



## HAB Consensus Advice #22

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*The Hanford Advisory Board submits the report, "Technical Team Review of Proposed New Double-Shell Tanks at Hanford" to the Tri-Parties. This report was prepared by Glenn Paulson, Ph.D.; Frank Parker, Ph.D.; and Michael Kavanaugh, Ph.D. The HAB adopted the following consensus advice recommendations from this report.*

### **Recommendations Based Upon the TECHNICAL TEAM REVIEW OF PROPOSED NEW DOUBLE-SHELL TANKS**

The Hanford Advisory Board urges DOE to evaluate, as a top TWRS priority, the possibility of a 102-SY clean-out to render this tank fully useable for storage and transfer.

As a second priority, the Board recommends the option of building a smaller transfer tank (or tanks) to move SST liquid waste if 102-SY cannot be cleaned out.

The Board accepts the current DOE view that no additional immediate action regarding tank construction be taken for 200 East Area.

The Board advises DOE to pursue and complete the fastest possible review and decision-making for the proposed new CSTS. Without pre-judging the final, broad-based decision on this new system. We believe the Technical Team's analysis justifies accelerated construction of the new CSTS.

The Board advises DOE to develop a contingency plan to address the possibility that the current CSTS will not be operable in the 1995-1998 time frame (or until the new CSTS is operable).

The Board advises DOE to prepare more quantitative risk analyses for each element of the system, and to make these analyses available to the interested and affected parties.

Finally, the Board urges DOE's top management to carefully evaluate the new waste volume projections, and just as important, monitor on a frequent, on-going basis, whether the predictions of the most recent projections are borne out in the months and years ahead, so that timely re-adjustments can be made to the operation of the entire Hanford waste storage complex.

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*For questions or comments, please send [email](mailto:Hanford_Advisory_Board@rl.gov) to Hanford\_Advisory\_Board@rl.gov*

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*Subject: Technical Team Review of Proposed New Double-Shell Tanks (Dollars & Sense Committee)*

*Adopted: May 4, 1995*