



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

January 20, 1998

Fernald Environmental Management Project  
Letter No. C:FCDP(PSI):98-0002

Mr. Peter J. Sturdevant, Compliance Specialist  
Air Quality Management  
Hamilton County Department of Environmental Services  
1632 Central Parkway  
Cincinnati, Ohio 45210

Dear Mr. Sturdevant:

**FUEL USAGE REPORT - FOURTH QUARTER, CALENDAR YEAR 1997 - FERNALD ENVIRONMENTAL MANAGEMENT PROJECT (FEMP), PERMIT NO. 1431110128 B006, B007, B008, AND B009**

Enclosed is the Fuel Usage Reports for the Fourth Quarter of Calendar Year 1997, for Boiler No. B006 and Boilers B007, B008, and B009 which are located at the FEMP. Boiler B006 was converted under PTI 14-4253 during the quarter to also burn diesel fuel.

During the reporting period, Boiler B006 used 35.022 MMCF of Natural Gas. B007 used 12.183MMCF natural gas, B008 used 8.640 MMCF natural gas, and B009 used 12.841 MMCF natural gas. There were three Diesel Fuel deliveries during the quarter totaling 6892.6 gallons. Boiler B006 combusted 6760 gallons of fuel oil testing the boiler during the quarter. Boilers B007, B008, and B009 combusted 104 gallons of diesel fuel during the quarter. Total diesel fuel burned in Boilers B007, B008, and B009 for the last 12 months was 104 gallons. See attachments.

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

Sincerely,

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

Lewis C. Goidell  
Manager, Environmental Compliance  
Project Support and Integration

LCG:EF:mhv  
Enclosure



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c: With Enclosure

E. Fisher, FDF, MS65-2  
S. K. Holliday, FDF, MS69  
W. J. Naber, FDF, MS75  
E. P. Skintik, DOE-FEMP, MS45  
T. J. Walsh, FDF, MS65-2  
~~AR Coordinator, MS78~~  
File Record Storage Copy 108.6  
PSI(EC) Files

Without Enclosure

R. E. Bauer, FDF, MS69  
S. L. Blankenship, FDF, MS75  
M. W. Page, FDF, MS44-1  
C. L. Turner, FDF, MS44-1  
P. B. Spotts, FDF, MS65-2

REPORT OF DIESEL CONSUMPTION  
BOILER NO. B007, B008, AND B009  
FOURTH QUARTER CY-1997

MONTH	RECEIVED	COMBUSTED
OCTOBER	0 Gallons	0 Gallons
NOVEMBER	5392.6 Gallons	0 Gallons
DECEMBER	1500 Gallons	104 Gallons

OIL SUPPLIER'S ANALYSIS

AVERAGE SULFUR CONTENT	0.023 %
AVERAGE HEAT CONTENT (BTU/GAL)	139583

REPORT OF DIESEL CONSUMPTION  
BOILER NO. B006  
FOURTH QUARTER CY-1997

MONTH	RECEIVED	COMBUSTED
OCTOBER	0 Gallons	0 Gallons
NOVEMBER	5392.6 Gallons	6760 Gallons
DECEMBER	1500 Gallons	0 Gallons

OIL SUPPLIER'S ANALYSIS

AVERAGE SULFUR CONTENT	0.023 %
AVERAGE HEAT CONTENT (BTU/GAL)	139583

1221

To: *John Heyab*

To: JIM MOORE  
cc: apc/fts  
From: RUSSELL LEWIS  
Date: 12/30/96 08:55:08 AM  
Subject: Request for LSDF Information

Per your request, the following data was obtained on a sample of LSDF from Cincinnati Tank 035 dated 12/4/96.

API Gravity	34.0
Sulfur, Wt%	0.025
Cloud Point °F	-5
Pour Point °F	-20
ASTM Color	<1.0
Flash Point °F	133
Workmanship	Pass
Est. BTU Content	139,500 BTU/GAL

If additional information is needed, please advise.

Russ

*Received 2774 gals*

*11-21-97*

*Chris Fish*

To: *John Heysh*

To: JIM MOORE  
cc: apc/fts  
From: RUSSELL LEWIS  
Date: 12/30/96 08:55:08 AM  
Subject: Request for LSDF Information

Per your request, the following data was obtained on a sample of LSDF from Cincinnati Tank 035 dated 12/4/96.

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Sulfur, Wt%	0.025
Cloud Point °F	-5
Pour Point °F	-20
ASTM Color	<1.0
Flash Point °F	133
Workmanship	Pass
Est. BTU Content	139,500 BTU/GAL

If additional information is needed, please advise.

Russ

*Received 2618.6 gals on Nov. 22, 1997*

*Erin Fisher*

1221

To: *John Heyob*

To: JIM MOORE  
cc: apc/fts  
From: RUSSELL LEWIS  
Date: 12/30/96 08:55:08 AM  
Subject: Request for LSDF Information

Per your request, the following data was obtained on a sample of LSDF from Cincinnati Tank 035 dated 12/4/96.

API Gravity	34.0
Sulfur, Wt%	0.025
Cloud Point °F	-5
Pour Point °F	-20
ASTM Color	<1.0
Flash Point °F	133
Workmanship	Pass
Est. BTU Content	139,500 BTU/GAL

If additional information is needed, please advise.

Russ

*Received 1500 gallons on 12-3-97*

*Chris Fish*

FUEL OIL 12 MONTH TOTAL					
B007, B008, B009			B006		
	Fuel Combsusted	12 Month Total		Fuel Combusted	12 Month Total
JAN. 1997	0	6727		N/A	
FEB 1997	0	6727		N/A	
MAR 1997	0	5897		N/A	
APR 1997	0	5897		N/A	
MAY 1997	0	5897		N/A	
JUN 1997	0	5897		N/A	
JUL 1997	0	5897		N/A	
AUG 1997	0	5897		N/A	
SEP 1997	0	5897		N/A	
OCT 1997	0	5677		N/A	0
NOV 1997	0	5677		6760	6760
DEC 1997	104	104		0	6760