

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

04/24/95

C:EC:95-0055
FERMCO HAMILTON COUNTY
5
REPORT



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

April 24, 1995

Fernald Environmental Management Project
Letter No. C:EC:95-0055

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

Enclosed is the Coal Analysis Report for the First 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 Boiler 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) 738-6053.

Sincerely,



Terence D. Hagen
Director
Environmental Compliance

TDH:EF:mhv
Enclosure

c: With Enclosure

G. T. Czerniak, USEPA-5
T. Hilkins, OEPA-Columbus
R. F. Hodanbosi, OEPA-Columbus
L. Pennington, FERMCO/MS60
E. P. Skintik, FERMCO/MS45
AR Coordinator/MS78
File Record Storage Copy 108.6
RTS Files

Without Enclosure

S. M. Beckman, FERMCO/MS65-2
S. L. Blankenship, FERMCO/MS71-3
D. Paine, FERMCO/MS35-1
P. B. Spotts, FERMCO/MS65-2

INTEROFFICE MEMORANDUM

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REPORT OF COAL QUANTITY AND QUALITY
 FIRST QUARTER CY-1995

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

Boiler No. 1

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>
Total quantity of coal burned (tons).	957	953	1797
Average ash content (percent) coal burned. +	9.62	9.80	9.66
Average sulfur content (percent) of coal burned.	.82	.75	.77
Average heat content (Btu/lb) of coal burned. #	12679	12574	12601
Average sulfur dioxide emission rate (lbs. SO ₂ /10 ⁶ Btu actual heat input) from coal burned. *	1.26	1.16	1.19

+ 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
 FIRST QUARTER CY-1995

U.S. DOE FERNALD ENVIRONMENTAL RESTORATION MANAGEMENT
 CORPORATION

Fernald, Ohio

Boiler No. 3

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>
Total quantity of coal coal burned (tons).	1776	1608	365
Average ash content (percent) coal burned. +	9.86	10	9.69
Average sulfur content (percent) of coal burned.	.78	.76	.77
Average heat content (Btu/lb) of coal burned. #	12634	12625	12689
Average sulfur dioxide emission rate (lbs. SO ₂ /10 ⁶ Btu actual heat input) from coal burned. *	1.20	1.17	1.18

+ Limit is 12%

BTU/pound of coal greater than 11,900

* Limit is 1.33 lbs. SO₂/10⁶ BTU

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