

**OVERVIEW OF JUNE 14, 1996, MEETING WITH
DOE SAVANNAH RIVER STAFF**

- Met with Larry Ling and Tony Towns to discuss DOE plans for cleanup and closure of 51 HLW tanks.
- DOE planning to send letter to NRC (Paperiello) to seek concurrence with their technical basis for classification of residual tank waste as incidental.
- DOE letter to be sent by Dr. Mario Fiore, Manager, Savannah River Operations Office.
- Preliminary draft of basis for incidental waste classification provided at meeting. This basis is currently under review and any comments will be provided to DOE. (J. Davis, staff lead.)
- DOE basis for incidental waste classification derived from guidance provided in March 2, 1993, letter from Bernero to Jill Lytle, DOE, regarding the classification of Hanford tank wastes.
- NRC would regard the tank residual fraction as incidental if the waste:
 - (1) has been processed (or will be further processed) to remove key radionuclides to the maximum extent that is technically and economically practical;
 - (2) will be incorporated in a solid physical form at a concentration that does not exceed the applicable concentration limits for Class C low-level waste as set out in 10 CFR Part 61; and
 - (3) will be managed, pursuant to the Atomic Energy Act, so that safety requirements comparable to the performance objectives set out in 10 CFR Part 61 are satisfied.
- DOE recently had a vendor forum to solicit ideas from the industry on methods for removing residual wastes from the tanks (e.g., chemical cleaning, hydro-lasing, etc.).
- Occupational exposure estimates from tank cleanup activities very low.
- DOE appears committed to pursue all potential cleanup alternatives.
- Vitrification operations going well, as 19 canisters generated to date.
- 240,000 pound canister transporter also successfully used to place canisters in shielded storage.

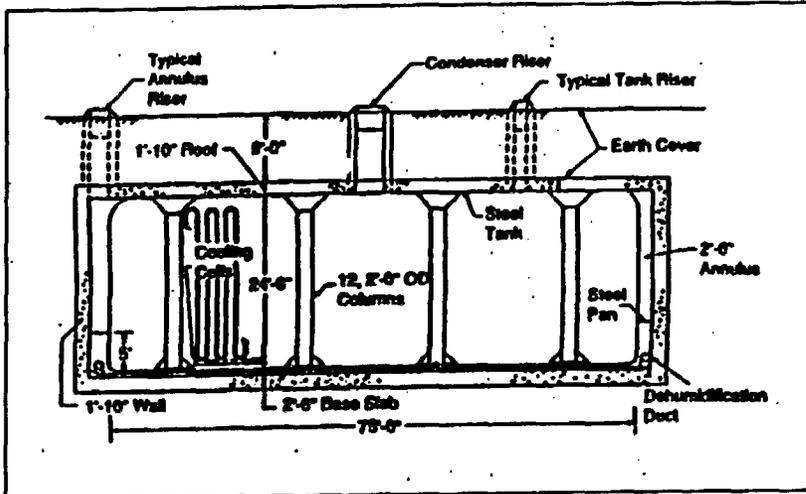


Figure 1.A. Cooled Waste Storage Tank, Type I (Original 750,000 Gallons)

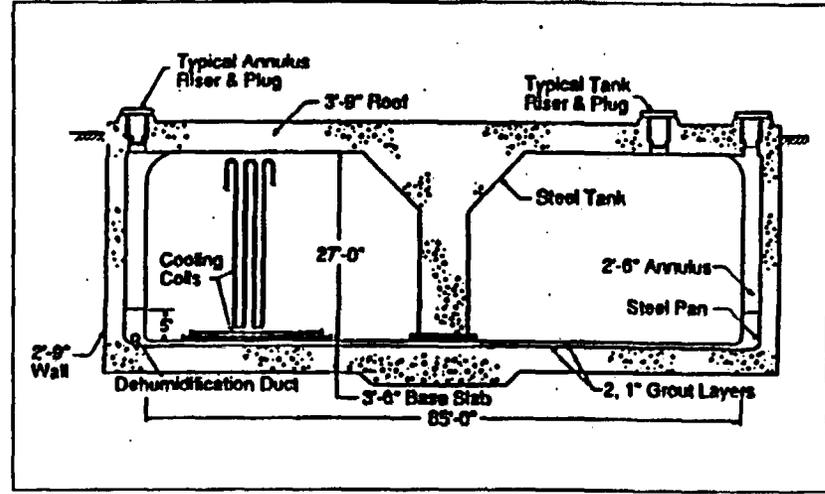


Figure 1.B. Cooled Waste Storage Tank, Type II (1,030,000 Gallons)

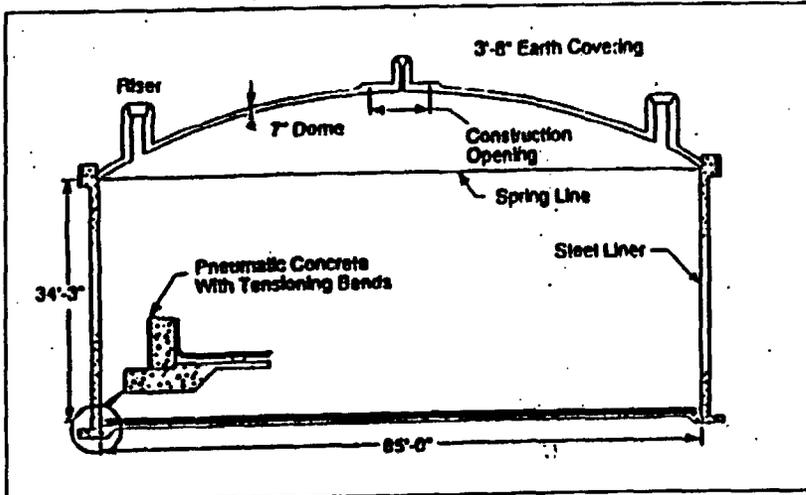


Figure 1.C. Uncooled Waste Storage Tank, Type IV (Prestressed Concrete Walls, 1,300,000 Gallons)

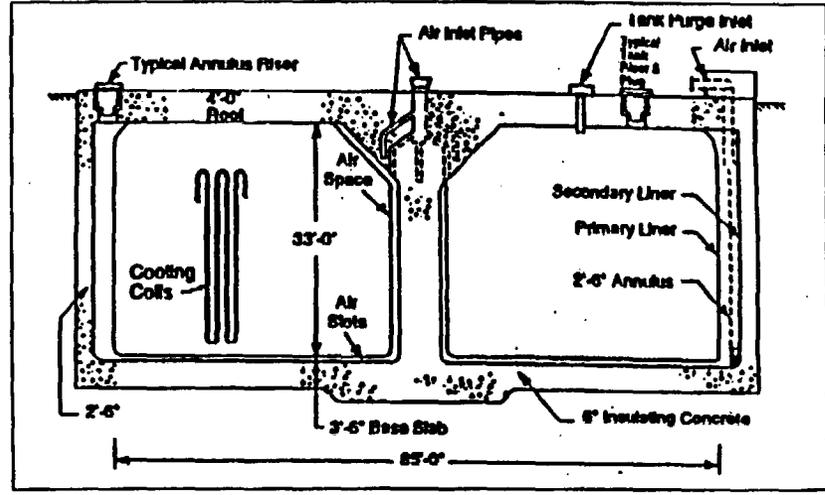


Figure 1.D. Cooled Waste Storage Tank, Type III (Stress Relieved Primary Liner, 1,300,000 Gallons)

Figure 1. Tank configurations.