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7-7-05

Working Outline

West Valley Decommissioning and/or Long-Term Stewardship Multi-agency Review Draft EIS

- 1.01 Introduction and Purpose and Need for Agency Action
 - 1.011 Overview
 - 1.012 History of the EIS
 - 1.013 Purpose and Need for Agency Action
 - 1.014 The Proposed Action and Scope of the EIS
 - 1.015 Decisions to Be Supported by this EIS
 - 1.016 Relationship to Other NEPA Documents
 - 1.017 Public Participation and Scoping
 - 1.017.1 Scoping Process
 - 1.017.2 Issues Raised in Comments on the 1996 Draft EIS (to be finalized for public DEIS)
 - 1.017.3 Interagency Workshop
 - 1.018 Organization of this EIS
- 1.02 Project Description and Alternatives
 - 1.021 Project Description
 - 1.021.1 Closure Engineering Reports
 - 1.021.2 The WNYNSC and Facilities
 - 1.022 Alternatives
 - 1.022.1 Alternative 1
 - 1.022.2 Alternative 2
 - 1.022.3 Alternative 3
 - 1.022.4 Alternative 4
 - 1.022.5 Alternative 5 (No Action Alternative)
 - 2.3 Alternatives considered but eliminated from detailed analysis
 - 2.3.1 Waste Storage in Existing or New Above-Ground Facilities
 - 2.4 Comparison of Alternatives (Summary of Environmental Consequences Analyzed in the EIS)
 - 2.4.1 Baseline Risk, Unmitigated Hazard
 - 2.4.2 Comparison of Alternatives
 - 2.4.2.1. Alternative 1
 - 2.4.2.2. Alternative 2
 - 2.4.2.3. Alternative 3
 - 2.4.2.4. Alternative 4
 - 2.4.2.5. Alternative 5
 - 2.4.2.6. Environmental Consequences that Differ Substantially Depending on the Alternative Selected
 - 2.4.2.7. Environmental Consequences with Minimal Impact Regardless of the Alternative Selected.
 - 2.4.3 Uncertainties Associated with Implementation the Various Alternatives
 - 2.4.3.1. Technology availability
 - 2.4.3.2. Disposal site availability

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- 2.4.1. Comparison of Compatibility with Regulatory Requirements
 - 2.4.4.1. NRC regulations
 - 2.4.4.2. RCRA regulations
 - 2.4.4.3. Sole Source Aquifer regulations
- 3.0 Affected Environment
 - 3.1 Land Resources
 - 2.0.1 Land Use
 - 2.0.2 Visual Environment
 - 3.2 Site Infrastructure
 - 2.1.1 Electricity
 - 2.1.2 Natural Gas
 - 2.1.3 Water
 - 2.2 Geology and Soils
 - 3.3.1 Geology
 - Glacial Geology and Stratigraphy
 - Bedrock Geology and Structure
 - 3.3.2 Soils
 - 2.3 Geomorphology
 - 2.4 Seismology
 - 2.5 Hydrology – Water Resources
 - 3.6.1 Surface Water
 - 3.6.2 Groundwater
 - 2.6 Meteorology, Air Quality and Noise
 - 2.6.1 Air Quality
 - Nonradiological Releases
 - Radiological Releases
 - 2.6.2 Noise
 - 2.7 Ecological Resources
 - 2.7.1 Terrestrial Resources
 - 2.7.2 Wetlands
 - 2.7.3 Aquatic Resources
 - 2.7.4 Threatened and Endangered Species
 - 2.8 Cultural Resources
 - 2.8.1 Prehistoric Resources
 - 2.8.2 Historic Resources
 - 2.8.3 Traditional Cultural Properties
 - 2.9 Socioeconomics
 - 2.9.1 Regional Economic Characteristics
 - 2.9.2 Demographic Characteristics
 - 2.9.3 Housing and Community Services
 - 2.9.4 Local Transportation
 - 2.10 Human Health and Safety Baseline
 - 2.10.1 Radiation Exposure and Risk
 - 2.10.2 Chemical Environment
 - 2.10.3 Health Effect Studies
 - 2.10.4 Accident History

