♲EPA   CDHS USERS BULLETIN

Volume XI	May 1986	Number 2

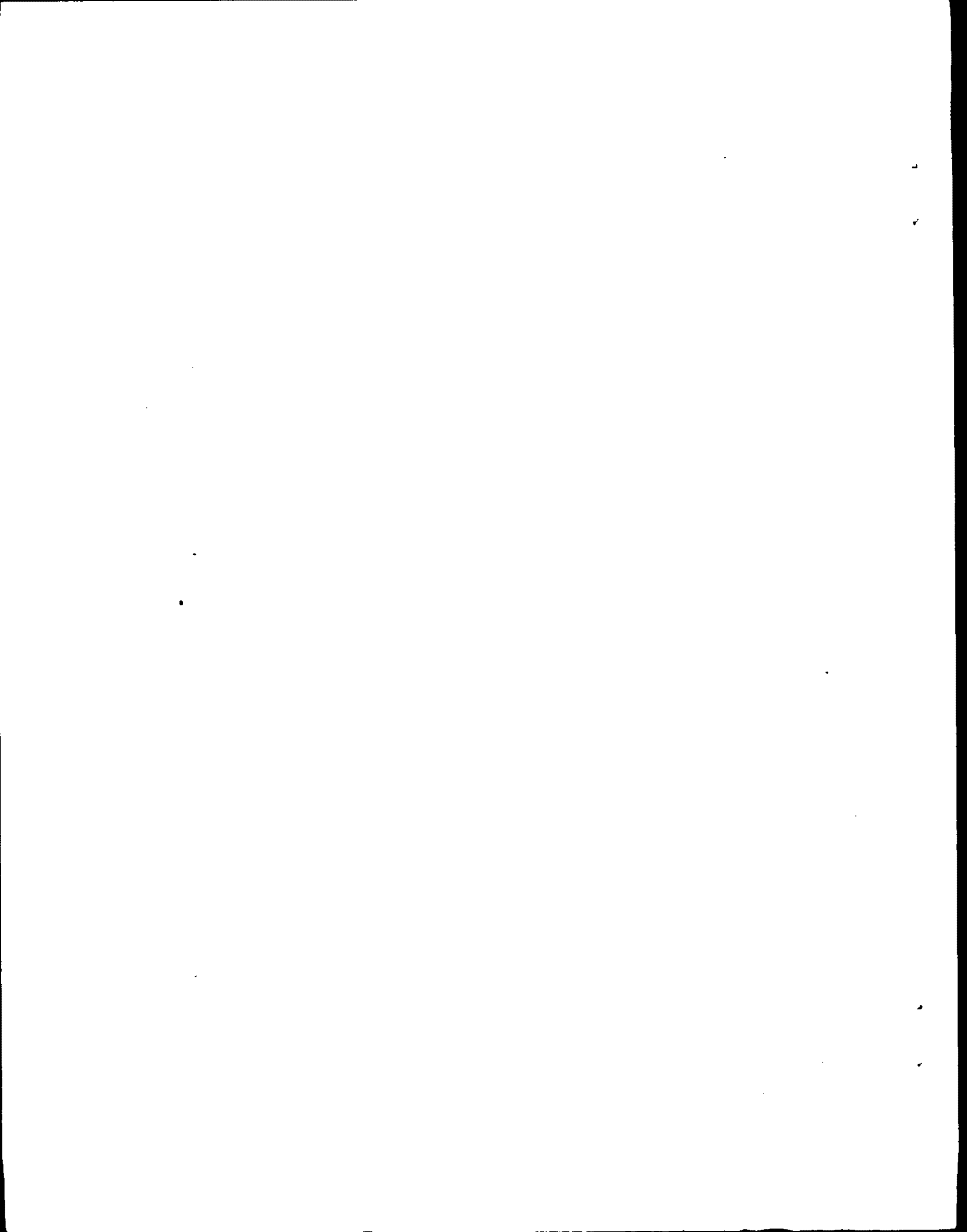## TABLE OF CONTENTS

INTRODUCTION

Assistance Contacts

You can write or call for assistance, obtain answers to questions, and offer suggestions about CDHS and the Bulletin by contacting the following personnel:

Jerry C. Husketh
National Air Data Branch (MD-14)
Monitoring and Data Analysis Division
Office of Air Quality Planning
  and Standards
Office of Air and Radiation
Environmental Protection Agency
Research Triangle Park, N.C. 27711
     Phone: (919) - 541-5547
             (FTS) - 629-5547

Betty Abramson
National Air Data Branch (MD-14)
Monitoring and Data Analysis Division
Office of Air Quality Planning
  and Standards
Office of Air and Radiation
Environmental Protection Agency
Research Triangle Park, N.C. 27711
     Phone: (919) - 541-5694
             (FTS) - 629-5694

Problem Reporting

If you are having any problems, please do not hesitate to call or write. We again ask you, when reporting a problem, to complete and send to us a Problem Reporting Form to ensure that we understand the exact nature of your problem. This form has been modified to a one-page form so that it will be easier and less time-consuming to complete.

