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**COAL ANALYSIS REPORT - FOURTH QUARTER, CALENDAR YEAR 1995 -
FERNALD ENVIRONMENTAL MANAGEMENT PROJECT (FEMP), PERMIT NO.
1431110128, B001/B003**

01/24/1996

**C:EC:96-0005
FERMCO
4
REPORT**

HAMILTON COUNTY



Restoration Management Corporation

P.O. Box 398704 Cincinnati, Ohio 45239-8704 (513) 738-6200

January 24, 1996

Fernald Environmental Management Project
Letter No. C:EC:96-0005

Mr. H. Schwietering, Environmental Scientist
Air Quality Management
Hamilton County Department of Environmental Services
1632 Central Parkway
Cincinnati, Ohio 45210

Dear Mr. Schwietering:

COAL ANALYSIS REPORT - FOURTH QUARTER, CALENDAR YEAR 1995 - FERNALD ENVIRONMENTAL MANAGEMENT PROJECT (FEMP), PERMIT NO. 1431110128, B001/B003

Enclosed is the Coal Analysis Report for the Fourth Quarter of Calendar Year 1995, for Boilers Nos. 1 and 3, which are located at the FEMP Steam Plant. This report is submitted in accordance with the special conditions of the Ohio Environmental Protection Agency Permits to Operate Nos. 1431110128, B001 and B003, issued on October 2, 1992. Both Boilers B001 and B003 operated during the reporting period.

If you have any questions concerning these reports, please contact Ervin Fisher of my staff at (513) 648-5293.

Sincerely,

A handwritten signature in black ink, appearing to read "Terence D. Hagen". The signature is stylized and includes a long horizontal stroke at the end.

Terence D. Hagen
Director
Environmental Compliance

TDH:EF:mhv
Enclosure



Mr. H. Schwietering
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c: With Enclosure

G. T. Czerniak, USEPA-5
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T. Hilkins, OEPA-Columbus
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W. J. Naber, FERMCO/MS60
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E. P. Skintik, DOE-FN/MS45
AR Coordinator
File Record Storage Copy 108.6
A&WP Files

Without Enclosure

S. M. Beckman, FERMCO/MS65-2
S. L. Blankenship, FERMCO/MS71-3
B. Perkins, FERMCO/MS67
P. B. Spotts, FERMCO/MS65-2



INTEROFFICE MEMORANDUM

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REPORT OF COAL QUANTITY AND QUALITY
FOURTH QUARTER CY-1995

U.S. DOE FERNALD ENVIRONMENTAL RESTORATION MANAGEMENT CORP.
Fernald, Ohio

Boiler No. 1

	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>
Total quantity of coal burned (tons).	458	0	821
Average ash content (percent) coal burned. +	10.44	0	8.49
Average sulfur content (percent) of coal burned.	.83	0	.81
Average heat content (Btu/lb) of coal burned. #	12865	0	13005
Average sulfur dioxide emission rate (lbs. SO ₂ /10 ⁶ Btu actual heat input) from coal burned. *	1.26	0	1.21

+ Limit is 12%
BTU/pound of coal greater than 11,900
* Limit is 1.33lbs. SO₂/10⁶ BTU



INTEROFFICE MEMORANDUM

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REPORT OF COAL QUANTITY AND QUALITY
 FOURTH QUARTER CY-1995

U.S. DOE FERNALD ENVIRONMENTAL RESTORATION MANAGEMENT CORPORATION

Fernald, Ohio

Boiler No. 3

	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>
Total quantity of coal coal burned (tons).	715	2046	1831
Average ash content (percent) coal burned. +	10.36	11.99	10.42
Average sulfur content (percent) of coal burned.	.80	.88	.81
Average heat content (Btu/lb) of coal burned. #	12908	12555	12667
Average sulfur dioxide emission rate (lbs. SO ₂ /10 ⁶ Btu actual heat input) from coal burned. *	1.21	1.37	1.25

- + Limit is 12%
- # BTU/pound of coal greater than 11,900
- * Limit is 1.33 lbs. SO₂/10⁶ BTU