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G-000-106.69

EMISSION INVENTORY QUESTIONNAIRE REPORTING YEAR 1996

02/24/97

**C:FCDP(PSI):97-0015
FDF HAMILTON COUNTY
3
REPORT**



Restoration Management Corporation

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

February 24, 1997

Fernald Environmental Management Project
 Letter No. C:FCDP(PSI):97-0015

Ms. Denise L. Bien, Environmental Technician 2
 Hamilton County Department of Environmental Services
 1632 Central Parkway, Room 201
 Cincinnati, Ohio 45210

Dear Ms. Bien:

CONTRACT DE-AC24-92OH21972, EMISSION INVENTORY QUESTIONNAIRE - REPORTING YEAR 1996

Reference: Letter, C. R. Chadwick to S. M. Beckman, "Facility Emission Inventory," dated January 30, 1997

As requested in the referenced letter, enclosed is the Emission Inventory Questionnaire for Reporting Year 1996. Radionuclide data is not available at this time for the NESHAP Support H sources for 1996. When the information becomes available it will be submitted in the annual NESHAP report.

If you have any questions concerning this Questionnaire, please contact Ervin Fisher at (513) 648-5293.

Sincerely,

A handwritten signature in cursive script that reads "Lewis C. Goidell".

Lewis C. Goidell
 Manager, Environmental Compliance
 Facilities Closure & Demolition Projects

LCG:EF:mhv
 Enclosure

c:	M. W. Page, FDF/MS44	AR Coordinator/MS78
	E. P. Skintik, DOE-FEMP/MS45	PSI(EC) Files
	P. B. Spotts, FDF/MS65-2	File Record Storage Copy 108.6
	T. J. Walsh, FDF/MS65-2	
	S. K. Holliday/MS69	

HAMILTON COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES
EMISSION INVENTORY QUESTIONNAIRE
STATIONARY COMBUSTION SOURCES

7983

Please complete this form with data representing operations for the calendar year listed above.

BUSINESS NAME Dept. of Energy (FEMP)

BUSINESS ADDRESS P. O. Box 538704 Cincinnati, Ohio 45253-8704

REPORTED BY Ervin Fisher TELEPHONE (513) 648-5293

OEPA PREMISE NO. 1431110128 DATE February 20, 1997

FAX NUMBER (513) 648-5263

OEPA Source No. (such as B001)	B001	B003	B006	B007-9
Company ID No.	10-001	10-003	10-007	10-009-11
Type of Fuel Used	Coal	Coal	Gas	Gas/Oil
Coal, tons/year	6862	3710		
Oil (indicate type), gal/year	N/A	N/A	N/A	# 2 Oil = 6727
Gas, Million cubic ft/year (please report mmcf)*	N/A	N/A	64.9	90.824
Other (indicate units) units/year	N/A	N/A	N/A	N/A
Fuel Sulfur Content % (as fired)	0.85 %	0.77 %	N/A	N/A / 0.012 %
Ash % (as fired)	10.4 %	9.85 %	N/A	N/A / 0.01 %
Fuel Heat Value (BTU/unit) as fired	12752	12652	1020	1020 / 140000
Actual Collector Efficiency	97.3	97.3	N/A	N/A / N/A
Last Date Tested	4/7/88	4/7/88	N/A	N/A / N/A
% Annual Throughput During Each Quarter				0/ 12.3
January - March	56	100	0.2	
April - June	44	0	0.1	24/ 0
July - September	0	0	0.7	50.3/ 0
October - December	0	0	99.0	25.7/ 87.7
Operating Schedule Hours/Day	24	24	24	24
Days/Week	7	7	7	7
Weeks/Year (or Hours/Year)	3344 hr	1770 hr	52 wk	52 wk
Hours Source Operated Without Control Equip.	00	00	00	00

*Natural gas usage should be reported in million cf. The unit mcf is thousand cf.

COMMENTS: Information provided on B001 & B003 is derived from the Coal Quality and the Excess Opacity Reports. Collection Efficiency is based on results from latest Stack Test. Both boilers were taken out of service on June 1, 1996. Demolition of the boiler plant is schedule to begin in 1997.

MAIL TO: Hamilton County Department of Environmental Services
c/o Denise L. Bien, Environmental Technician
1632 Central Parkway
Cincinnati, Ohio 45210

revised 11/94

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EMISSION INVENTORY QUESTIONNAIRE
Department of Environmental Services
NESHAP EMISSIONS

Please complete this form with data representing operations for the calendar year listed above.

BUSINESS NAME Dept. of Energy FEMP
BUSINESS ADDRESS P. O. Box 538704 Cincinnati, Ohio 45253-8704
REPORTED BY Ervin Fisher TELEPHONE (513) 648-5293
OEPA PREMISE NO. 1431110128 DATE February 20, 1997
FAX NUMBER (513) 738-6236

OEPA Source No.	T111	T112	T159
Company ID No.	65-001	65-002	65-003
Type of Process	Radium Storage	Radium Storage	Metal Oxide
Type of Activity	Radon Release	Radon Release	Radon Release
Activity, Actual Annual (units/year)	Continuous	Continuous	Continuous
Type of emissions	Rad	Rad	Rad
Rate of emissions (includes daughters)	Est. @ 2.5 Ci/yr	Est. @ 2.5 Ci/yr	Est. @ 0.9 Ci/yr
Pollution Control Equipment/Efficiency	Bentonite Cap 99.24%	Bentonite Cap 99.24%	None
% Annual Throughput During Each Quarter	N/A	N/A	N/A
January - March	N/A	N/A	N/A
April - June	N/A	N/A	N/A
July - September	N/A	N/A	N/A
October - December	N/A	N/A	N/A
Actual Operating Schedule Hours/Day	24	24	24
Days/Week	7	7	7
Weeks/Year	52	52	52
Hours Operated Without Control Equipment	N/A	N/A	N/A

* Pollution control Equipment- Baghouse, cyclone, scrubber, etc., or none

COMMENTS: Emission estimate for the K65 Silo #3 is based on best engineering judgement using Ideal Gas Law and radon concentrations of 3.0 E5 pCi/L. Emission estimates for T111 and T112 are based on best engineering judgement comparing the radon flux from the bare and covered residues.

MAIL TO: Hamilton

County Department of Environmental Services
c/o Denise L. Bien, Environmental Technician
1632 Central Parkway
Cincinnati, Ohio 45210

revised 2/92

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