. 27)
 OTHER COATING LINES TO LIMIT VOC EMISSIONS TO 2.05 LB/GAL, EXCL. WATERBY 4-1-82

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
 ID NUMBER OH-0014
 INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983
 SOURCE TYPE CODE 4.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION BROWN BRIDGE MILLS, DIV. OF KIMBERLY CL* TROY, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 08-764
DETERMINATION MADE BY DAYTON RAPCA
(AGENCY)

TIM WILSON
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/01/85
ESTIMATED DATE OF START-UP-- 1985
(513)-225-4435
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT
THROUGHPUT CAPACITY 1000.00 GAL/H

POLLUTANT EMITTED
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF

COATING LINE, #19 1000.00 GAL/H VOC 0.1700 LB/GAL
4.0000 EE-3 LB/GAL
SEE NOTE BACT

NOTES -----
0.17 LB VOC/GAL LIMIT IS FOR A SILICON COATING & 0.004 LB VOC/GAL LIMIT IS FOR A PRESSURE SENSITIVE ADHESIVE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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REVIEW STATUS:

ID NUMBER OH-0070

INITIAL REVIEW POST STARTUP

SOURCE TYPE CODE 4.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - PAPERS/FAERICS

COMPANY NAME/SITE LOCATION DIETZGEN CORP. DES MOINES, IL

DETERMINATION IS LAER FOR A NEW SOURCE.

PERMIT NO. C8006034

DETERMINATION MADE BY EPA REGION V

(AGENCY)

CHRIS ROMANE

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/11/80
ESTIMATED DATE OF START-UP-- 1982

(217)-782-2113

(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

ROLLER COATER LINE

VOC

0.6000 LB/GAL COATING
AFTERBURNER

LAER
90.00

NOTES -----
90% EFFICIENCY REQUIRED OF AFTERBURNER SYSTEM (CAPTURE & DESTRUCTION).

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 04/04/1984

ID NUMBER IL-0013

SOURCE TYPE CODE 4.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - PAPERS/FABRICS 240.00 LB/H

COMPANY NAME/SITE LOCATION FRYE COPY SYS, INC GOSHEN, IN

DETERMINATION IS BACT FOR A NEW SOURCE.
 PERMIT NO. PC(20)1480
 DETERMINATION MADE BY INDIANA APCD
 (AGENCY)

FRANK PROFIT
 (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 11/07/00
 ESTIMATED DATE OF S-ART-UP--
 (317)-633-0664
 (PHONE)

PROCESSES SUBJECT THROUGHPUT EMISSION LIMITS ... & BASIS
 TO THIS PERMIT CAPACITY CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

PAPER COATING LINE 240.00 LB/H VOC 25.0000 T/YR CARBON ABSORBER 95.00

NOTES -----
 4000 HRS/YEAR OPERATION

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983

SOURCE TYPE CODE 4.2

ID NUMBER IN-0019

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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION GAZETTE PRESS PRINTING PITTSBURGH, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
 PERMIT NO. 23925 DATE OF PERMIT ISSUANCE-- 12/20/82
 DETERMINATION MADE BY DAY AREA AQMD ESTIMATED DATE OF START-UP-- 1983
 (AGENCY) (415)-771-6000
 (AGENCY CONTACT PERSON) (PHCNE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYING OVENS	12950.00 CF/M	VOC	9.0000 LB/D FUME INCINERATOR	95.00

NOTES -----
 FUME INCINERATOR 12950 CFM KATEC, TVA-812, FILE A 340-007. SOURCE OPERATES 12 H/D, 6 D/WEEK, 52 WEEK/YR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
 INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/19/1984
 ID NUMBER CA-0054
 SOURCE TYPE CODE 4.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION H.S. CROCKER CO. PRINTING SAN BERNARD, CA

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 28709

DETERMINATION MADE BY BAY AREA AQMD

(AGENCY)

MOHAMAD MDZED

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/21/82

ESTIMATED DATE OF START-UP--

(415)-771-6000

(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS

CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

PRINTING PRESS, 64 INCH

VOC 415.0000 LB/D

SEE NOTE

NOTES -----

VOC<2.5 LB/GAL LIMIT VOC CONTENT OF INKS. FILE A 340-008. SIX COLOR PRESS OPERATES 14 H/D, 5 D/WEEK, 48 WEEK/YR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/19/1984

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION INLAND, DIVISION OF G.M. CORP.

VANDALIA, OH

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. 0857170125 K001

REGIONAL APCA
(AGENCY)

JAMES GROSS
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/18/80
ESTIMATED DATE OF START-UP-- 1977
(513)-225-4435
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

LENEO GRAVURE VINYL COATER
THROUGHPUT
CAPACITY
45.00 GAL/H

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

TECH
73.00

VOC 83.8400 LB/H
CARBON ADSORPTION

NOTES -----
THE 73% EFFICIENCY REPRESENTS THE FIRST EFFICIENCY DETERMINATION. SEMI-ANNUAL EVALUATIONS WILL BE PERFORMED.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

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ID NUMBER OH-0048

SOURCE TYPE CODE 4.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION INTERNAT. LABEL MFG. FAC.

CLARKSVILLE, TN

MONTGOMERY COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE.

PERMIT NO. PSD-TN-060

DETERMINATION MADE BY

TENNESSEE APCD

(AGENCY)

ANGIE PITCOCK

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/26/80

ESTIMATED DATE OF START-UP--

(615)-741-3651

(PHONE)

PROCESSES SUBJECT TO THIS PERMIT

THROUGHPUT CAPACITY

POLLUTANT EMITTED

EMISSION LIMITS

CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS ... PCT EFF

PAPER PRINTING

3454.00 LB/H

VOC

46.9400 T/YR

CARBON ADSORP. BEDS + INCIN.

LAER

99.90

BOILERS, NAT. GAS, 3 EA

SO2

152.8800 T/YR

BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1985

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ID NUMBER TN-0004

SOURCE TYPE CODE 4.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION ITEN FIBRE CO.

ASHTABULA, OH

ASHTABULA COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 0204010112
DETERMINATION MADE BY OHIO EPA NED
(AGENCY)

DATE OF PERMIT ISSUANCE-- 12/23/81
ESTIMATED DATE OF START-UP--
(216)-425-9171
(PHONE)
DENNIS BUSH
(AGENCY CONTACT PERSON)

PROCESSES SUBJECT
TO THIS PERMIT
RESIN COATING LINE

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

VOC 2.9000 LB/GAL COAT. APPLIED
516.0000 T/YR
LOW SOLVENT COATING

LAER

NOTES

COMPANY TO REPORT QUARTERLY OR MONTHLY COATING USE, TOTAL VOC EMISSIONS, AND LB/GAL VOC EMISSIONS RATE.
OFFSETS NOT REQUIRED RURAL AREA.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

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ID NUMBER CH-0015

SOURCE TYPE CODE 4.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - PAPERS/FABRICS 450.00 LB/H

COMPANY NAME/SITE LOCATION MURRAY RUBBER, (MEAD COMPANY) HOUSTON, TX 77040

HARRIS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 9040

DETERMINATION MADE BY TEXAS ACB

(AGENCY)

ART KELLOGG

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/01/82

ESTIMATED DATE OF START-UP-- 1982

(512)-451-5711

(PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY 450.00 LB/H

FABRIC COATER

POLLUTANT EMISSION LIMITS

CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS

... PCT EFF

450.00 LB/H

VOC

27.0000 LB/H

THERMAL OXIDIZER

90.00

NOTES

THIS SYSTEM REDUCES EMISSIONS TO 0.83 LB/GAL APPLIED W/GREATER THAN 90% EFFICIENCY (MAXIMUM). TACB REGULATIONS & EPA GUIDELINE S ALLOW A MAX. OF 2.9 LB/GAL APPLIED. THE OXIDIZER REQUIRES NO FUEL FOR OPER. OTHER THAN THE DRYER EMIS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION NDH CORP. MORaine, OH

DETERMINATION IS LAER FOR A NEW SOURCE.