Prior to reporting your problem, you should have incorporated all updates into the appropriate programs of your particular subsystem. It is essential that you incorporate these updates as supplied so that we will be looking at the same version of the programs in question. These updates must be incorporated sequentially. If you have not incorporated the updates and are experiencing problems, there is a good possibility that the problems have already been solved by a previous update.

CDHS PROBLEM REPORTING FORM

Date: _____

Name: _____   Telephone: _____

Agency: _____   Subsystem Involved: AQDHS-II _____

Address: _____   EIS/AS   _____

_____   EIS/PS   _____

_____

Program(s) Involved: _____

_____

Is your system the NADB baseline version? _____

If not, indicate the differences: _____

_____

_____

What is the latest update version you have installed? _____

Results desired: _____

_____

Results obtained: _____

_____

_____

Please send the following items with your problem reporting form: <u>Sent</u>

1. A compile (with appropriate maps) of the
    problem program   _____
2. JCL listing for the job
3. System log listing for the job   _____
4. A listing of all procedure JCL and control cards for job   _____
5. All diagnostic messages from the faulty run   _____
6. Printout of faulty program results   _____
7. Copy of input and output files (OPTIONAL)   _____

4

SUMMARY OF ALL PROBLEMS SOLVED FROM
JANUARY 1, 1986 THROUGH APRIL 30, 1986
UNDER CDHS USER SUPPORT

	# REPORTED	#RESOLVED
AQDHS-II		
Low Priority	0	0
Medium Priority	4	3
High Priority	31	31
Total	35	34
EIS		
Low Priority	0	0
Medium Priority	2	2
High Priority	37	37
Total	39	39

CDHS USER LISTING

User Hardware	AQDHS-II	Update Status	EIS	Update Status
Region I				
CONN — IBM-3081-D	Installed	30		
MAINE — HONEYWELL-52D	Installed	30	Installed	A-2, P-4
MASS — CDC CYBER 7700	Installed	23-A		
NH — CPT-1000	Installed	NCC-IBM		
RI — IBM-370	Installed	30		
Region II				
NY CITY — IBM-370	Installed	30		
PUERTO RICO — HONEYWELL-6000	Installed	NCC-IBM	Installed	NCC-IBM
Region III				
ALLEGHENY COUNTY, PA — DEC-VAX 730	Installed			
DEL — IBM-3033	Installed	NCC-IBM	Installed	A-2, P-4
MD — IBM-3300	Installed	30		
VA — IBM-3033MP	Installed	30	Installed	A-2, P-4
FAIRFAX CO., VA — IBM-370/155.2	Installed	28		
W. VA — PDP-11/34	Installed	NCC-IBM	Installed	NCC-IBM
Region IV				
ALA — WANG-2260	Installed	NCC-IBM		
FLA — UNIVAC-1100/83	Installed	30		
JACKSONVILLE, FLA — BURROUGHS-7700	Installed	30		
GA — IBM-1100/34	Installed	NCC-IBM	Installed	NCC-IBM
MISS — AMDAHL-370/158	Installed	NCC-IBM		
NC — IBM-370/168	Installed	NCC-IBM	Installed	NCC-IBM
SC — IBM-370/168	Installed	NCC-IBM	Installed	NCC-IBM
TENN — IBM-370/168	Installed	NCC-IBM	Installed	NCC-IBM

CDHS USER LISTING

	User Hardware	AQDHS-II	Update Status	EIS	Update Status
Region V					
ILL	AMDAHL-V8	Installed	30		A-2, P-4
IND	IBM-3880	Installed	30	Installed	P-4
MINN	DIGITAl-VAX 11/750			Installed	
OHIO	IBM-370/3081G	Installed	30		
WISCONSIN	IBM-3081	Installed	NCC-IBM		
Region VI					
LOUISIANA	IBM-370/331	Installed	30	Installed	A-2, P-4
NEW MEXICO	DATA GEN.-S140	Installed	30		
CITY OF ALBUQUERQUE	IBM-370				
Region VII					
IOWA	IBM-370/3033	Installed	NCC-IBM	Installed	NCC-IBM
MO	IBM-370/3031	Installed	30	Installed	P-4
NEBRASKA	IBM-3033N	Installed	30		
Region VIII					
COLO	IBM-370/3033	Installed	30	Installed	A-2, P-4
MONT	IBM-3081	Installed	30	Installed	P-4
ND	IBM-3081	Installed	NCC-IBM	Installed	NCC-IBM
WYOMING	IBM-370/3031- 3083	Installed	20		

7

COHS USER LISTING

	User Hardware	AQDHS-II	Update Status	EIS	Update Status
Region IX					
ARIZ	IBM-3081-GX HONEYWELL-66/DPS4	Installed	30	Installed	P-4
PIMA CO., ARIZ	IBM-370/4341	Installed	25	Installed	P-4
Region X					
IDAHO		Planned		Installed	NCC-IBM
TOTALS					
Number Installed		36		20	
Number in Progress or Planned		1		0	
		37		20	

