



Department of Energy

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MAY 25 2000

Mr. David A. Kee, Director
c/o Michael Murphy
Air & Radiation Division
U.S. Environmental Protection Agency
Region 5 - A-18J
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

DOE-0714-00

Dear Mr. Kee:

**1998 NATIONAL EMISSIONS STANDARDS FOR HAZARDOUS AIR POLLUTANTS
ANNUAL REPORT FOR THE DEPARTMENT OF ENERGY, FERNALD ENVIRONMENTAL
MANAGEMENT PROJECT**

Reference: Letter from J. Barnett, U.S. EPA, to Johnny Reising, DOE-FEMP,
"Application for Approval to Use Environmental Measurements to
Demonstrate Compliance with the National Emission Standards for
Hazardous Air Pollutants, Subpart H," dated August 11, 1997

This letter transmits the 1999 National Emissions Standards for Hazardous Air Pollutants (NESHAP) Subpart H Annual Report to the U.S. Environmental Protection Agency (U.S. EPA). This document fulfills the annual reporting requirements of 40 CFR 61.94(a) for the Fernald Environmental Management Project (FEMP). Furthermore, as committed to in the FEMP's Integrated Environmental Monitoring Plan (IEMP), the 1999 NESHAP Annual Report has been included as Appendix D in the Integrated Site Environmental Report (ISER) for Calendar Year (CY) 1999 and will be available to FEMP stakeholders through distribution of the ISER.

The year 1999 marks the second year in which the FEMP has used an alternate, monitoring-based approach for demonstrating compliance with the NESHAP Subpart H requirements. Prior to 1998, annual reports utilized emission estimates and computer modeling to demonstrate compliance. The alternate approach, which relies on measurements of airborne radiological air particulate concentrations for calculating a maximum effective dose equivalent at the FEMP fence line, was approved by the U.S. EPA (Reference) and is detailed in Chapter 6 of the IEMP.

Mr. David A. Knee

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Based on 1999 radiological air particulate monitoring data, the maximum effective dose equivalent at the FEMP fenceline was calculated to be 0.29 millirem (mrem) at a monitoring location along the east fenceline of the site. This is in compliance with NESHAP Subpart H standard of 10 mrem.

If you have any questions, please contact Ed Skintik at (513) 648-3151.

Sincerely,



Jack R. Craig
Director

FEMP:Skintik

Enclosure

cc w/enclosure:

E. Skintik, OH/FEMP

P. J. Sturdevant, HC-DOES

AR Coordinator, Fluor Fernald, Inc./78

cc w/o enclosure:

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