

Public Meeting Westinghouse Hematite Decommissioning Plan

Keith McConnell
U.S. Nuclear Regulatory Commission

Purpose of the Meeting



- Overview of Proposed Westinghouse Hematite Action
- Overview of NRC's Review Process Associated with Decommissioning Plan
- Describe NRC Review Areas & Review Actions
- Inform Public of Their Opportunity to Participate in NRC's Review Process
- Solicit Public Comments & Identify Public Concerns Regarding Westinghouse Hematite's Proposed Action

NRC Staff Members Present



- Rebecca Tadesse
 - Branch Chief
- Jack Hayes
 - Project Manager
- Leah Spradley & Karen Pinkston
 - Radiological dose assessors
- Lifeng Guo
 - Groundwater Hydrologist
- Bruce Watson
 - Health Physicist
- Bill Snell
 - NRC Region III Inspector
- Christine Lipa
 - NRC Region III Branch Chief
- Harral Lagaras
 - NRC Region III Government Liaison
- Jenny Weil
 - Office of Congressional Affairs
- T. R. Rowe
 - Licensing Assistant



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Rebecca Tadesse
U.S. Nuclear Regulatory Commission

Who is the U.S. NRC?

- Independent regulatory agency established in 1974
- Regulates the nation's civilian use of certain radioactive material (e.g., nuclear power plants, medical and industrial uses of radioactive materials, and waste disposal)
- Ensures adequate protection of public health and safety
- Promotes the common defense and security
- Protects the environment



Summary



NRC will independently determine that Westinghouse actions are safe and secure prior to, during and upon completion of decommissioning.



Hematite Project Overview

Proposed Westinghouse Action

- Decommission Site for Unrestricted Radiological Use
- Action Involves Excavation of Material from Burial Pits & Shipment Offsite
- Demolition of Some Buildings & Shipment of Building Rubble Offsite



Westinghouse Hematite Site Operational History



- Multiple Owners – purchased by Westinghouse 2000
- Operational nuclear fuel fabrication facility (1956 – 2001)
 - Government nuclear fuel production (1956 – 1974)
 - Commercial nuclear fuel production (1974- 2001)



Hematite Waste Forms & Contents



- Excavated soil and associated debris, demolished buildings and equipment
- Some waste with enriched in uranium-235
- About 5% of Hematite waste contains hazardous chemicals



Proposed Final Action by NRC



Determination of Acceptability of Westinghouse Hematite Decommissioning Plan



NRC License Amendment Process

John Hayes

U.S. Nuclear Regulatory Commission

NRC Review Process



- Previous Decommissioning Plans (DP) Submitted but Rejected – 4/2004, 1/28/05, 10/5/05;
- DP Conditionally Accepted for Review - 9/20/06
- Revised DP Submitted - 8/12/09
- Acceptance Review of DP Completed – 11/2/09

NRC Review Process (continued)



- Opportunity for Hearing Notice Published in Federal Register – 12/8/09
- Public Meeting on DP Amendment Request - 12/14/09
- Deadline to Request a Hearing – 2/8/10

NRC Review Process (continued)



- NRC Request for Additional Information (RAI) Sent to Licensee – March 2010
- Westinghouse Responses to RAIs sent to NRC – April 2010
- NRC Decision to Grant or Deny Amendment Request – Nov. 2010



NRC Decommissioning Team



- Decommissioning Plan Review Team
 - Project Manager
 - Radiological dose assessment analyst
 - Criticality analyst
 - Physical security analyst
 - Environmental impacts analyst
 - Waste disposal analyst
 - Material Control & Accountability analyst
 - Financial Assurance analyst
 - Health Physicist
- Inspection Team
 - NRC Region III Inspectors

Decommissioning Plan Documents



- <http://www.nrc.gov/reading-rm/adams/web-based.html>
- Select “Begin ADAMS Search”
- Select “Advanced Search”
- Enter Docket Number “07000036”
- Use Date Added field to narrow search



Public Participation



- Request a hearing by February 8, 2010, as described in the Federal Register Notice 74 FR 64765-64769.
- Comments on Decommissioning Plan or approval of amendment request may be sent to:
John Hayes
U.S. Nuclear Regulatory Commission
Two White Flint North, Mail Stop T8F5
11545 Rockville Pike
Rockville, MD 20852-2738

Telephone: (301) 415-5928;
Fax: (301) 415-5369;
e-mail: john.hayes@nrc.gov.



Poster Session

U.S. Nuclear Regulatory Commission

NRC Staff Members & Discussion Areas



- Jack Hayes – Overall Project Issues & Public Involvement
- Karen Pinkston & Leah Spradley -Radiological Dose & Waste Disposal
- Bruce Watson – Final Status Survey of Land & Buildings
- Lifeng Guo – Groundwater Issues
- Mauri Lemoncelli – Public Participation in the Hearing Process
- Bill Snell/Christine Lipa – Region III Inspection Activities
- Rebecca Tadesse – NRC & Its Mission & Public Involvement
- Keith McConnell – NRC & Its Mission

Missouri Department of Natural Resources



- Eric Gilstrap
- Branden Doster
- Ramona Huckstep

