

PROPOSED OUTLINE
ENVIRONMENTAL REPORT TO SUPPORT
TERMINATION OF NRC LICENSE AT
JEFFERSON PROVING GROUND

1. Proposed Action
 - 1.1 Facility Operating History
 - 1.2 Purpose and Need for Action
 - 1.3 Other Environmental Programs
This section will characterize the status of other investigations. For example, the remedial investigation/feasibility study, RCRA actions.

2. Facility Description
This chapter will be updated to reflect both a year 2000 baseline and the surrounding area as appropriate. The discussions will focus on the NRC-licensed area within Jefferson Proving Ground.
 - 2.1 Site Location and Description
 - 2.2 Socioeconomics and Population
 - 2.3 Current/Future Land Use. *This section will be updated to reflect current land use at the installation and acknowledge the Memorandum of Agreement with the U. S. Fish and Wildlife Service and the U. S. Air Force.*
 - 2.4 Meteorology/Climatology and Air Quality
 - 2.5 Geology and Seismology
 - 2.6 Water Resources
 - 2.6.1 Surface Water Hydrology
 - 2.6.2 Groundwater Hydrology
 - 2.7 Cultural Resources
 - 2.8 Biological Resources
 - 2.9 Noise

3. Nature and Extent of Contamination
 - 3.1 Radiological Status
This section will characterize the depleted uranium deposition in the NRC-licensed area. This discussion will be based primarily on the information contained in the SEG reports.
 - 3.1.1 Regional Background Radiation
 - 3.1.2 NRC-Licensed Area – *This section will characterize the results of the current environmental monitoring conducted under the NRC license.*
 - 3.1.1.1 Groundwater Monitoring
 - 3.1.1.2 Surface Water and Sediment Sampling
 - 3.1.1.3 Soil Sampling
 - 3.2 Nonradiological Status

- 3.2.1 UXO – *This section will characterize the occurrence of UXO at the installation and within the NRC-licensed area*
 - 3.2.2 Other Environmental Investigations
This section will briefly summarize the results of other ongoing RCRA and CERCLA investigations at the installation.
- 4. Proposed Action and Alternatives
 - 4.1 Alternatives
Note: Alternatives Considered are consistent with those identified in the February 2001 License Termination Plan
 - 4.1.1 Proposed Action: License Termination to Allow Restricted Use
This alternative will be consistent with the information contained in the February 2001 “License Termination Plan.” The discussion will stress the ALARA analysis and the provisions for legally enforceable institutional controls per the requirements of 10 CFR 20.1403.
 - 4.1.2 License Termination to Allow Unrestricted Use
This alternative will be described consistent with the information contained in the June 1999 version of the Decommissioning Plan.
 - 4.1.3 No Action Alternative
This alternative would be to not terminate the NRC license and to continue business as usual. The No Action alternative provides the baseline for comparison.
 - 4.2 Alternatives Considered but Eliminated from Detailed Analysis
- 5. Environmental Impacts of the Proposed Action and Alternatives
The discussion of environmental impacts from the Proposed Action may encompass 20 to 25 pages that will discuss impacts to the resource areas in more detail as shown below in Section 5.1. The discussion of environmental impacts from the other two alternatives will be a brief summary and may encompass one to two pages per alternative.
 - 5.1 Environmental Impacts of the Proposed Action: License Termination to Allow Restricted Use
 - 5.1.1 Environmental Impacts
 - 5.1.1.1 Socioeconomics and Population
 - 5.1.1.2 Land Use
 - 5.1.1.3 Air Quality
 - 5.1.1.4 Water Resources
 - Surface Water Hydrology
 - Groundwater Hydrology
 - 5.1.1.5 Cultural Resources
 - 5.1.1.6 Biologic Resources
 - 5.1.1.7 Socioeconomics and Environmental Justice
 - 5.1.1.8 Noise
 - 5.1.2 Human Health Effects
 - 5.1.2.1 Implementation Phase Impacts
 - 5.1.2.2 Post-Implementation Impacts

This section will state that the dose is less than the license termination criteria (25 mrem per year) and cite the license termination plan for detail. The Environmental Report will state that if institutional controls failed, the NRC license termination criteria would be met. The License Termination Plan will be referenced for more detail.

5.1.3 Cumulative Impacts

5.2 Environmental Impacts of License Termination to Allow Unrestricted Use

5.3 Environmental Impacts of the Proposed Action

6. ALARA Analysis

This section will state that the ALARA analysis that considers costs and benefits supports the proposed action. The license termination plan will be referenced for detail.

7. Regulatory Consultations and Permits

7.1 Memorandum of Agreement

7.2 Section 106 Consultation

7.3 Other Permits