8

OTHER GOVERNMENT AGENCY USERS

User Hardware	AQDHS-II	Update Status	EIS	Update Status
U.S. Air Force		Planned	Installed	
U.S. Army IBM-360/65		Planned		
U.S. Navy			Installed	

FOREIGN USERS

AQDHS-II	EIS/P&R
Australia	Minas Gerais, Brazil
Rio de Janeiro, Brazil	Rio de Janeiro, Brazil
South Korea	Canada
India	

9

CDHS CONTACTS

REGIONAL OFFICE	CDHS	AQDHS-II	EIS/P&R
I	Ms. Margaret Perkins (Mgmt) EPA, Region I John F. Kennedy Bldg. Room 2211-B (Data Mgmt Section) Boston, MA 02203 (FTS) 223-4931 (617) 223-4931		Mr. Steve Perkins (AMD) EPA, Region I (ATS-2311) John F. Kennedy Bldg. Boston, MA 02203 (FTS) 223-4866 (617) 223-4866
II	Mr. Ed Finfer (A&WMD)(AP) EPA, Region II (2AWM-AP) 26 Federal Plaza, Rm. 1005 New York, NY 10278 (FTS) 264-2517 (212) 264-2517	Mr. Ed Finfer (A&WMD)(AP) EPA, Region II (2AWM-AP) 26 Federal Plaza, Rm. 1005 New York, NY 10278 (FTS) 264-2517 (212) 264-2517	Mr. Tom Ballou (A&WMD)(AP) EPA, Region II (2AWM-AP) 26 Federal Plaza, Rm. 1005 New York, NY 10278 (FTS) 264-2517 (212) 264-2517
III	Mr. Joe Hamilton (ISB) EPA, Region III (3PM-50) 841 Chestnut Street Philadelphia, PA 19107 (FTS) 597-9868 (215) 597-9868		
IV	Ms. Diana Smith (A&WMD) EPA, Region IV 345 Courtland Street, N.E. Atlanta, GA 30365 (FTS) 257-2316 (404) 881-2316		
V	Mr. Steve Goranson (ESD) EPA, Region V (5SEM) 536 S. Clark Street Chicago, IL 60605 (FTS) 353-2306 (312) 353-2306	Mr. Larry Lehrman (ESD) EPA, Region V (5SEM) 536 S. Clark Street Chicago, IL 60605 (FTS) 886-6231 (312) 886-6231	Mr. Barry Bolka (ESD) EPA, Region V (5SEM) 536 S. Clark Street Chicago, IL 60605 (FTS) 886-6227 (312) 886-6227