PERMIT NO. 0657101457 K001

DETERMINATION MADE BY

RAPCA - DAYTON, OH
(AGENCY)

THURMAN SMITH
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/23/82
ESTIMATED DATE OF START-UP-- 1982
(513)-225-4435
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

PAPER COATING

30.00 FT/MIN

POLLUTANT
EMITTED

VOC

19.0000 LB/H
11.4000 T/YR

THERMAL INCINERATOR

99.70

... & BASIS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

NOTES

THERMAL INCINERATOR WAS TESTED AT 99.7% OVERALL EFFICIENCY. COATING MUST MEET 2.9 LB VOC/GAL COATING OR CONTROL EQUIPMENT MUST PROVIDE AN EMISSION REDUCTION OF 50.5%. PERMIT RESTRICTS OVERALL EFFICIENCY TO NO LESS THAN 85.5%.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 02/13/1984

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ID NUMBER OH-0043

SOURCE TYPE CODE 4.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION STECHER-TRAUNG-SCHMIDT

NEWARK, CA

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 28246

DETERMINATION MADE BY

EAY AREA AQMD
(AGENCY)

ELLEN LINDER
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/08/82
ESTIMATED DATE OF START-UP-- 1983
(415)-771-6000
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

OVEN, VARNISHER DRYING

THROUGHPUT
CAPACITY

4000.00 SHEETS/H

POLLUTANT
EMITTED

VOC

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

67.0000 LB/D

HIRT FUME INCINERATOR

BACT
90.00

NOTES

OVERALL EFFICIENCY 90%, 97% IN-OUT OF INCINERATOR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/19/1984

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ID NUMBER CA-0050

SOURCE TYPE CODE 4.2

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - AUTO./LIGHT DUTY TRUCKS

COMPANY NAME/SITE LOCATION CHEVROLET - FLINT MANUFACTURING
300 NORTH CHEVROLET AVE
FLINT, MI

DETERMINATION IS LAER FOR A NEW SOURCE. DATE OF PERMIT ISSUANCE-- 03/07/84
PERMIT NO. 95-84 ESTIMATED DATE OF START-UP-- 1984
DETERMINATION MADE BY MICHIGAN DNR GREGORY EDWARDS
(AGENCY) (AGENCY CONTACT PERSON) (517)-322-1333
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF
SPRAY BOOTH, SOUND DEADENER	300.00 PARTS/H	VOC	78.5000 LB/H SEE NOTE 108.0000 T/YR SEE NOTE LAER
SPRAY BOOTH, REINFORCEMENT	300.00 PARTS/H	VOC	AIRLESS GUNS & TIMED SPRAYING 78.5000 LB/H SEE NOTE 108.0000 T/YR SEE NOTE LAER
			AIRLESS GUNS & TIMED SPRAYING

NOTES -----
NOTE - EMISSION LIMITS ON VOC ARE FOR BOTH BOOTHS COMBINED.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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ID NUMBER MI-0035

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 12/28/1984

SOURCE TYPE CODE 4.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - AUTO./LIGHT DUTY TRUCKS 75.00 CARS/H

COMPANY NAME/SITE LOCATION CHRYSLER CORP. DETROIT, MI 48226 WAYNE COUNTY
JEFFERSON AV. ASSEMBLY PLANT

DETERMINATION IS LAER FOR A MODIFIED SOURCE. DATE OF PERMIT ISSUANCE-- 06/05/80
PERMIT NO. C-5366 THRU C-5369 ESTIMATED DATE OF START-UP-- 1980
DETERMINATION MADE BY AL SCHEANS (313)-224-4693
(AGENCY) (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY POLLUTANT EMISSION LIMITS ... & BASIS
TACK-OFF BOOTH VOC 500000.00 SCFM EXHAUST THRU SPRAY BOOTH LAER

COLOR SPRAY BOOTH VOC 10000.00 SCFM SEE NOTE

COLOR FLASH-OFF BOOTH VOC 25.2000 LB/GAL APPL. SOL LAER

DOUBLE-WIDTH OVEN VOC 12.9000 LB/GAL APPL. SOL 90.00
OVEN EXHAUST INCIN.

NOTES -----

STAGED LAER CONCEPT PROVIDING FOR PHASE-IN OF NEW TECHNOLOGY AS IT IS DEVELOPED - PHASE 1, START UP USING LOW VOLTAGE ELECTROS
TATIC PAINT SPRAYING AND OVEN EXHAUST INCINERATION; PHASE 2, INTRODUCTION OF HIGH VOLTAGE
ELECTROSTATIC PAINT SPRAYING; PHASE 3, INTRODUCTION OF HIGH SOLIDS TOPCOAT ENAMELS BY 8/31/83.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - AUTO./LIGHT DUTY TRUCKS

COMPANY NAME/SITE LOCATION FMC CORP. - SAN JOSE ORDINANCE SAN JOSE, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
 PERMIT NO. 28310
 DETERMINATION MADE BY BAY AREA AQMD
 (AGENCY) BRIAN BATEMAN
 (AGENCY CONTACT PERSON) DATE OF PERMIT ISSUANCE-- 06/22/82
 ESTIMATED DATE OF START-UP--
 (415)-771-6000
 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY POLLUTANT EMISSION LIMITS ... & BASIS
 PAINT SPRAY BOOTH 18.00 GAL/D VOC 190.0000 LB/D CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
 SEE NOTE

NOTES -----
 FILE A 350-011. AIRLESS ELECTROSTATIC SPRAYING OF 40% SOLIDS PAINT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
 INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/19/1984
 ID NUMBER CA-0059
 SOURCE TYPE CODE 4.3
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - AUTO./LIGHT DUTY TRUCKS

COMPANY NAME/SITE LOCATION FORD MOTOR CO.
MILAN PLASTICS PLANT

MILAN, MI

MONROE COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 447-454/79 + 456/79
DETERMINATION MADE BY MICHIGAN DNR
(AGENCY)

DATE OF PERMIT ISSUANCE-- 01/01/80
ESTIMATED DATE OF START-UP-- 1985
(517)-322-1333
(PHONE)

GREGORY EDWARDS
(AGENCY CONTACT PERSON)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS
... PCT EFF

ELECTROSTATIC PAINT SYS.

VOC 457.5000 LB/H

LAER
95.00

CATALYTIC INCINERATOR
ELECTROSTATIC SPRAY BOOTH

COMPOUND MACHINES, DIRECTIONAL *

VOC 0.7400 LB/H

LAER
90.00

VOC 9.0700 LB/H

LAER

CARBON ADSORPTION
NONE

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1993 03/13/1984

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - AUTO./LIGHT DUTY TRUCKS

COMPANY NAME/SITE LOCATION GENERAL MOTORS CORP.

BOWLING GREEN, KY

DETERMINATION IS LAER
PERMIT NO. C-79-100(REVISED)
DETERMINATION MADE BY

KENTUCKY DEP
(AGENCY)

JAMES DILLS
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/12/84
ESTIMATED DATE OF START-UP--
(502)-564-3392
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

BODY PRIME

LAER
12.01

TOPCOAT BODY BLACKOUT

LAER
8.14

FLEX. BUMPER CLEAR COAT & BASE *

LAER
5.55

DIP PRIME(FRAME)

LAER
44.00

FINAL REPAIR

LAER

MISCELLANEOUS

LAER

NOTES -----

OVERALL VOC EFFICIENCY IS 8.07%.

