

Recommendation 352  
Glass Waste Storage

**Background**

In the vitrification process, material from the tank farms is moved to the Defense Waste Processing Facility for chemical processing. That material is then changed into vitrified glass and placed into a secure canister. The canister is cleaned, welded shut with permanent plugs, and finally, transported to the glass waste storage facility. The Glass Waste Storage Building 1 (GWSB) is in the process of a double-stacking project, which will essentially allow the building to double the capacity of completed canisters.

Currently, to date, 4,155 canisters have been produced. Estimates show that the total canister production will be 8,170 canisters. Meaning, that space will be needed for approximately 1,306 canisters. This space will more than likely not need to be available until FY29. At this time, the site is brainstorming plans for additional space, including opening pad space in preparation for the canisters.

**Recommendations**

The Savannah River Site Citizens Advisory Board recommends that the Department of Energy:

1. Work with agencies and government entities to continue to advocate for a final repository for these canisters.
2. Continue to work on plans to accommodate the additional 1,306 canisters until a repository is established.
3. Continue to provide updates to the CAB on canister production and space.