

33rd Waste Management Symposium 2007

Reducing Technical Risks in DOE Environmental Management Projects - Salt Waste Processing Facility

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Outline

- Summary of Key Risks/Findings
- Lessons Learned
- Follow-up Actions



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Summary of Key Risks/Findings

- Status of final geotechnical data.
- Change from ISO-9001 to NQA-1.
- “De-inventory, flush, and then hands-on maintenance” approach.
- Ability to procure unique, seismically qualified valves.



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Summary of Key Risks/Findings (Continued)

- Inadequate undissolved solids characterization.
- Non-destructive examination of welds in dark cells.



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Lessons Learned

- Timing of the review
- Access to Engineering, Procurement and Contractor staff and documents
- Availability of adequate facilities
- Time for internal discussion and report writing
- Fire protection expertise



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Lessons Learned (Continued)

- Focus on safety
- Quality assurance training
- Decontamination and decommissioning guidance



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Follow-up Actions

- DOE-SR transmitted ITR report to Parsons on November 22, 2006.
- DOE-SR Integrated Project Team performed an impact assessment.



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Follow-up Actions (Continued)

- DOE-SR/Parsons developed closure strategy.
 - Closure plan will include prioritization, schedule, and follow-up with ITR Team.
 - DOE-SR will monitor resolution process.



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