VOC 125.0000 T/YR

VOC 5.9900 LB/GAL

VOC 0.8300 LB/GAL
INCINERATOR

VOC 5.0000 LB/GAL
INCINERATOR

VOC 5.3000 LB/GAL
INCINERATOR

VOC 5.2900 LB/GAL
INCINERATOR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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ID NUMBER KY-0043

REVIEW STATUS:

INITIAL REVIEW POST STARTUP

SOURCE TYPE CODE 4.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATINGS - AUTO./LIGHT DUTY TRUCKS

COMPANY NAME/SITE LOCATION GENERAL MOTORS - TOYOTA JOINT VENTURE BAY AREA, CA

DETERMINATION IS LAER FOR A MODIFIED SOURCE.
 PERMIT NO. 29614
 DETERMINATION MADE BY BAY AREA AQMD
 (AGENCY)

JIM TOMICH
 (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 02/22/84
 ESTIMATED DATE OF START-UP--
 (415)-771-6000
 (PHONE)

PROCESSES SUBJECT
 TO THIS PERMIT

THROUGHPUT
 CAPACITY

POLLUTANT
 EMITTED

EMISSION LIMITS
 CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS
 ... PCT EFF

SPRAY BOOTH, AUTOMOBILE UNDERCO*

VOC 262.0000 LB/D

INCINERATION

HIGH SOLIDS COATING, AIP-LESS SPRAY

LAER
 35.00

NOTES -----

OPERATES 20 H/D, 5 D/WK, 51 WK/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

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ID NUMBER CA-0104

SOURCE TYPE CODE 4.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - AUTO./LIGHT DUTY TRUCKS 60.00 TRUCKS/H

COMPANY NAME/SITE LOCATION GM WORLD WIDE TRUCK DIV
2601 WEST STROOP ROAD MORaine, OH 45439 MONTGOMERY COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE. DATE OF PERMIT ISSUANCE-- 05/13/80
PERMIT NO. 08-215 ESTIMATED DATE OF START-UP-- 1981
DETERMINATION MADE BY RAPCA - DAYTON, OH (513)-225-4435
GORBY LEE (PHONE)
(AGENCY CONTACT PERSON)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ELPO PRIME	63.50 UNITS/H	VOC	1.2000 LB/GAL COATING MINUS H2O CATHODIC EDP	LAER
PRIMER SURFACER	63.50 UNITS/H	VOC	2.8800 LB/GAL COATING MINUS H2O 15.8400 LB/GAL VOC SOLIDS APPL WITH 62% TRANSFER EFFICIENCY	LAER
TOP COAT	63.50 UNITS/H	VOC	3.6000 LB/GAL COATING MINUS H2O 15.0500 LB/GAL VOC SOLIDS APPL WITH 59% TRANSFER EFFICIENCY	LAER
ANTI-CORROSION	63.50 UNITS/H	VOC	4.3000 LB/GAL COATING MINUS H2O WITH 90% TRANSFER EFFICIENCY	LAER
PLASTISOL/ANTI-CHIP	63.50 UNITS/H	VOC	3.5000 LB/GAL COATING MINUS H2O WITH 50% TRANSFER EFFICIENCY	LAER
CHASSIS ELACK	63.50 JOB/H	VOC	3.5000 LB/GAL VOC MINUS H2O	
WHEEL PAINT	63.50 JOB/H	VOC	3.7000 LB/GAL VOC MINUS H2O	
MAST JACKET	63.50 JOB/H	VOC	6.3000 LB/GAL VOC MINUS H2O	
FINAL REPAIR	63.50 JOB/H	VOC		

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1982 02/13/1984

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ID NUMBER OH-0009

SOURCE TYPE CODE 4.3

(CONTINUED) GM WORLD WIDE TRUCK DIV

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				

VOC 4.8000 LB/GAL VOC MINUS H2O

NOTES -----

MISCELLANEOUS FUGITIVE VOC EMISSIONS ARE ESTIMATED TO TOTAL 488 TPY FROM THIS FACILITY.
TOTAL VOC EMISSIONS NOT TO EXCEED 2050 TPY

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.	INITIAL REVIEW	POST STARTUP
	REVIEW STATUS: 04/01/1983	02/13/1984
PAGE G- 321	ID NUMBER OH-0009	SOURCE TYPE CODE 4.3

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

```

=====
SOURCE TYPE/SIZE      SURFACE COATING - AUTO./LIGHT DUTY TRUCKS
=====
COMPANY NAME/SITE LOCATION  VOLKSWAGEN OF AM          STERLING HEIGHTS, MI 48077  OAKLAND COUNTY
16 MILE ROAD & VAN DYKE AVENUE
-----
DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 250-80 TO 273-80, 3*
DETERMINATION MADE BY  MICHIGAN DNR
                        (AGENCY)
                        JON TROUT
                        (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/01/80
ESTIMATED DATE OF START-UP--
(517)-322-1333
                        (PHONE)
=====
PROCESSES SUBJECT      THROUGHPUT      POLLUTANT      EMISSION LIMITS      ... & BASIS
TO THIS PERMIT          CAPACITY        EMITTED        CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
=====
PAINTING OPERATIONS
VOC                      SEE NOTE
=====

```

NOTES -----
CHECK WITH STATE FOR DETAILS. EMISSION LIMITS TOO EXTENSIVE TO MENTION HERE.

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=====
(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
=====
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=====
ID NUMBER MI-0007
=====
REVIEW STATUS: 04/01/1983 03/13/1984
=====
INITIAL REVIEW POST STARTUP
SOURCE TYPE CODE 4.3
=====

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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - METAL FURNITURE

COMPANY NAME/SITE LOCATION KINCAID FURNITURE CO., INC.

LENIOR, NC

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. 5276

DATE OF PERMIT ISSUANCE-- 10/17/83
ESTIMATED DATE OF START-UP-- 1984
(919)-733-7015
(PHONE)

DETERMINATION MADE BY NORTH CAROLINA DEM
(AGENCY)

MIKE SEWELL
(AGENCY CONTACT PERSON)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

... & BASIS

FINISHING OPERATION

VOC

NONPHOTOCHEMICALLY REACTIVE FINISHING MATL.

BOILER, WOODWASTE, 2

11.60 MMSTU

VOC

GOOD OPERATING PRACTICES

NOTES -----

PSD ONLY FOR VOC EMISSIONS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/19/1984

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ID NUMBER NC-0031

SOURCE TYPE CODE 4.4

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - METAL FURNITURE 200.00 PIECES/H

COMPANY NAME/SITE LOCATION MERIDIAN, INC. SPRING LAKE, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
 PERMIT NO. 719-84
 DETERMINATION MADE BY MICHIGAN DNR
 (AGENCY)
 PAUL SCHLEUSENER
 (AGENCY CONTACT PERSON)
 DATE OF PERMIT ISSUANCE-- 11/07/84
 ESTIMATED DATE OF START-UP-- 1985
 (517)-322-1333
 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY 5.00 GAL/H
 PAINT SPRAY BOOTH, 3 / BAKE OVE* VOC 0.8500 KG/L APPLIED, 24 H AVG BACT
 POLLUTANT EMISSION LIMITS ... & BASIS
 CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
 ID NUMBER MI-0038
 INITIAL REVIEW POST STARTUP
 REVIEW STATUS:
 SOURCE TYPE CODE 4.4

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - METAL FURNITURE

COMPANY NAME/SITE LOCATION STEELCASE, INC.
1120 36TH STREET

GRAND RAPIDS, MI 49501

KENT COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 51-80
DETERMINATION MADE BY MICHIGAN DNR
(AGENCY)

JOHN CAUDELL
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 06/01/80
ESTIMATED DATE OF START-UP-- 1981
(517)-322-1333
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
----------------------------------	---------------------	-------------------	-----------------	---	-------------------------

BOILER, COAL FIRED, 2 EA 40000.00 LB/H

PM	0.0500	LB/MMBTU	CYCLONE & BAGHOUSE		99.00
SO2	1.6000	LB/MMBTU	LOW S COAL, MAX 1%		
NOX	0.6000	LB/MMBTU	CONTROL EXCESS & OVERFIRE AIR		

COAL & ASH HANDLING SYS.

