

PRIVATE FUEL STORAGE FACILITY
SAFETY ANALYSIS REPORT

SAR CHAPTER 8

REVISION 7

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ingestion of 63 kg of beef, and ingestion of 36.5 g soil. The resulting TEDE for the accident case was 2.70 mrem/yr at 500 meters downwind. This dose is a small fraction of the inhalation plus submersion doses identified above, and well below the 5 rem TEDE accident limit imposed by 10 CFR 72.106(b). The dominant exposure pathway was determined to be external exposure to contaminated land and the radionuclide with the largest contribution to the dose was Co-60.

8.2.7.4 Recovery Plan for a Hypothetical Canister Breach

This section has been removed in accordance with the NRC's Interim Staff Guidance-3 (ISG-3, Reference 38), which indicates that recovery from non-mechanistic failures of the confinement boundary by such means as over-packs or dry transfer systems would not be considered and evaluated in the licensing process.

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REGULATORY SECRETARIAT

ADJUDICATIONS STAFF

NUCLEAR REGULATORY COMMISSION

Docket No. 72-22 Official Exh. No. I

In the matter of _____

Staff _____ IDENTIFIED X

Applicant X RECEIVED X

Intervenor _____ REJECTED _____

Other _____ WITHDRAWN _____

DATE 21 June 00 Witness Parkyn

Clerk Susetta M. Snider