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**RESPONSE TO THE OHIO ENVIRONMENTAL PROTECTION AGENCY
REQUEST TO CORRECT DATA IN OPERABLE UNITS 1, 2, 3, 4,
AND 5 REMEDIAL INVESTIGATION DATA BASES- (THIS LETTER
RELATES BACK TO 7/1-12/5/95 DMEPP REPORT IN SOUTH PLUME
RA FILE)**

07/10/96

DOE-1100-96
DOE-FN OEPA
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RESPONSE



Department of Energy

Ohio Field Office
Fernald Area Office

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JUL 10 1996
DOE-1100-96

Mr. Tom Schneider, Project Manager
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, Ohio 45402-2911

Dear Mr. Schneider:

RESPONSE TO THE OHIO ENVIRONMENTAL PROTECTION AGENCY REQUEST TO CORRECT DATA IN OPERABLE UNITS 1, 2, 3, 4, AND 5 REMEDIAL INVESTIGATION DATA BASES

Reference: Letter from Tom Schneider to Johnny Reising, "DOE FEMP, MSL 531-0297
Hamilton County Conditional Approval, DMEPP July December 1995," dated
May 6, 1996.

The above referenced letter identified parameter name inconsistencies in the electronic data base information which accompanied the April 1996 Design, Monitoring, and Evaluation Program Plan (DMEPP) System Evaluation report. An overhaul of the Fernald Environmental Management Project (FEMP) data base was requested. However, based on the following discussion, the Department of Energy, Fernald Area Office (DOE-FN) does not believe this is necessary.

A review of the electronic data file submitted with the South Plume Removal Action DMEPP report for the period July 1, 1995, to December 31, 1995, reveals that there are no internal inconsistencies in the data file submitted with the report; parameter names and spelling are consistent throughout the data file. Furthermore, a comparison between the submitted data file and the Site Environmental Database (SED) shows that there are no discrepancies between the submitted data file and the SED.

As the data management process for the SED has matured, synonyms and capitalization inconsistencies for various parameter names have been discovered in the SED and changes have been made accordingly to maintain consistency in parameter naming conventions. The current process automatically verifies parameter names against an approved list of parameters and synonyms and makes any necessary corrections before new data is loaded up to the SED. Similarly, the historical data already in the SED is corrected for these problems as they are discovered.

Since the data sets from the Operable Units (OU) 1, 2, 3, 4, and 5 Remedial Investigation (RI) Reports, which have been previously submitted to the OEPA, represent snapshots of the SED at specific times, the problems discovered in the SED data subsequent to the time of the snapshot will still exist in the submitted data sets.

It is the DOE-FN's intent to continue to correct problems in the SED as they are discovered and this is an ongoing process. However, the DOE-FN will not be making corrections to the "frozen" snapshot data sets previously submitted in support of the various RI reports.

In order to remedy the problems encountered in trying to compare DMEPP data sets generated from SED queries with data pulls from the "frozen" snapshot data sets previously submitted to the OEPA, the DOE-FN is providing the following table of parameter naming convention changes which have been incorporated into the SED.

DMEPP Parameter Name	Alternate Parameter Names Used in "Frozen" Snapshots Previously Generated From the SED
Arsenic	ARSENIC
Benzene	BENZENE
Cumene	CUMENE
Ethylbenzene	ETHYLBENZENE, ETHYL BENZENE, Ethyl Benzene
Phosphorus	PHOSPHORUS, Phosphorus, (Disssd.)
Potassium	POTASSIUM, Potassium, (Disssd.)
Sodium	SODIUM, Sodium (Disssd.)
Toluene	TOLUENE
Uranium, Total	URANIUM, TOTAL; URANIUM-TOTAL; U-TOTAL; Total Uranium
Xylenes, Total	XYLENES, TOTAL; TOTAL XYLENES; Total Xylenes; TOTAL XYLENE; Total Xylene

If you have any questions regarding data in the SED, please contact Robert Janke at (513) 648-3124. For questions specific to the DMEPP data set, contact Mr. John Kappa at (513) 648-3149.

Sincerely,



Johnny W. Reising
Fernald Remedial Action
Project Manager

FN:Kappa

cc:

R. L. Nace, EM-423/GTN
G. Jablonowski, USEPA-V, 5HRE-8J
J. Saric, USEPA-V, SRF-5J
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F. Bell, ATSDR
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R. Vandegrift, ODOH
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