PM	0.0300	GR/DSCF	FABRIC FILTER		
			DUST SUPPRESSANT		

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 03/13/1984

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ID NUMBER MI-0018

SOURCE TYPE CODE 4.4

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - MAGNET WIRE

COMPANY NAME/SITE LOCATION PHELPS DODGE, MAGNET WIRE CORP.
P.O. BOX 753

HOPKINSVILLE, KY 42440

CHRISTIAN COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO. C-75-16
DETERMINATION MADE BY KENTUCKY DAPC
(AGENCY)

BILL DILLS
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/25/75
ESTIMATED DATE OF START-UP-- 1976
(502)-564-3382
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
OVENS, 4	1501.00 T/YR COATINGS	VOC	40.8000 LB/H 675.4900 T/YR INCINERATOR	90.00
OVENS, FINE WIRE, 10	165.00 T/YR COATING	VOC	4.5500 LB/H 19.1100 T/YR INCINERATOR	90.00
OVENS, 1 HEAVY & 1 MEDIUM WIRE	514.00 T/YR COATING	VOC	13.9600 LB/H 58.6000 T/YR INCINERATOR	90.00
OVENS, 6 HEAVY & 1 FINE WIRE	2158.00 T/YR COATING	VOC	31.3000 LB/H 85.9000 T/YR CATALYTIC (1350 F), THERMAL INCINERATOR	BACT 95.00
OVEN, 1 FINE WIRE	16.00 T/YR COATING	VOC	0.4550 LB/H 1.9100 T/YR	

ALSO COVERS PERMIT NUMBERS C-75-23, C-77-75, C-78-60, C-79-013.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 02/13/1984
SOURCE TYPE CODE 4.5

ID NUMBER KY-0035

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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - LARGE APPLIANCES

COMPANY NAME/SITE LOCATION SANYO E&E CORP.
400 RUFFIN RD. SAN DIEGO, CA 92123

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 07037
DETERMINATION MADE BY SAN DIEGO APCD
(AGENCY)

LORENZO ALEJANDRIA
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 08/21/81
ESTIMATED DATE OF START-UP-- 1979
(619)-565-3314
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATING LINE	107.50 GAL/D	VOC	275.0000 G/LITER OF COATING HIGH SOL. COAT. TO LOW SOL. COAT..	BACT

NOTES

AVERAGE SOLVENT CONTENT OF COATINGS USED BEFORE MODIFICATION WAS 365.9 G/LITER, & AFTER MODIFICATION, THE SOLVENT CONTENT OF N EW COATINGS IS 280 G/LITER (WITH 10% DEVIATION FOR UNSTANDARDIZED TEST METHOD USED & AGREED BY APCD). COATING LINE INCLUDES ONE AUTOMATIC PAINT SPRAY BOOTH USING ELECTROSTATIC SPRAY DEVICES, TWO TOUCHUP SPRAY BOOTHS, ONE BAKING OVEN.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - MISC. METAL PARTS/PRODUCTS

COMPANY NAME/SITE LOCATION ALENCO DIVISION OF REDMAN BUILDING PROD* , TX BRAZOS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
 PERMIT NO. C-6596
 DETERMINATION MADE BY TEXAS ACB
 (AGENCY) ART KELLOGG
 (AGENCY CONTACT PERSON) DATE OF PERMIT ISSUANCE-- 04/17/81
 ESTIMATED DATE OF START-UP-- 1981
 (512)-451-5711
 (PHONE)

PROCESSES SUBJECT THROUGHPUT POLLUTANT EMISSION LIMITS ... & BASIS
 TO THIS PERMIT CAPACITY EMITTED CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

PAINTING EXTRUSIONS 384.00 LB/H PAINT * VOC 65.1000 LB/H DIRECT FLAME INCINERATION
 USE OF HIGH SOLIDS PAINT 68.00

NOTES -----
 EFFICIENCY OF THE BAKE OVEN DIRECT FLAME INCINERATION IS ESTIMATED TO BE A MINIMUM OF 68%, PER FIG. 111 ON PG. 181 OF AP-40, B
 UT IS THOUGHT TO BE GREATER. HOWEVER, NO SAMPLING WAS REQUIRED FOR THIS LOW EMISSION RATE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 05/04/1984
 ID NUMBER TX-0129 SOURCE TYPE CODE 4.7
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - MISC. METAL PARTS/PRODUCTS

COMPANY NAME/SITE LOCATION AMERICAN METAL DECORATING CO. FREMONT, CA

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 27361

DETERMINATION MADE BY

BAY AREA AQMD
(AGENCY)

JOHN PHILLIPS
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/07/80
ESTIMATED DATE OF START-UP-- 1980
(415)-771-6000
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY
91800.00 GAL/YR

POLLUTANT EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS

... & BASIS

COATING LINE

91800.00 GAL/YR

VOC

250.0000 LB/D

FUME INCINERATOR

87.00

NOTES -----
FILE A 340-006

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/19/1984

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ID NUMBER CA-0053

SOURCE TYPE CODE 4.7

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - MISC. METAL PARTS/PRODUCTS

COMPANY NAME/SITE LOCATION GMC, TRUCK & BUS GROUP PONTIAC, MI

DETERMINATION IS LAER FOR A NEW SOURCE.
 PERMIT NO. 684-S3
 DETERMINATION MADE BY MICHIGAN DNR
 (AGENCY) DAVE FERRIER
 (AGENCY CONTACT PERSON) DATE OF PERMIT ISSUANCE-- 05/01/84
 ESTIMATED DATE OF START-UP-- 1985
 (517)-322-1335
 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TOPCOAT, TRUCK CAB	VOC	10.3000 LB/GAL APPL. SOLIDS	LAER	
TOPCOAT, FIBERGLASS	VOC	10.3000 LB/GAL APPL. SOLIDS	LAER	
WAX, ANTI-CORROSION	VOC	7.0000 LB/GAL APPL. SOLIDS	LAER	
ELPO PRIME	VOC	1.6000 LB/GAL APPL. SOLIDS	LAER	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 12/28/1984

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - MISC. METAL PARTS/PRODUCTS

COMPANY NAME/SITE LOCATION MARK IND.

SELMA, TX

GUADALUPE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. X3697

DETERMINATION MADE BY TEXAS ACB

(AGENCY)

RANDY HAMILTON

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/20/82

ESTIMATED DATE OF START-UP-- 1982

(512)-451-5711

(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

SPRAY BOOTHS, 2

VOC

7.6400 T/YR

ELECTROSTATIC PAINT GUNS/DRY FILTER
WATERBASE PAINT, HEATED, AIRLESS

90.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

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ID NUMBER TX-0103

SOURCE TYPE CODE

4.7

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - MISC. METAL PARTS/PRODUCTS 9.00 GAL/H

COMPANY NAME/SITE LOCATION SQUARE D CO. OXFORD, OH BUTLER COUNTY
5735 COLLEGE CORNER RD

DETERMINATION IS PERMIT NO. 18-184 DATE OF PERMIT ISSUANCE-- 01/25/84
DETERMINATION MADE BY SOUTHWEST OHIO APCA ESTIMATED DATE OF START-UP-- 1984
(AGENCY) (AGENCY) THOMAS TUCKER (513)-251-8777
(AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY EMISSION LIMITS ... & BASIS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

PAINT TANK, EDP 6000.00 SQF METAL/H VOC 2.4000 LB/GAL COATING MINUS H2O
1.0000 LB/GAL WATERBASE COATINGS, ELECTRODEPOSITION

SPRAY BOOTH, TOUCH-UP PAINT VOC 2.4000 LB/GAL COATING MINUS H2O
1.1400 LB/GAL WATERBASE COATINGS

NOTES -----
BACT DETERMINED BY TECHNOLOGY, ECONOMICS, & SOURCE SIZE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. INITIAL REVIEW POST STARTUP
REVIEW STATUS: SOURCE TYPE CODE 4.7

PAGE 6- 332 ID NUMBER OH-0060

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - MISC. METAL PARTS/PRODUCTS

COMPANY NAME/SITE LOCATION TIFTON ALUMINUM CO.

