

# Radioactive waste - politics and technology

## Routledge - Liquid Radioactive Waste

Description: -

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American Field Service

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Social problems -- United States.

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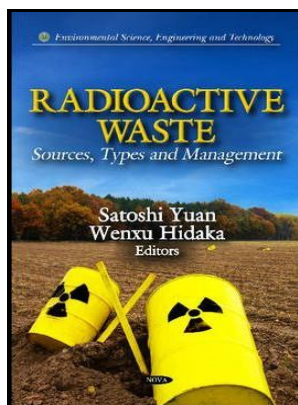
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Routledge natural environment--problems and management

series Radioactive waste - politics and technology

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### Dissertation project: Radioactive Waste, Technology and Politics

The DOE plans to pursue alternative but safe, compliant, and more cost-effective disposal paths for these wastes on a case-by-case basis. These include constructing treatment plants to convert liquid waste into a stable, long-lasting waste form such as glass until it can be safely disposed of in a geological repository. That engagement, though flawed, even presumptuous, came with a sense of moral obligation to present and future generations.

### Liquid Radioactive Waste

The main sources of primary liquid radioactive waste LRAW from NPPs are pipelines leakages, water from spent nuclear fuel storage pools, solutions remaining after sorbent regeneration and spent decontamination solutions.

### Radioactive Waste: Politics and Technology

The Salt Waste Processing Facility SWPF and the Waste Treatment and Immobilization Plant WTP are being constructed at SRS and Hanford, respectively, to treat and immobilize radioactive tank waste. When annealing is not applied, cracking occurs resulting in a large surface area potentially available for attack by water in a repository environment.

### Dissertation project: Radioactive Waste, Technology and Politics

Marija Šljivić-Ivanović Ivana Smičiklas, in , 2020 23. Radioactive Waste provides a detailed historical account of the policy and practice of radwaste management in Britain, Sweden and the Federal Republic of Germany. In this chapter, therefore, only general considerations have been presented that should be taken into account in the waste management planning process.

### Radioactive waste : politics and technology / Frans Berkhout

At other sites, tanks have been emptied to the maximum extent practicable and then backfilled with concrete or grout to stabilize the small amount of contamination remaining.

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Decisions that involve the future of communities and the environment should not be settled based on the results of cost-benefit analyses that collapse all values into a single ratio.

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