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- 2.10.5 Emergency Preparedness and Security
- 2.11 Environmental Justice
- 2.12 Waste Management and Pollution Prevention
- 3.14 Environmental Restoration Program

- 4.0 Environmental Consequences
 - 4.1 Introduction (Each resource area will address impacts from Alternatives 1 through 5)
 - 3.0.1 Land Resources
 - 4.1.1.1 Land Use
 - Area Available for Release
 - 4.1.1.2 Visual Environment
 - 4.1.2 Site Infrastructure
 - 4.1.3 Geology and Soils
 - 4.1.4 Hydrology – Water Resources
 - 4.1.4.1 Surface Water
 - 4.1.4.2 Groundwater
 - 4.1.5 Air Quality and Noise
 - 4.1.5.1 Air Quality
 - Nonradiological Releases
 - Radiological Releases
 - 4.1.5.2 Noise
 - 4.1.6 Ecological Resources
 - 4.1.6.1 Terrestrial Resources
 - 4.1.6.2 Wetlands
 - 4.1.6.3 Aquatic Resources
 - 4.1.6.4 Threatened and Endangered Species
 - 4.1.6.5 Ecological Risk
 - 4.1.7 Cultural Resources
 - 4.1.7.1 Prehistoric Resources
 - 4.1.7.2 Historic Resources
 - 4.1.7.3 Traditional Cultural Properties
 - 4.1.8 Socioeconomics
 - 4.1.9 Human Health and Safety
 - 4.1.9.1 Implementation Phase Impacts
 - Site Construction and Normal Operations
 - Radiological Impacts*
 - Hazardous Chemicals and Explosives Impacts*
 - Facility Accidents
 - Radiological Impacts*
 - Hazardous Chemicals and Explosives Impacts*
 - Transportation
 - Crew*
 - Public*
 - Emergency Preparedness and Security
 - 4.1.9.2 Long-Term Impacts
 - Expected Conditions
 - Conditions Not Expected to Occur

- 4.1.10 Environmental Justice
- 4.1.11 Waste Management and Pollution Prevention
 - 4.1.11.1 Waste Management
 - 4.1.11.2 Pollution Prevention
- 4.1.12 Environmental Restoration Program
- 4.2 Cumulative Impacts
- 4.3 Mitigation Measures
- 4.4 Resource Commitments
 - 4.4.1 Unavoidable Adverse Environmental Impacts
 - 4.4.2 Relationship Between Short Term Use of the Environment and Long Term Productivity
- 3.3.3 Irreversible and Irrecoverable Commitments of Resources
- 5.0 Applicable Laws, Regulations, and Other Requirements
 - 5.1 Background
 - 5.2 Applicable Federal Laws and Regulations
 - 5.2.1 WVDP Act
 - 5.2.2 RCRA
 - 4.1.3 Sole Source Aquifer
 - 4.1.4 AEA
 - 4.1.5 Other
 - 5.3 Applicable Executive Orders
 - 5.4 Applicable U.S. Department of Energy Regulations and Orders
 - 5.5 Applicable State Laws, Regulations, and Agreements
 - 5.6 Emergency Management and Response Laws, Regulations, and Executive Orders
 - 5.7 Consultations with Agencies and Federally-Recognized American Indian Nations
- 6.0 References
- 7.0 Glossary
- 8.0 Index
- 9.0 List of Preparers
- 10.0 Distribution List

Appendices

- A – Scoping Process Issues
- B – Federal Register Notices
- C – Existing Facilities, Implementation Activities, and New Construction
- D – Approach to Long-Term Performance Assessment
- E – Hydrologic Analyses and Groundwater Flow Regime
- F – Erosion Studies
- G – Performance Assessment Models
- H – Long-Term Performance Assessment Results

- I – Evaluation of Radiological Health Impacts During the Implementation Phase
- J – Transportation Impact Analysis
- K – Ecological Risk (Planned for Public DEIS)
- M – Non-radiological Air Quality
- L – Tank-in/Tank-out Analysis
- N – Summary of Corrective Measures Study Descriptive and Analytical Information
- O – Contractor Disclosure Statements

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