DELHI, LA

RICHLAND PARISH

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. PSD-LA-514

DETERMINATION MADE BY

LARD/EPA REGION VI

(AGENCY)

BHARAT CONTRACTOR

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/10/84

ESTIMATED DATE OF START-UP-- 1984

(504)-342-8940

(PHONE)

PROCESSES SUBJECT TO THIS PERMIT

THROUGHPUT CAPACITY

POLLUTANT EMISSION LIMITS

CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF

PAINTING, AUTOMATIC BOOTH, 4 EA 13440.00 ACFM

VOC

20.1000 LB/H

MAX 6.25 LB/GAL VOC CONT. FOR COATING

BACT

PAINTING, TOUCH-UP BOOTH, 2 EA 9600.00 ACFM

VOC

0.9000 LB/H

MAX 6.25 LB/GAL VOC CONT. FOR COATING

BACT

OVEN, FLASH-OFF

980.00 ACFM

VOC

17.4000 LB/H

MAX 6.25 LB/GAL VOC CONT. FOR COATING

BACT

OVEN, BAKE

2870.00 ACFM

VOC

75.6000 LB/H

MAX 6.25 LB/GAL VOC CONT. FOR COATING

BACT

NOTES

NO APPLICABLE NSPS, RACT, OR CTG. BACT IS BASED ON SURVEY OF ALL STATES IN US. THE BACT WILL BE RE-EVALUATED AFTER ONE YEAR OF ACTUAL OPERATION.

0.75 kg/l

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

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ID NUMBER LA-0044

SOURCE TYPE CODE 4.7

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SURFACE COATING - FLATWOOD PANELING 63300.00 SQFT/H

COMPANY NAME/SITE LOCATION ABITIBI-PRICE CORP.
2900 HILL AVE
TOLEDO, OH 43607

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 04-204
DETERMINATION MADE BY TOLEDO ENVIRONMENTAL SERVICE DALE KRYGIELSKI
(AGENCY) (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/07/83
ESTIMATED DATE OF START-UP-- 1980
(419)-653-0350
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FLATWOOD PANELING	63300.00 SQFT/H	VOC	2.4000 LB/MSQFT CLASS II HB 5.3300 LB/MSQFT CLASS I TB INCINERATION OF SOME VOC EMISSIONS H2O BASED COATINGS, LOW VOC HIGH SOLIDS COATINGS	59.00

NOTES -----
FACILITY COATS EITHER HARDBOARD OR TILEBOARD BUT NOT BOTH AT THE SAME TIME. ORIGINAL PTI 04-108 ISSUED 01/78. REVISED PTI ISSUED 07/83. INCINERATION AND TOTAL SYSTEM EFFICIENCIES ARE LOWER ESTIMATES SINCE UNDETERMINED AMOUNTS OF FLASHOFF EMISSIONS ARE USED TO COOL THE INCINERATOR EXHAUST. CLASS II HARDBOARD HAS 62.8% CAPTURE EFFICIENCY AND 94.3% INCINERATION EFFICIENCY. CLASS I TILEBOARD HAS 57.2% CAPTURE EFFICIENCY AND 95.7% INCINERATION EFFICIENCY

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/13/1984
ID NUMBER OH-0049A
SOURCE TYPE CODE 4.8
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SOLVENT DEGREASING

COMPANY NAME/SITE LOCATION ALLOYTEK

GRANDVILLE, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 258-83A
DETERMINATION MADE BY MICHIGAN DNR
(AGENCY)

DAVID FERRIER
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 08/05/83
ESTIMATED DATE OF START-UP-- 1983
(517)-322-1333
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT
VAPOR DEGREASER

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

VOC

8.0000 LB/H

REFRIG. FREEBOARD W/COVER DURING DMN TIME

95.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/19/1984

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ID NUMBER MI-0073

SOURCE TYPE CODE 4.9

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SOLVENT DEGREASING

COMPANY NAME/SITE LOCATION BRIGGS & STRATTON CORP.

MENOMONEE FALLS, WI

DETERMINATION IS LAER FOR A NEW SOURCE.
 PERMIT NO. MAN-10-GEB-81-68-002
 DETERMINATION MADE BY WISCONSIN DNR
 (AGENCY)

EMILIA ESTRADA
 (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/04/81
 ESTIMATED DATE OF START-UP--
 (608)-266-0244
 (PHONE)

PROCESSES SUBJECT
 TO THIS PERMIT

THROUGHPUT
 CAPACITY

POLLUTANT
 EMITTED

EMISSION LIMITS
 CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
 ... PCT EFF

DEGREASERS

VOC

LAER

NOTES

OFFSETS FOR NEW EQUIPMENT COVERED PERMIT, EXCLUDING RELOCATED EQUIPMENT AT 20% OBTAINED FROM DISCONTINUING DETREX LOC-750-16,
 #57920, CONVEYORIZED DEGREASER LOCATED AT BRIGGS & STRATTON BURLEIGH ST PLANT, MILWAUKEE
 DISCONTINUED CONVEYOR CREATED 73.62 TPY EMISSION REDUCTION, 19.49 TPY ASSIGNED TO OFFSET SOURCES UNDER MIN-05-80-60-126, 19.82
 TPY ASSIGNED FOR OFFSETS THIS PERMIT, REMAINING 24.31 TPY BANKED

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983

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ID NUMBER WI-0006

SOURCE TYPE CODE 4.9

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE SOLVENT DEGREASING

COMPANY NAME/SITE LOCATION REGAL INTERNATIONAL, INC.

, TX

NAVARRO COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. X-3641

DETERMINATION MADE BY

TEXAS ACB
(AGENCY)

ART KELLOGG
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/22/82
ESTIMATED DATE OF START-UP-- 1978
(512)-451-5711
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

PAINT SPRAYING

49920.00 LB/YR

VAPOR DEGREASING

18480.00 LB/YR

POLLUTANT
EMITTED

VOC

4.0000 T/YR

VOC

1.1500 T/YR

COOLING COILS

... & BASIS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/04/1984

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ID NUMBER TX-0132

SOURCE TYPE CODE 4.9

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE GRAPHIC ARTS

COMPANY NAME/SITE LOCATION BEMIS CARPHANE FILMS

OSHKOSH, WI

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. MAIN-10-EYE-81-71-033
DETERMINATION MADE BY WISCONSIN DNR
(AGENCY)

EMILIA ESTRADA
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 08/25/81
ESTIMATED DATE OF START-UP--
(608)-266-0244
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT
SARAN COATERS, 2 EA

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

VOC

0.3200 KG/L
2.6700 LB/GAL

LAER

LOW SOLVENT COATING

NOTES

OFFSET FROM SHUTDOWN OF #14 LAMINATOR AT CURWOOD, NEW LONDON

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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REVIEW STATUS: 04/01/1993

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ID NUMBER WI-0003

SOURCE TYPE CODE 4.12

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE GRAPHIC ARTS

COMPANY NAME/SITE LOCATION BENIS CO.

OSHKOSH, WI

DETERMINATION IS LAER FOR A NEW SOURCE.
 PERMIT NO. MAN-03-80-71-125 WISCONSIN DNR
 DETERMINATION MADE BY (AGENCY)

EMILIA ESTRADA
 (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 11/13/80
 ESTIMATED DATE OF START-UP--
 (608)-266-0244
 (PHONE)

PROCESSES SUBJECT
 TO THIS PERMIT

THROUGHPUT
 CAPACITY

POLLUTANT
 EMITTED

EMISSION LIMITS
 CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

FLEXOGRAPHIC PRINTING PRESS #8

VOC 85.0000 % REDUCTION
 LOW SOLVENT COATINGS

LAER

EXTRUSION COATER #9

VOC 0.0900 KG/L
 1.5600 LB/GAL
 LOW SOLVENT COATINGS

LAER

LAMINATOR #16

VOC 0.1700 KG/L
 1.4300 LB/GAL
 LOW SOLVENT COATINGS

LAER

NOTES -----
 OFFSET FROM CLOSING #1 SARAN COATER & LAMINATOR #11

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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ID NUMBER WI-0002

SOURCE TYPE CODE 4.12

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE GRAPHIC ARTS

COMPANY NAME/SITE LOCATION BEMIS SPECIALTY FILMS

OSHKOSH, WI

DETERMINATION IS LAER FOR A NEW SOURCE.
 PERMIT NO. MAN-10-EYE-81-71-082
 DETERMINATION MADE BY WISCONSIN DNR
 (AGENCY)

EMILIA ESTRADA
 (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/21/81
 ESTIMATED DATE OF START-UP--
 (608)-266-0244
 (PHONE)

