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**COAL ANALYSIS REPORT - FIRST QUARTER, CALENDAR YEAR
1996 - FERNALD ENVIRONMENTAL MANAGEMENT PROJECT (FEMP),
PERMIT NO. 1341110128, B001/B003**

04/17/96

**C:EC:96-0052
FERMCO HAMILTON COUNTY
3
REPORT**

Fernald Environmental



Restoration Management Corporation

P. O. Box 538704 Cincinnati, Ohio 45253-8704 (513) 648-3000

April 17, 1996

Fernald Environmental Management Project
Letter No. C:EC:96-0052

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 1996 - FERNALD ENVIRONMENTAL MANAGEMENT PROJECT (FEMP), PERMIT NO. 1431110128, B001/B003

Enclosed is the Coal Analysis Report for the First Quarter of Calendar Year 1996, 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 fluid and cursive, with a long horizontal stroke extending to the right.

Terence D. Hagen
Director
Environmental Compliance

TDH:EF:mhv
Enclosure

c: With EnclosureWithout Enclosure

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

S. M. Beckman, FERMCO
S. L. Blankenship, FERMCO
B. Perkins, FERMCO
P. B. Spotts, FERMCO

Boiler No. 1

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>
Total quantity of coal burned (tons).	1463	1428	955
Average ash content (percent) coal burned. +	9.83	7.63	10.79
Average sulfur content (percent) of coal burned.	.85	.80	.78
Average heat content (Btu/lb) of coal burned. #	12626	13052	12821
Average sulfur dioxide emission rate (lbs. SO ₂ /10 ⁶ Btu actual heat input) from coal burned. *	1.31	1.20	1.19

+ Limit is 12%

BTU/pound of coal greater than 11,900

* Limit is 1.33lbs. SO₂/10⁶ BTU

Boiler No. 3

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>
Total quantity of coal coal burned (tons).	1386	966	1358
Average ash content (percent) coal burned. +	9.80	9.36	11.04
Average sulfur content (percent) of coal burned.	.86	.74	.82
Average heat content (Btu/lb) of coal burned. #	12715	12896	12457
Average sulfur dioxide emission rate (lbs. SO ₂ /10 ⁶ Btu actual heat input) from coal burned. •	1.32	1.12	1.28

+ Limit is 12%

BTU/pound of coal greater than 11,900

* Limit is 1.33 lbs. SO₂/10⁶ BTU