

N3411. INTERIM ON-SITE STORAGE OF LOW LEVEL WASTE: GUIDELINES FOR EXTENDED STORAGE

Many utilities have been forced to develop and operate interim on-site storage facilities until permanent disposal sites become available. This report, a revision of EPRI's earlier interim on-site storage guidelines, provides guidance on all aspects of on-site storage.

LLW experts from EPRI-member utilities assembled as a guidelines committee to review research into on-site storage design, development, and operating considerations as well as the experience of existing LLW on-site storage programs. This active industry participation provided insight into actual utility needs and experience in waste management and storage practices. The guidelines committee also identified significant considerations and storage project milestones from the *Interim On-Site Storage of Low Level Waste* series of reports. They next developed these considerations and milestones into flowcharts, checklists, information summaries, recommendations, and lessons learned. Finally, they transformed this information into a set of utility guidelines.

In specific, the revised guidelines provide:

- An executive summary of the overall on-site storage project, including a project flowchart and an overview of a phased approach to a comprehensive storage project.
- Key considerations for utilities developing, reviewing, or modifying on-site storage programs.
- Checklists cross-referenced to the appropriate volume in the *Interim on-Site of Low Level Waste* series, providing a mechanism to evaluate storage project activities and ensure that all critical aspects of the project are addressed.
- An extensive lessons learned section highlighting significant operating experience and issues that can impose limitations on storage facility operations.

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