PROCESSES SUBJECT
 TO THIS PERMIT

THROUGHPUT
 CAPACITY

POLLUTANT
 EMITTED

EMISSION LIMITS
 CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
 ... PCT EFF

LAMINATOR #17

VOC 0.0400 KG/L COATING
 0.3300 LB/GAL
 LOW SOLVENT COATINGS

LAER

COATER #10

VOC 0.0300 KG/L COATING
 0.2500 LB/GAL
 LOW SOLVENT COATINGS

LAER

COATER #11

VOC 0.2100 KG/L
 1.7700 LB/GAL
 LOW SOLVENT COATINGS

LAER

FLEXOPRESS COATER #2

VOC 18.0000 % VOC VOL. IN INK
 LOW SOLVENT COATINGS

LAER

NOTES -----

OFFSET FROM SHUTDOWN OF #14 LAMINATOR & #2 SARAN COATER AT CURWOOD, NEW LONDON

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983

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ID NUMBER WI-0004

SOURCE TYPE CODE 4.12

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE GRAPHIC ARTS

COMPANY NAME/SITE LOCATION COLUMBUS COATED FABRICS COLUMBUS, OH

DETERMINATION IS LAER FOR A MODIFIED SOURCE.

PERMIT NO. 01-415

DETERMINATION MADE BY

OHIO EPA CD

(AGENCY)

VICTOR FISHER

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/29/81

ESTIMATED DATE OF START-UP--

(614)-864-3195

(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

INTA-ROTO HL-41 PRINTER

THROUGHPUT
CAPACITY

7.00 MM/D/YR

POLLUTANT
EMITTED

VOC

4.8000 LB/GAL VINYL

2.9000 LB/GAL INK

COAT COMPOSIT.<25% SOLV,BY VOL

BACT

70.00

... & BASIS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

NOTES

LIMITS IMPOSED BY PERMIT TO INSTALL, WHICH ALSO REQUIRES NEW PERMIT APPLICATION IF SOLVENT COMPOSITION OR SCHEDULE ARE CHANGED

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

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ID NUMBER OH-0033

SOURCE TYPE CODE 4.12

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE

GRAPHIC ARTS

360.00 T/YR

COMPANY NAME/SITE LOCATION CONTAINER CORP. OF AM

MUNCIE, IN

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. PC(18)1477

DETERMINATION MADE BY INDIANA APCD (AGENCY)

FRANK PROFIT (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/31/80
ESTIMATED DATE OF START-UP--
(317)-633-0664
(PHCNE)

PROCESSES SUBJECT TO THIS PERMIT

THROUGHPUT CAPACITY

POLLUTANT EMITTED

EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF

ROTOGRAVURE PRINT PRESS

362.00 T/YR VOC

VOC

36.0000 T/YR

FUME INCINERATOR

90.00

NOTES -----

OPERATES 6240 HRS/YEAR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

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ID NUMBER IN-0018

SOURCE TYPE CODE 4.12

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

1073.30 LB/H

GRAPHIC ARTS

COMPANY NAME/SITE LOCATION CPS INDUSTRIES

FRANKLIN, TN

WILLIAMSON COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-TN-069
DETERMINATION MADE BY TENNESSEE APCD
(AGENCY)

ANN NIELSON
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--
(615)-741-3651
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

CERUTTI & HELIX PRESSES, 5 1073.30 LB/H TOTAL

VOC

128.1100 LB/H

SOLVENT REC. SYS & CARBON. BED

LAER
84.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

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ID NUMBER TN-0005

SOURCE TYPE CODE 4.12

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE

GRAPHIC ARTS

2400.00 T/YR

COMPANY NAME/SITE LOCATION
DICKSON CERAMIC INDUSTRIAL PARK

BACKSON, TN 37055

DICKSON COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE.

PERMIT NO. PSD-TN-069
DETERMINATION MADE BY

TENNESSEE APCD
(AGENCY)

ANGIE PITCOCK
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/10/81
ESTIMATED DATE OF START-UP-- 1982
(615)-741-3651
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

PRINTING

VOC

2400.0000 T/YR

CARBON ADSORPTION

LAER
84.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

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ID NUMBER TN-0002

SOURCE TYPE CODE 4.12

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE GRAPHIC ARTS

COMPANY NAME/SITE LOCATION MEREDITH/BURDA CORP. NEWTON, NC CATAWBA COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
 PERMIT NO. 5595
 DETERMINATION MADE BY NORTH CAROLINA DEM (AGENCY)
 MIKE SEWELL (AGENCY CONTACT PERSON)
 DATE OF PERMIT ISSUANCE-- 01/07/85
 ESTIMATED DATE OF START-UP-- 1987
 (919)-733-7015 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY POLLUTANT EMISSION LIMITS ... & BASIS
 CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
 PRINT PRESS, 2 ROTOGRAVURE VOC 84.0000 % OVERALL EFF. NSPS 98.00
 4 CARBON BED ADSORBERS

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

2000.00 FT/MIN

WINSTON-SALEM, NC

COMPANY NAME/SITE LOCATION R. J. R. ARCHER, INC.
220 E. POLO RD

GRAPHIC ARTS

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 00466-0005-P
DETERMINATION MADE BY FORSYTH COUNTY ENV. AFFAIRS KEITH TART
(AGENCY) (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--
(919)-727-8060
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ROTOGRAVURE PRESS	2630.00 LB/H PAPER	VOC	341.0000 LB/H CARBON ADSORB. SYS & RECOVERY SYS	69.00

NOTES -----
LOCAL PERMIT TO CONSTRUCT WAS NOT ISSUED. R.J.R. ARCHER, INC. REQUESTED TERMINATION OF PSD EVALUATION BECAUSE THEY CONTROLLED THE MAJORITY OF THE EXISTING PLANT AND THE OFFSET GENERATED WOULD ELIMINATE THE REQUIREMENTS OF A PSD ANALYSIS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.
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ID NUMBER NC-0026
REVIEW STATUS: 04/01/1993
INITIAL REVIEW POST STARTUP
SOURCE TYPE CODE 4.12

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE GRAPHIC ARTS 6736.00 T/YR

COMPANY NAME/SITE LOCATION R.R. DONNELLEY & SONS CO. MATTOON, IL COLES COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE. DATE OF PERMIT ISSUANCE-- 03/18/80
 PERMIT NO. EPA-5-A-80-I7 ESTIMATED DATE OF START-UP-- 1981
 DETERMINATION MADE BY EPA REGION V BONIFACE THAYIL (312)-886-6054
 (AGENCY) (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT THROUGHPUT EMISSION LIMITS ... & BASIS
 TO THIS PERMIT CAPACITY CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

ROTOGRAVURE PRESSES, 2 EA 3368.00 T/YR VOC 212.0000 T/YR CARBON ABSORBER BACT 95.00

NOTES -----
 OPERATING HOURS MAX. 7280 HRS/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983 04/04/1984
 ID NUMBER IL-0002 SOURCE TYPE CODE 4.12

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE GRAPHIC ARTS

COMPANY NAME/SITE LOCATION SEIPLE LITHOGRAPH CO.
2213 CLEVELAND AVE. NW

CANTON, OH 44709

DETERMINATION IS

PERMIT NO. 15-264

DETERMINATION MADE BY

CANTON APCD
(AGENCY)

ANDY PASKO
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE--

ESTIMATED DATE OF START-UP--

1965

(216)-489-3385
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

OFFSET PRINTING PRESS, WEB HEAT* 77.63 LB/H INK

VOC

7.5000 EE-3 LB/H MAX.

THERMO-CATALYTIC INCINERATOR

BACT
90.00

NOTES -----
PII-15-264

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER OH-0073

SOURCE TYPE CODE 4.12

05/21/1985

ANGELINA COUNTY

DATE OF PERMIT ISSUANCE-- 09/22/82
ESTIMATED DATE CF START-UP-- 1983
(713)-634-3357
(PHONE)

VOC	204.0000	T/YR	SEE NOTE
NOX	3.5000	T/YR	SEE NOTE

NOTE-THESE EMISSION LIMITS ARE WITHOUT CONTROLS. IN LIEU OF ADD-ON CONTROL DEVICES THIS SOURCE IS REQUIRED TO CONVERT TO HIGH-SOLIDS OR WATER-BORNE INKS WHEN THEY ARE DEMONSTRATED TO BE SATISFACTORY FOR USE IN THE INDUSTRY.