CDHS CONTACTS

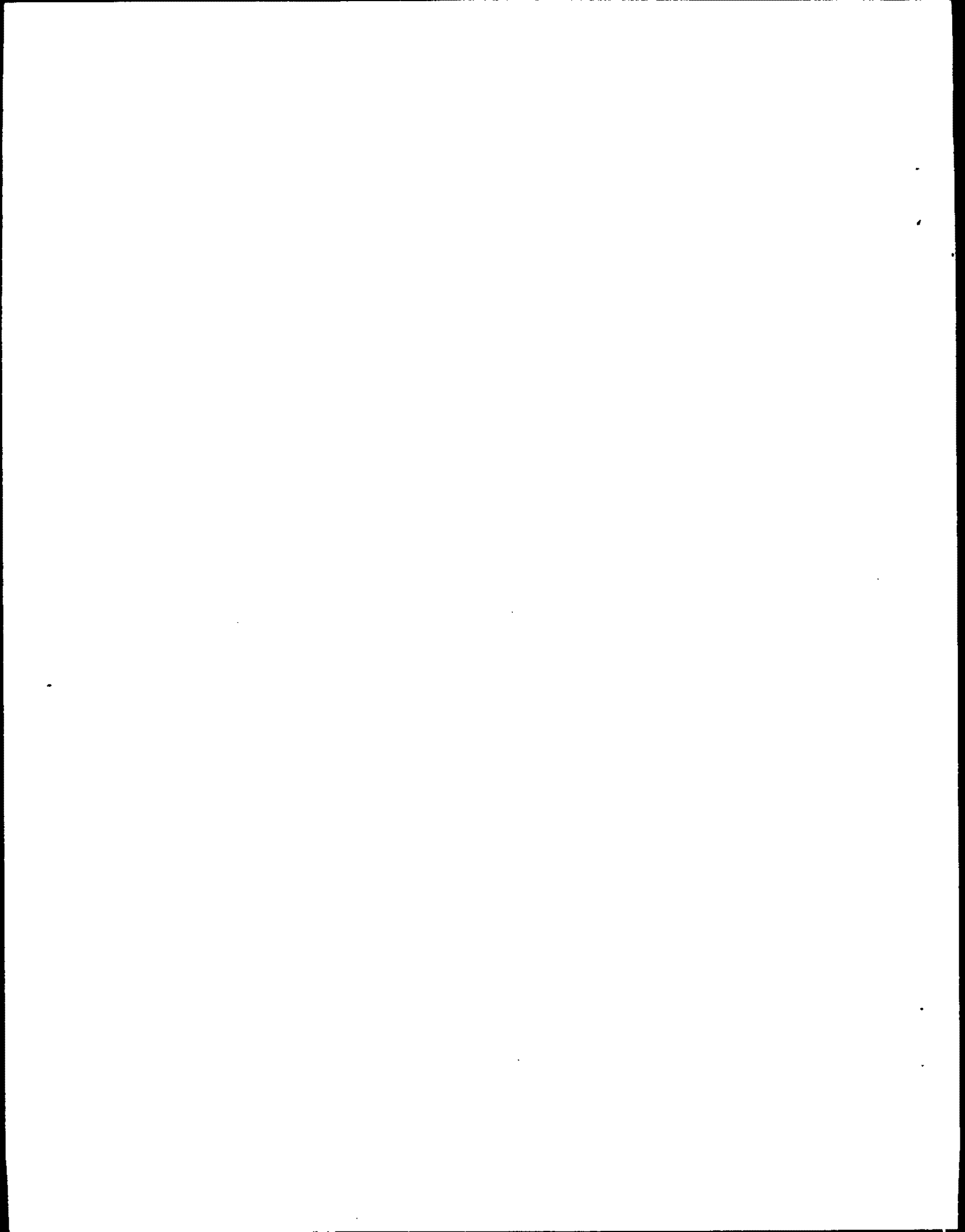| REGIONAL OFFICE	CDHS	AQDHS-II	EIS/P&R
VI	Ms. Ruth Tatom (ESD) EPA, Region VI (6E-SA) 1201 Elm Street Dallas, TX 75270 (FTS) 729-9772 (214) 767-9772	Ms. Ginger Smiley (Mgmt) EPA, Region VI (6E-SA) 1201 Elm Street Dallas, TX 75270 (FTS) 729-2641 (214) 767-2641	Ms. Ginger Smiley (Mgmt) EPA, Region VI (6E-SA) 1201 Elm Street Dallas, TX 75270 (FTS) 729-2641 (214) 767-2641
VII	Mr. Jeff Wandtke (ESD) EPA, Region VII 25 Funston Road Kansas City, KS 66115 (FTS) 757-3884 (913) 236-3884		
VIII	Mr. William H. Tabor (ESD) EPA, Region VIII (8ES-DA) 1 Denver Place 999 18th Street Denver, CO 80295 (FTS) 564-1443 (303) 293-1443		
IX	Mr. Jim Forrest (AMD) EPA, Region IX (A-3-2) 215 Fremont Street San Francisco, CA 94105 (FTS) 454-8222 (415) 974-8222		
X	Mr. Bill Puckett (ESD) EPA, Region X (M/S345) 1200 6th Avenue Seattle, WA 98101 (FTS) 399-1702 (206) 442-1702		

PROGRAM ABSTRACT

If you have a program that you think might be of interest to other users, please send us an abstract of the program for publication in the Users Bulletin. THE USER IS REMINDED THAT HE, AND NOT NADB OR THE NADB CONTRACTOR, IS RESPONSIBLE FOR THE MAINTENANCE OF THESE PROGRAMS.

>A copy of the program abstract form is included in this issue of the Bulletin. Complete the form and return it to Sam Colon-Velez or Betty Abramson if you have such a program.

If you have any other information which you desire to share with other State and local agencies, submit a typewritten summary along with the appropriate name, address and phone number of the contact in your agency. Such summaries will be published in the CDHS Users Bulletin.

PROGRAM ABSTRACT

PROGRAMMER: _____ ADDRESS: _____

AGENCY: _____ TELEPHONE: _____

COMPUTER: _____

PROGRAM TITLE:

FUNCTION:

PARAMETERS:

RESULTS (INCLUDE OUTPUT EXAMPLE):

HARDWARE CONFIGURATION:

MEMORY REQUIRED:

SOFTWARE SUPPORT:

ASSEMBLER/COMPILER:

DOCUMENTATION AVAILABILITY:

13

NOTICE 1 - EIS/PS UPDATE P-5 RELEASED

NADB has released Update P-5 to EIS/PS. The updates and new programs have been incorporated in the central version at NCC and have been sent on tape to non-NCC users. The update consists of modifications to four programs, three new programs, and three new cataloged procedures for the annual NEDS submittal. The update enhances the capabilities of EIS/PS and corrects several user reported program "bugs". Specifically, the following modifications have been made:

1. A new EPA annual report package is released. This package consists of four programs: the plant emission ranking program, PRPRANK; the master file split program, PRTSPLT; the master file conversion program, PRPENTR; and the master file merge program, PMSMERG. Three cataloged procedures are also released to execute these programs: EPRPM05, EPRPM15, and EPMSM20. The annual report package enables the user to generate a complete replacement inventory for submittal to NEDS for only those plants that emit more than a specified amount for each criteria pollutant. The new annual report package is documented in the revised Section 6.2 of the EIS/PS User's Guide. This revised documentation is included in this update package.

2. PCENETR, the NEDS to EIS/PS transaction conversion program, has been modified to properly convert NEDS DP2 and DP6 cards into EIS/PS 11D and 21D internal transactions.

