

**Department of Energy**

**Ohio Field Office  
Fernald Closure Project  
175 Tri-County Parkway  
Springdale, Ohio 45246  
(513) 648-3155**



MAY 24 2005

Ms. Eleanor D. Thornton  
U.S. Environmental Protection Agency  
1200 Pennsylvania Avenue, NW  
Mailstop 6608J  
Washington, DC 20460

DOE-0245-05

Dear Ms. Thornton:

**2004 NATIONAL EMISSIONS STANDARDS FOR HAZARDOUS AIR POLLUTANTS  
ANNUAL REPORT FOR THE FERNALD CLOSURE PROJECT**

Reference: United States Environmental Protection Agency letter, Jack Barnett to Johnny Reising, "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 2004 National emissions Standards for Hazardous Air Pollutants (NESHAP) Subpart H Annual Report for the Fernald Closure Project (FCP) to the United States Environmental Protection Agency (USEPA). This document fulfills the annual reporting requirements of 40 CFR 61.94(a) for the FCP. Furthermore, as committed to in the FCP's Integrated Environmental Monitoring Plan (IEMP), the 2004 NESHAP Annual Report has been included as Appendix D of the Site Environmental Report (SER) for calendar year 2004 and will be available to FCP stakeholders through distribution of the SER.

The 2004 report marks the seventh consecutive year that the FCP has used an alternate, monitoring-based approach for demonstrating compliance with the NESHAP Subpart H requirements. Prior to 1998, annual reports used 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 Fernald site fenceline, was approved by the USEPA in the referenced letter and is detailed in Chapter 6 of the IEMP.

Based on 2004 radiological air particulate monitoring data, the maximum effective dose equivalent at the Fernald site fenceline due to the air inhalation pathway was calculated to be 0.65 millirem (mrem) at a monitoring location along the east fenceline of the site. This is in compliance with the NESHAP Subpart H standard of 10 mrem.

Ms. Eleanor D. Thornton

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

Sincerely,



William J. Taylor  
Director

FCP:Skintik

Enclosures: As Stated

cc w/enclosure:

P.J. Sturdevant, HCDES

M. Murphy, USEPA-Region 5

AR Coordinator, Fluor Fernald, Inc./MS78

cc w/o enclosure:

B. Bilson, Fluor Fernald, Inc./MS1

W. Hertel, Fluor Fernald, Inc./MS99

T. Poff, Fluor Fernald, Inc./MS88

C. Tabor, Fluor Fernald, Inc./MS12

T. Tetsuwari, Fluor Fernald, Inc./MS12