INITIAL REVIEW POST STARTUP
S: 05/04/1984

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE GRAPHIC ARTS

COMPANY NAME/SITE LOCATION TEXAS COLOR, INC.
4800 SPRING VALLEY ROAD

FARMERS BRANCH, TX 75235

DETERMINATION IS
PERMIT NO. C-9364

DETERMINATION MADE BY TEXAS ACB
(AGENCY)

A. J. KELLOGG
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/01/84
ESTIMATED DATE OF START-UP-- 1984
(512)-451-5711
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

3107.00 CF/M

OFFSET PRINTING PRESS

POLLUTANT EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

3107.00 CF/M

VOC

74.8000 T/YR

FUME CONDENSER

B/L

92.10

NOTES

THE CONTROL DEVICE IS A PPFS FUME CONDENSER, MODEL 5000, SUPPLIED BY MMT ENVIRONMENTAL, INC., 4693 NORTH CHATWORTH STREET, ST. PAUL, MINNESOTA, 55112, (612)-483-0956

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

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ID NUMBER 1X-0148

SOURCE TYPE CODE 4.12

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE GRAPHIC ARTS
 COMPANY NAME/SITE LOCATION UNION INDUSTRIES, INC. PROVIDENCE, RI
 DETERMINATION IS LAER FOR A NEW SOURCE. DATE OF PERMIT ISSUANCE-- 04/10/85
 PERMIT NO. 700,701 ESTIMATED DATE OF START-UP-- 1985
 DETERMINATION MADE BY RHODE ISLAND DEM DOUG MCVAY (401)-277-2808
 (AGENCY) (AGENCY CONTACT PERSON) (PHONE)
 PROCESSES SUBJECT THROUGHPUT POLLUTANT EMISSION LIMITS ... & BASIS
 TO THIS PERMIT CAPACITY EMITTED CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
 PRINTING PRESS, 6 COLOR FLEXOGR* VOC CATALYTIC INCINERATOR LAER
 98.00

NOTES -----
 EFFICIENCY IS FOR INLET VS. OUTLET OF INCINERATOR. CAPTURE EFFICIENCY IS ESTIMATED AT 77.0 % FOR AN OVERALL EFFICIENCY OF 75%.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. INITIAL REVIEW POST STARTUP
 REVIEW STATUS:
 ID NUMBER RI-0002 SOURCE TYPE CODE 4.12
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APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE

GRAPHIC ARTS

32.00 LB/H INK

COMPANY NAME/SITE LOCATION
UNITED COLOR PRESS
351 GARVER RD

MONROE, OH

BUTLER COUNTY

DETERMINATION IS
PERMIT NO. 18-176
DETERMINATION MADE BY
SOUTHWEST OHIO APCA
(AGENCY)
RAY SILBERNAGL
(AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/17/83
ESTIMATED DATE OF START-UP-- 1983
(513)-251-8777
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

OVEN & PRESS, TITAN

32.00 LB/H INK

VOC

90.0000 % CONTROL

CATALYTIC INCINERATOR

TECH
92.00

NOTES

92% DESTRUCTION EFFICIENCY DEMONSTRATED, CAPTURE EFFICIENCY UNDETERMINED. THE SOURCE WAS MOVED FROM PREVIOUS LOCATION, TRIGGER
ING NEW SOURCE REVIEW REQUIREMENTS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

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ID NUMBER OH-0061

SOURCE TYPE CODE 4.12

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE
 GRAPHIC ARTS
 COMPANY NAME/SITE LOCATION WORLD COLOR PRESS
 SALEM, IL
 MARION COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
 PERMIT NO. C 80 10 0006
 DETERMINATION MADE BY ILLINOIS EPA
 (AGENCY)
 CHRIS ROMAINE
 (AGENCY CONTACT PERSON)
 DATE OF PERMIT ISSUANCE-- 01/13/82
 ESTIMATED DATE OF START-UP-- 1980
 (217)-782-2113
 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ROTOGRAVURE PRESSES		VOC	336.0000 T/YR CARBON ADSORPTION SYSTEM	BACT 94.00
OFFSET PRESSES		VOC	251.0000 T/YR AFTERBURNER SYSTEM OR EQUIVALENT SYSTEM	BACT 90.00

NOTES

1.BACT RETROSPECTIVELY APPLIED WHEN PSD PROJECT BROUGHT TO LIGHT BY APPLICANT. 2.EFFECTIVENESS OF AFTERBURNERS FOR OFFSET PRESSES IS BEING INVESTIGATED WITH TRIAL PROGRAM ON ONE PRESS TO BE CONCLUDED 7/84. EVALUATING ADD ON CONTROLS VS. REDUCTIONS ACHIEVED THROUGH REFORMULATION OF INK AND FOUNTAIN SOLUTION. LIMITS WILL BE ADJUSTED ACCORDINGLY.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
 REVIEW STATUS: 04/01/1983 04/04/1984
 ID NUMBER IL-0017
 SOURCE TYPE CODE 4.12

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

120.00 MMBTU/H

GRAPHIC ARTS

W.F. HALL PRINTING CO.
4310 EVANS TO LOCK RD

EVANS, GA

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 2754-036-8480

DETERMINATION MADE BY GEORGIA EPD

(AGENCY)

BILL FARRISEE

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/04/82

ESTIMATED DATE OF START-UP-- 1981

(404)-656-4867

(PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
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BOILERS, 2

60.00 MMBTU/H

PM	0.1000 LB/MMBTU	NSPS
----	-----------------	------

BOILER DESIGN

SO2	246.0000 LB/H	NSPS
-----	---------------	------

0.8000 LB/MMBTU

BOILER DESIGN

PRINTING

513.00 LB/H VOC

VOC	39.0000 LB/H	LAER
-----	--------------	------

CARBON ADSORPTION SYSTEM

95.00

NSPS

0.3000 LB/MMBTU

BOILER DESIGN

NOTES -----

PERMIT AMENDED TO COVER TWO BOILERS INSTEAD OF THREE BOILERS IN ORIGINAL PERMIT AND TO COVER USE OF NO.6 FUEL (2.1% SULFUR) I NSTEAD OF NO.6 FUEL (.9% SULFUR) IN ORIGINAL PERMIT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

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ID NUMBER GA-0013

SOURCE TYPE CODE 4.12

05/21/1985

COMPANY NAME/SITE LOCATION **BROYHILL FURNITURE**

NEWTON, NC

CATAWBA COUNTY

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SPRAY BOOTHS				

VOC	688.0000	T/YR	NONE	EQUIPMENT DESIGN & OPERATION	BACT
-----	----------	------	------	------------------------------	------

NOTES -----
ALL SPRAY BOOTHS

*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW	POST STARTUP
REVIEW STATUS: 04/01/1983	
ID NUMBER NC-0014	SOURCE TYPE CODE 4.14

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION CAPITOL MAGNETIC PRODUCTS DIV., CAPITOL* WINCHESTER, VA

DETERMINATION IS BACT FOR A NEW SOURCE.
 PERMIT NO. 20836
 DETERMINATION MADE BY VIRGINIA APCB
 (AGENCY)

DATE OF PERMIT ISSUANCE-- 11/27/84
 ESTIMATED DATE OF START-UP-- 1985
 (804)-786-1433
 (PHONE)