3. PEDMSTR, the EIS/PS transaction edit program, has been modified to allow the user to change the hours per day, days per week, and weeks per year fields on the 11 cards individually. Previously, these five bytes were treated as a single field. The values for valid control equipment codes were updated to be consistent with AEROS documentation. Also, a new edit check was added to reject transactions when the estimation method is '6' or '7' (plant closed or not yet operating) and the emission estimate is greater than zero.

4. PMSEFIN, the emission factor insertion program, has been modified to correct an error that caused error messages 005 and 008 to be written improperly.

5. PFMMSTR, the master file maintenance program, no longer moves an asterisk to fields in the master file that are to be changed to spaces. Instead, spaces are now moved to the master file fields. With the modifications to PRPENTR, it is no longer necessary to use an asterisk to indicate that a field is to be blanked out. Also, when an emission factor is present for a particular pollutant and the pollutant does not appear in Segment 1, the pollutant will be added to Segment 1 with an estimation method of

3, unless the existing estimation method for another pollutant is 6 or 7. In that case, the pollutant will be added to Segment 1 with an estimation method of 6 or 7, with blanks in the estimated emissions field.

6. PRPRANK, the plant emission ranking report, is a new report that allows the user to identify and rank plants by emission level by pollutant based upon user specified emission cutoff levels. The program is also used to create
a key file that can be used to retrieve records from the master file based upon plant level emissions. Please refer to the revised Section 6.2 of the EIS/PS User's Guide for further information.

7. PRTSPLT, the master file split program, is a new program that allows the user to retrieve data from the master file based upon plant level emissions. The output key file from PRPRANK is used to divide the existing EIS/PS master file into two files: an 'accepted' answer file that contains all records for plants that meet the emission cutoff criteria of PRPRANK, and a 'rejected' answer file for those plants that emit less than the user selected emission cutoffs. Refer to the revised Section 6.2 of the EIS/PS User's Guide for further information.

8. PRPENTR, the master file to NEDS transaction conversion program, has been modified to prepare NEDS transactions (or EIS/PS internal transactions) that would represent a full replacement inventory. Previously, PRPENTR would create add, change, and delete transactions for those records with a status flag of 'A', 'C', or 'D', respectively. No transactions were prepared when the record status flag was 'S' (previously sent). The new version of PRPENTR creates add transactions for all records with status flags of 'A', 'C', or 'S'. No transactions are prepared when the record status flag is 'D' or 'E'. Also, the program was modified to blank out asterisks in the output transaction file in fields that have been changed to spaces via change transactions. An error was corrected that created output transactions only for Segment 2 records with a SCC sequence number of '00'. Now, all SCCs are sent to the output file. Finally, an error was corrected that moved measured emissions to the NEDS P4 card when the estimation method was '1'. The program now always moves estimated emissions to the NEDS P4 card, regardless of estimation method.

9. PMSMERG, the master file merge program, is a new program that allows the user to merge two EIS/PS master files into one output master file. The program is used primarily to merge the 'accepted' and 'rejected' answer files created by PRTSPLT.

10. EPRPM05, the new cataloged procedure for the EPA annual submittal, allows the user to execute the four programs that make up the new annual submittal package: PRPRANK, PRTSPLT, PRPENTR, and PMSMERG.

11. EPRPM15 is the new cataloged procedure for the plant emission ranking program, PRPRANK.

12. EPMSM20 is the new cataloged procedure for the master file merge program, PMSMERG.

15

NOTICE 2 - AVAILABILITY OF NEDS EDIT PROGRAM

A version of the NEDS edit program has been developed for use by State and local agencies as part of the 1985 NEDS/NAPAP data submittal. The State version NEDS editor performs the same error checking routines as those performed by the EPA Regional Offices and NADB. The new program allows the States to subject their data to the NEDS edit routines and to perform a "trial" update before submittal to the EPA Regional Offices.

The NEDS edit package is scheduled to be released by the end of May. Those States that are interested in obtaining the package should contact their NEDS representative at the EPA Regional Office.

For States that have accounts at EPA's National Computer Center (NCC) at Research Triangle Park, the NEDS edit package can be accessed directly through WYLBUR or TSO. An on-line data set has been created to help States execute the NEDS edit package. The name of the partitioned data set is LMHA087.NEDS.EDIT.LIB, and contains a member named LISTPDS that can be used to list the contents of the PDS. Detailed information concerning the NEDS editor usage on the NCC-IBM, sample JCL, cataloged procedures, and sample reports may be found in the on-line data set. Please contact Ed Sabo at (703) 255-3004 for further information.

NOTICE 3 - EIS/PS VERSUS NEDS EDIT PROGRAMS

The editing capabilities of EIS/PS are similar but not identical to those of the NEDS edit program used by the EPA Regional Offices and NADB. The EIS/PS user should be aware of the major differences between the two editors that may cause data that was accepted by EIS/PS to be rejected by the NEDS editor.

First, the NEDS edit program performs a table look-up to determine whether a county code is valid for a given State. If the county code on the transaction cannot be found in the look-up table, the transaction is rejected. The EIS/PS editor only checks for a numeric county code.

