



Department of Energy

Ohio Field Office
Fernald Area Office

P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155



MAY 31 2001

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

DOE-0606-01

Dear Ms. Thornton:

2000 NATIONAL EMISSIONS STANDARDS FOR HAZARDOUS AIR POLLUTANTS ANNUAL REPORT FOR THE FERNALD ENVIRONMENTAL MANAGEMENT PROJECT

Reference: USEPA letter from J. Barnett to J. 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 2000 National Emissions Standards for Hazardous Air Pollutants (NESHAP) Subpart H Annual Report to the United States Environmental Protection Agency (USEPA). 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 2000 NESHAP Annual Report has been included as Appendix D in the Integrated Site Environmental Report (ISER) for Calendar Year (CY) 2000 and will be available to FEMP stakeholders through distribution of the ISER.

The 2000 report marks the third consecutive year that 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 USEPA in the referenced letter and is detailed in Chapter 6 of the IEMP.

Based on 2000 radiological air particulate monitoring data, the maximum effective dose equivalent at the FEMP fence line was calculated to be 1.1 millirem (mrem) at a monitoring location along the east fence line of the site. This is in compliance with the NESHAP Subpart H standard of 10 mrem.

Ms. Eleanor D. Thornton

-2-

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

Sincerely,



Stephen H. McCracken
Director

FEMP:Skintik

Enclosures: As Stated

cc w/enclosure:

AR Coordinator, Fluor Fernald, Inc./MS78

cc w/o enclosure:

P. J. Sturdevant, HC-DOES

J. Byrne, Fluor Fernald, Inc./MS90

M. Frank, Fluor Fernald, Inc./MS90

T. Hagen, Fluor Fernald, Inc./MS90

T. Poff, Fluor Fernald, Inc./MS65-2

ECDC, Fluor Fernald, Inc./MS52-7