KATHERINE MILLER
 (AGENCY CONTACT PERSON)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
RESIN DISSOLUTION & MIXING	1.58 T/H	VOC	6000.0000 ACFM CARBON ADSORPTION	BACT 95.00
PRE-MIX SLURRY	1.25 T/H	VOC	6000.0000 ACFM CARBON ADSORPTION	BACT 95.00
BALL MILLING	0.26 T/H	VOC	6000.0000 ACFM CARBON ADSORPTION	BACT 99.90
COATING APPLICATION	1.67 T/H	VOC	6000.0000 ACFM CARBON ADSORPTION	BACT 95.00
COATING DRYING	1.76 T/H	VOC	6000.0000 ACFM REFRIGERANT CONDENSER	BACT 100.00
CARBON ADSORPTION	0.25 T/H	VOC	6000.0000 ACFM CARBON ADSORPTION	BACT 90.00
REFRIGERANT CONDENSER	1.05 T/H	VOC	6000.0000 ACFM REFRIGERANT CONDENSER	BACT 95.00

NOTES -----
 PRODUCING 961.0 T/YR VOC. OPERATING 24 H/D, 7 D/WK, 47 WK/YR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
 REVIEW STATUS:
 SOURCE TYPE CODE 4.14

ID NUMBER VA-0025

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION FLUORESCENT EQUIPMENT & MFG CO. BEDFORD HTS, OH 44146
24350 SOLOH RD

DETERMINATION IS BACT FOR A NEW SOURCE. DATE OF PERMIT ISSUANCE--
PERMIT NO. 13-1133 ESTIMATED DATE OF START-UP--
DETERMINATION MADE BY CLEVELAND DAPC IKE HABIB (216)-664-3508
(AGENCY) (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT THROUGHPUT POLLUTANT EMISSION LIMITS ... & BASIS
TO THIS PERMIT CAPACITY EMITTED CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
COATING LINE, LIGHT FIXTURES 1000.00 LB/H VOC 0.2500 T/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

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ID NUMBER OH-0058

SOURCE TYPE CODE 4.14

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION GUARDIAN INDUSTRIES CORP.

, TX

NAVARRO COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. X-4293

DETERMINATION MADE BY

TEXAS ACB
(AGENCY)

ROBERT MAJEL
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 06/08/83
ESTIMATED DATE OF START-UP-- 1983
(512)-451-5711
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

EMISSION LIMITS
CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS
... PCT EFF

COATING APPLICATOR

VOC

NONE

VACUUM SPUTTERING MACHINE

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/04/1984

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ID NUMBER TX-0114

SOURCE TYPE CODE 4.14

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION MEREDITH CORP. DES MOINES, IA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

PERMIT NO.

DETERMINATION MADE BY EPA REGION VII

(AGENCY)

STEVE KOVAC

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/15/82

ESTIMATED DATE OF START-UP--

(816)-374-6525

(PHONE)

PROCESSES SUBJECT

TO THIS PERMIT

THROUGHPUT

CAPACITY

POLLUTANT

EMITTED

EMISSION LIMITS

CONTROL EQUIPMENT OR PROCESS MODIFICATION

... & BASIS

... PCT EFF

ROTOGRAVURE PRINTING PRESS 1614.00 LB/H SOLVENT

VOC

16.0000 % VOL SOLVENT USED

SOLVENT RECOVERY SYSTEM

95.00

FLEXOGRAPHIC PRINTER

NOTES

THE FLEXOGRAPHIC PRINTER SHALL NOT USE A RAW INK (OR RELATED COATINGS) WITH A RATIO OF VOC VOLUME CONTENT TO SOLIDS VOLUME CONTENT WHICH IS GREATER THAN 0.64 NOR SHALL RAW INK BE DILUTED WITH ANYTHING OTHER THAN WATER ADDITION.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

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ID NUMBER IA-0009

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

SOURCE TYPE CODE 4.14

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION MR. SPA, INC.

CAMARILLO, CA

VENTURA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 1240-1

DETERMINATION MADE BY

VENTURA COUNTY APCD
(AGENCY)

KEITH DUVAL
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/08/83
ESTIMATED DATE OF START-UP-- 1983
(805)-654-2664
(PHONE)

PROCESSES SUBJECT
TO THIS PERMIT

THROUGHPUT
CAPACITY

POLLUTANT
EMITTED

... & BASIS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

FIBERGLASS-POLYESTER RESIN APPL* 3093.00 LB/D RESIN

VOC 120.0000 LB/D

SEE NOTE

NOTES

FILE A 340-A013. INCREASE STYRENE CONTENT IN GEL COAT TO ELIMINATE NEED FOR ACETONE DILUTION, USE OF FILLER MATERIAL IN RESIN FOR DISPLACEMENT, VAPOR SUPPLEMENT IN RESIN.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/26/1984

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ID NUMBER CA-0060

SOURCE TYPE CODE 4.14

APPENDIX -- DETAILED SOURCE LISTINGS

05/21/1985

SOURCE TYPE/SIZE OTHER ORGANIC EVAPORATION LOSS 25.00 UNITS/H

COMPANY NAME/SITE LOCATION PHILLIPS INDUSTRIES, INC.

LANCASTER, TX

DALLAS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 9519

DETERMINATION MADE BY TEXAS ACB (AGENCY)

JIM CUNNINGHAM (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/16/85
ESTIMATED DATE OF START-UP-- 1985
(512)-451-5711
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT

THROUGHPUT CAPACITY

POLLUTANT EMITTED

EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF

SPRAY BOOTH, 3

25.00 UNITS/H

VOC

SEE NOTE #1 THERMAL OXIDIZER

NOTE 85.00

NOTES

NOTE #1 - OUTPUT OF VOC CONSTRAINED BY 200.0 MG/CU. M - 30 MINUTE OUTPUT HEALTH EFFECT LIMIT. NOTE #2 - BASIS OF LIMIT IS INSP ECTION.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION PPG INDUSTRIES, INC.
3800 WEST 143 ST.

CLEVELAND, OH 44111

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. 13/18/00/0101,SEE N*

DETERMINATION MADE BY CLEVELAND DAPC
(AGENCY)

IKE HABIB
(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/06/84
ESTIMATED DATE OF START-UP-- 1984
(216)-664-3508
(PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY POLLUTANT EMITTED EMISSION LIMITS ... & BASIS
CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF

ENTIRE PLANT, SEE NOTE #2

FUGITIVE EMISSIONS

VOC

THERMAL INCINERATOR SYSTEM

90.00

ODOR

THERMAL INCINERATOR SYSTEM

90.00

PM 898.000 T/YR
UNCONTROLLED

NOTES -----

NOTE - SOURCE # P001-P004, P008-P010, P013-P015, P017, P019-P022, P024- P029, P032, P033, P035-P040, P043-P046, & T116-T122. N
OTE #2 - INCLUDES SAND MILLS, ATTRITION MILLS, COMLES & HOCKMEYER MIXERS, BATCH BLENDING TANKS,
TANK & TOTE BIN CLEANING BOOTHS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

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ID NUMBER OH-0059

SOURCE TYPE CODE 4.14

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION ROCKWELL INTERNATIONAL TULSA, OK

DETERMINATION IS BACT FOR A NEW SOURCE.

PERMIT NO. T80-43

DETERMINATION MADE BY

TULSA CITY-COUNTY HEALTH DEPT

(AGENCY)

BILL GIBBONS

(AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/08/80

ESTIMATED DATE OF START-UP-- 1981

(918)-744-1000

(PHONE)

PROCESSES SUBJECT TO THIS PERMIT THROUGHPUT CAPACITY POLLUTANT EMITTED EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF

CHEM MASKANT ON ACFT SKINS

NOTE #1

VOC

202.0000 T/YR UNCONT.,NOTE#2

CARBON ADSORPTION

90.00

BOND PRIME, PRIME & ENAMEL COAT*

NOTE #1

VOC

18.4000 T/YR UNCONT.,NOTE#2

3.4000 T/YR CONT.,NOTE#2

CARBON ADSORPTION UNITS

80.00

NOTES

1) MASKANT & COATINGS RELATED TO COMMERCIAL AIRCRAFT BODY SECTION PRODUCTION, PERMIT LIMITS PRODUCTION TO 144 SHIP SETS PER YE AR.

2) BATCH TYPE COATINGS OPERATIONS NEGATES MEANINGFUL HOURLY EMISSION RATE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

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ID NUMBER OK-0012

SOURCE TYPE CODE 4.14