Second, EIS/PS allows the user to add any numeric SCC to the master file. However, the NEDS editor will only accept SCCs that appear in the official NADB Source Classification Code table.

Third, the NEDS editor will reject transactions with an estimation method of "0" when the official NADB emission factor for that pollutant is not zero. EIS/PS does not perform this check.

These are the major differences in the EIS/PS and NEDS editors that would cause data that previously has been accepted by EIS/PS to be rejected by NEDS.

NOTICE 4 - WARNING TO USERS OF GENERATION DATA GROUPS

CDHS cataloged procedures ending in "U" (AQFMM1UU, EPFMM1UU, etc) are set up to take advantage of the IBM feature of generation data group indexing, which allows the creation of a new master file without the need for using a different data set name each time the update is run. Usually, the generation data group consists of the current master file, the previous version of the file that existed before the last update was run, and two or three versions previous to these. Thus, the user can go back to a previous version and start over if serious errors were detected during the update that would cause loss of data. The user must be aware that when an update creates a new version of the master file, the oldest version of the file is dropped and is no longer available. The user must make sure that all records (except those flagged for deletion) are passed to the new version by carefully checking the output messages. If the update ends with an "ABORT" or "DISASTER" message, it is probable that some records were not written to the new version of the file. The master file produced by this run should be scratched and the update run again after the error condition is resolved. Otherwise, the master file thus created will be used in the next update. If updating is continued past this point and the situation is not corrected, the data may never be recovered, especially if the files are on tape.

NOTICE 5 - ATTENTION NCC USERS

As mentioned in the last issue of the CDHS Users Bulletin, EPA's Office of Data Processing is considering a plan to remove WYLBUR from the National Computer Center. The plan calls for an Agency-wide conversion to TSO in order to expand services to support full-screen processing. A WYLBUR-to-TSO conversion guide has been developed that compares WYLBUR commands to commands in TSO that perform similar functions. The conversion guide is available to users in the on-line data set JUSD.CONVERT.GUIDE. Users interested in obtaining the guide or finding out more about TSO should contact Steve Boone at (703) 255-3004.

NOTICE 6 - AIRS STATUS

The AIRS Facility Subsystem will be developed jointly by the Monitoring and Data Analysis Division (MDAD) and the Stationary Source and Compliance Division (SSCD). A menu-driven NEDS/CDS integrated prototype system has been installed at the EPA National Computer Center (NCC) to be used by a soon-to-be formed Facility Users Group. This group will include representatives from State/local agencies, Regional Offices, the National Computer Center, MDAD, SSCD and others. The Facility Users Group will address software, hardware, data management, policy, system design and operation issues. Their work will be guided by the use of the prototype system.

The Facility Users Group will produce a specific set of recommendations by October 1, 1986. These recommendations will be used by a contractor to modify the prototype system into EPA's integrated emission and compliance inventory system. This new system will provide MDAD and SSCD with new National software capabilities. Additionally, it will serve as a depository of States' data and provide States with a usable, modern, menu-driven interactive system. The Facility Subsystem of AIRS is scheduled to go into production during the first quarter of FY'89.

A comprehensive hardware and telecommunications requirement plan was recently developed by MDAD and the NCC. This plan addresses all the AIRS hardware and telecommunications requirements through FY'91. The Office of Information Resources Management (OIRM) will review and present this plan to OMB. Appropriate funding for each phase of AIRS implementation is expected as a result of this plan.

For additional information regarding AIRS, please contact Andrea Kelsey at (919) 541-5582.

UPDATES

Resume of Updates

There have been no updates to EIS/AS or AQDHS-II since the last Bulletin. EIS/PS Update P-5 was distributed to CDHS users on 5/23/86.

Program Status

The update status of the programs in the AQDHS-II, the EIS/PS, and the EIS/AS systems is listed below.

