

**N3410. PROCEEDINGS: 1996 ASME/EPRI RADWASTE WORKSHOP**

Minimizing the generation and cost of processing low level radioactive waste is a priority for nuclear power plants. The 17th annual ASME/EPRI Radwaste Workshop focused on the following key issues: liquid leak detection, spent-resin disposal options, the Effective Green is Clean Program, secondary-side activity release, spent-filter packaging alternatives, chemical decontamination waste processing, and the Uniform Low Level Waste Shipping Manifest program.

The workshop featured the following five general sessions:

- The joint session with the 1996 EPRI International Low Level Waste Conference (EPRI TR-106929) provided an overview of regulatory and waste characterization issues.
- The liquid and wet radwaste session addressed the generation and mitigation of biogas, with emphasis on causes, corrective actions, and plant survey data. Other subjects included radiation release from a PWR's secondary side, a liquid leak reduction success story, and an improved liquid radwaste process at one PWR.
- The dry waste (DAW) session emphasized alternatives and selection analysis for spent-resin disposal, a profile of LLW for disposal at Envirocare, and full-system decontaminated waste processing at a PWR station.
- The packaging, storage, and disposal session included discussions of a successful Green is Clean program, spent-filter packaging alternatives with emphasis on their efficiency and cost, and the risk versus cost savings when changing vendors.
- The technical issues session focused on direct vitrification of bead resin and Low Track, a computer code available for no cost from DOE, which can be used to fill out NRC's recently released Uniform Low Level Waste Shipping Manifest.

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