



NRC Saltstone Performance Assessment Review and Saltstone Monitoring

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Objectives

- Role of NRC at Saltstone
 - Saltstone monitoring
- Saltstone Performance Assessment
 - Background
 - NRC Independent review
 - Review plan
- Contact Information



Role of NRC at Saltstone

Program Documents

- 2005 Technical Evaluation Report (Dec 2005)
- NRC Monitoring Plan (May 2007)
- NUREG-1854 - Staff Guidance on DOE Waste Determinations (Aug 2007)
- NUREG-1911 - Annual NDAA Monitoring Report (Aug 2008)



United States Nuclear Regulatory Commission

Protecting People and the Environment

Role of NRC at Saltstone

National Defense Authorization Act, Fiscal Year 2005

This Act may be cited as the “Ronald W. Reagan National Defense Authorization Act for Fiscal Year 2005”.

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50 USC 2601

SEC. 3116. DEFENSE SITE ACCELERATION COMPLETION.

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(b) MONITORING BY NUCLEAR REGULATORY COMMISSION.—(1) The Commission shall, in coordination with the covered State, monitor disposal actions taken by the Department of Energy pursuant to subparagraphs (A) and (B) of subsection (a)(3) for the purpose of assessing compliance with the performance objectives set out in subpart C of part 61 of title 10, Code of Federal Regulations.



Role of NRC at Saltstone

Overview of NDAA Monitoring

- Monitoring role specified in NDAA Sect. 3116(b)
- Focuses on whether there is reasonable assurance that DOE can meet the performance objectives of 10 CFR Part 61
- Chapter 10 of NUREG-1854 provides a detailed description of NRC's monitoring program



Role of NRC at Saltstone

Overview of NDAA Monitoring (cont.)

- If NRC staff were to find that one or more performance objectives are not or will not be met, it would issue a notification letter to DOE and South Carolina stating its concerns
- If NRC staff were to find that DOE's response is not adequate, it would issue a non-compliance letter to Congress, the State, and DOE



Role of NRC at Saltstone

Responsibilities and Goals

- Saltstone production monitoring
- Saltstone disposal monitoring
- Disposal cell construction monitoring
- Review 2009 revised Saltstone performance assessment and develop a Technical Evaluation Report



Saltstone Performance Assessment

Background

- In 2005, NRC staff conducted a review of the Saltstone Performance Assessment
- Currently, NRC is conducting a review of the revised Saltstone Performance Assessment
- NRC then to review and revise Monitoring Plan



Saltstone Performance Assessment

NRC Review

- NRC staff conducts an independent review
- For more extensive technical understanding, NRC receives contract support from the Center for Nuclear Waste Regulatory Analyses in San Antonio, Texas
- NRC review team contains staff from previous review



Role of NRC at Saltstone

Public Communication

- NRC staff always appreciates public input
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Questions?