AQDHS-II Program Name	Last Update #*	Revision Level #	Date
ACVANOM (AQ0040)	27	2-00	10/01/80
ACVMFOR (AQ0020)	24	1-00	10/31/78
ACVPFOR (AQ0030)	24	1-00	10/31/78
ACVSARD (AQ0010)	28	2-00	05/01/81
ACVUNIT (AQ0050)	30	2-00	07/16/85
AEDMSTR (AQ0060)	30	4-00	07/16/85
AEMPARM (AQ0070)	30	1-00	07/16/85
AEMSITE (AQ0080)	29	4-00	10/31/81
AEMSTND (AQ0090)	27	2-00	10/01/80
AFFMSTR (AQ0100)	28	3-00	05/01/81
AMSARCH (AQ0215)	24	1-00	10/31/78
AMSMERG (AQ0210)	24	1-00	10/31/78
ARPANOM (AQ0320)	24	1-00	10/31/78
ARPDUMP (AQ0310)	24	1-00	10/31/78
ARPINVP (AQ0290)	28	3-00	05/01/81
ARPINVS (AQ0280)	28	3-00	05/01/81
ARPMSBR (AQ0300)	27	2-00	10/01/80
ARPMSST (AQ0270)	29	4-00	10/31/81
ARPMSTR (AQ0230)	29	4-00	10/31/81
ARPPARM (AQ0240)	29	2-00	10/31/81
ARPPMEX (AQ0330)	24	1-00	10/31/81
ARPSARD (AQ0220)	28	3-00	05/01/81
ARPSITE (AQ0260)	28	3-00	05/01/81
ARPSLAM (AQ0390)	29	2-00	10/31/81
ARPSMEX (AQ0340)	28	3-00	05/01/81
ARPSTDS (AQ0420)	29	1-00	10/31/81
ARPSTND (AQ0250)	27	2-00	10/01/80
ARPVSTD (AQ0350)	28	2-00	05/01/81
ARTGENR (AQ0120)	24	1-00	10/31/78
ARTLNGP (AQ0110)	24	1-00	10/31/78
ARTSLAM (AQ0375)	29	2-00	10/31/81
ARTSTDS (AQ0400)	29	1-00	10/31/81
ASRINTR (AQ0130)	24	1-00	10/31/78
ASRMSTR (AQ0140)	24	1-00	10/31/78
ASRPARM (AQ0150)	24	1-00	10/31/78
ASRSITE (AQ0160)	27	2-00	10/01/80
ASRSTFL (AQ0360)	28	2-00	05/01/81
ASRSTND (AQ0170)	27	2-00	10/01/80

*AQDHS-II Update #25 did not modify any programs

UPDATES

Program Status (continued)

AQDHS-II Program Name	Last Update #*	Revision Level #	Date
ASRTRAN (AQ0370)	27	1-00	10/01/80
ASTMSST (AQ0200)	27	2-00	10/01/80
ASTSLAM (AQ0380)	30	2-00	07/16/85
ASTSTDS (AQ0410)	30	1-00	07/16/85
ASRORLM (AQ0190)	27	2-00	10/01/80
ASTSLAV (AQ0180)	27	2-00	10/01/80

EIS/PS Program Name

PCENETR (EP0060)	P-5	3-02	04/30/86
PCVNEEF (EP0020)	P-4	3-01	05/18/84
PEDMSTR (EP0080)	P-5	3-02	04/30/86
PEMEFAC (EP0040)	P-1	1-00	02/01/80
PFMMSTR (EP0120)	P-5	2-02	04/30/86
PMSEFIN (EP0100)	P-5	3-02	04/30/86
PMSEFGN (EP0130)	P-4	3-01	05/18/84
PMSMERG (EP0320)	P-5	1-00	04/30/86
PMSTCON (EP0190)	P-1	1-00	02/01/80
PRPDUMP (EP0220)	P-1	1-00	02/01/80
PRPEFAC (EP0230)	P-1	1-00	02/01/80
PRPENTR (EP0200)	P-5	3-02	04/30/86
PRPEPRJ (EP0250)	P-4	1-01	05/18/84
PRPMSTR (EP0210)	P-4	3-01	05/18/84
PRPPSUM (EP0240)	P-2	1-00	04/30/81
PRPQUIK (EP0280)	P-1	1-00	02/01/80
PRPQTRN (EP0290)	P-1	1-00	02/01/80
PRPRANK (EP0300)	P-5	1-00	04/30/86
PRTGENR (EP0150)	P-1	1-00	02/01/80
PRTLNGP (EP0140)	P-1	1-00	02/01/80
PRTQLED (EP0260)	P-4	1-01	05/18/84
PRTQLEX (EP0270)	P-4	2-01	05/18/84
PRTSPLT (EP0310)	P-5	1-00	04/30/86
PSREFTR (EP0030)	P-1	1-00	02/01/80
PSREFIN (EP0090)	P-1	1-00	02/01/80
PSRGENR (EP0170)	P-1	1-00	02/01/80
PSRINTR (EP0110)	P-1	1-00	02/01/80
PSRLNGP (EP0160)	P-1	1-00	02/01/80
PSRMFTR (EP0070)	P-1	1-00	02/01/80
PSRNEEF (EP0010)	P-1	1-00	02/01/80
PSRNETR (EP0050)	P-1	1-00	02/01/80

*AQDHS-II Update #25 did not modify any programs

Program Status (continued)

EIS/AS Program Name	Last Update #*	Revision Level #	Date
CCENETR (EC0030)	A-3	3-00	07/14/83
CEDMSTR (EC0040)	A-1	1-00	02/01/80
CEMEFAC (EC0020)	A-1	1-00	02/01/80
CFMMSTR (EC0070)	A-2	2-00	04/30/81
CMSEFGN (EC0080)	A-3	3-00	07/14/83
CMSEFIN (EC0060)	A-3	3-00	07/14/83
CRPASNA (EC0120)	A-3	3-00	07/14/83
CRPDUMP (EC0140)	A-1	1-00	02/01/80
CRPEFAC (EC0150)	A-1	1-00	02/01/80
CRPMSTR (EC0130)	A-3	3-00	07/14/83
CRPQUIK (EC0180)	A-1	1-00	02/01/80
CRTGENR (EC0100)	A-1	1-00	02/01/80
CRTLNGP (EC0090)	A-1	1-00	02/01/80
CRTQLED (EC0160)	A-3	3-00	07/14/83
CRTOLEX (EC0170)	A-2	2-00	04/30/81
CSREFTR (EC0010)	A-1	1-00	02/01/80
CSRINTR (EC0050)	A-1	1-00	02/01/80
CSRMSTR (EC0110)	A-1	1-00	02/01/80

Future Bulletin Distribution

In our effort to keep the Bulletin mailing list current, we ask that you notify us if you are no longer interested in receiving it or if you know of anyone in your agency to add to the list, please fill in the form below.
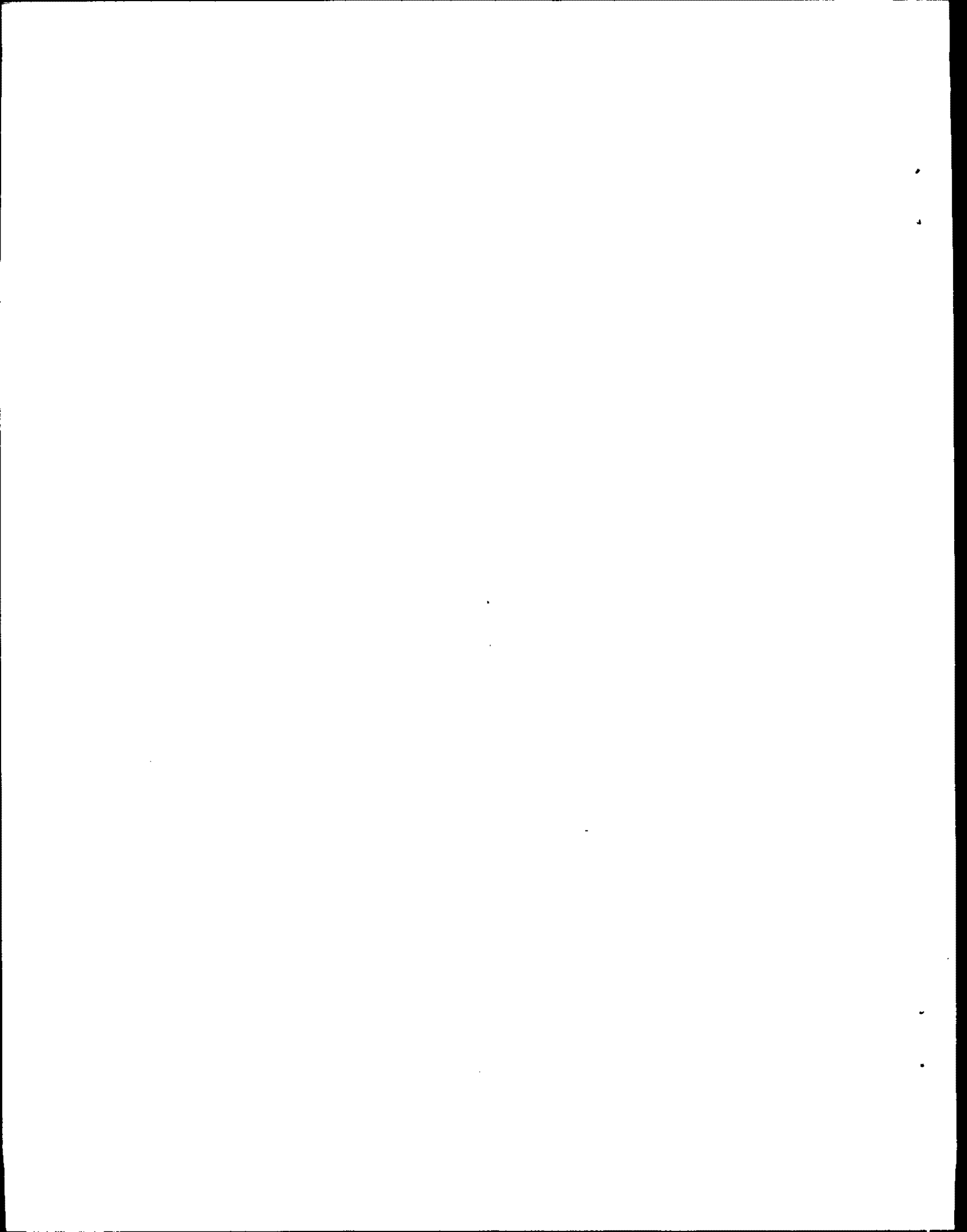
DELETE

NAME: _____

ADDRESS: _____

_____

_____

_____

ADD

NAME: _____

ADDRESS: _____

_____

_____

_____

Betty Abramson, MD-14
U.S. Environmental Protection Agency
National Air Data Branch
Research Triangle Park, North Carolina 27711

United States
Environmental Protection
Agency

Office of Air, Noise, and Radiation
Office of Air Quality Planning and Standards
Research Triangle Park NC 27711

CDHS USERS BULLETIN   Volume XI   May 1986   Number 2

Official Business
Penalty for Private Use
$300