



U.S. Department of Energy
Office of River Protection

P.O. Box 450, MSIN H6-60
Richland, Washington 99352

0070710

August 29, 2006

06-TPD-061

Ms. Jane Hedges, Program Manager
Nuclear Waste Program
Washington State
Department of Ecology
3100 Port of Benton Blvd.
Richland, Washington 99354

RECEIVED
AUG 30 2006
EDMC

Dear Ms. Hedges:

RECOVERY PLAN TO COMPLETE WASTE RETRIEVAL FROM SINGLE-SHELL TANK
241-S-102, HANFORD FEDERAL FACILITY AND CONSENT ORDER (HFFACO)
MILESTONE M-45-05A

Reference: Ecology letter from J. J. Lyon to R. J. Schepens, ORP, "Letter 06-TOD-060 from R. Schepens, USDOE, to J. Hedges, Ecology, 'Completion of Interim Stabilization of Single-Shell Tank 241-S-102,' dated March 31, 2006," dated August 3, 2006.

In response to your request in the Reference for a recovery plan to complete HFFACO Milestone M-45-05A by March 31, 2007, please consider the U.S. Department of Energy, Office of River Protection (ORP) and its contractor, CH2M HILL Hanford Group, Inc., are currently evaluating new innovative technologies for possible deployment at Tank S-102 to complete Milestone M-45-05A. Testing of new technologies was initiated in July 2006 at the Cold Test Facility (CTF) and is expected to continue through September 2006. After completion of the testing, ORP will provide a recovery plan for Milestone M-45-05A to the Washington State Department of Ecology (Ecology) by November 1, 2006. Please note the recovery plan may project a completion date beyond March 31, 2007, which would require a change to the HFFACO to extend the milestone completion date.

In the Reference, Ecology also expressed concern regarding interim stabilization of S-102. Please note that after Tank S-102 was determined to be interim stabilized in December 2005, subsequent caustic and water additions performed in support of retrieval operations, on February 15, and April 20, 2006, resulted in a level increase of approximately 1.5 inches to the S-102 supernate liquid pool. If these additions had not occurred, the tank level would be about 1 inch, or approximately 500 gallons, below interim stabilization criteria.

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While conditions for interim stabilization in S-102 can be reestablished by removing the amount of water necessary to continue retrieval, we would prefer to continue our attempts to complete retrieval. ORP remains committed to completion of retrieval at S-102 and intends to keep you informed on our progress. You and your staff are invited to observe the testing at the CTF, and my staff is available to discuss the testing and our plans for retrieval at S-102.

If you have any questions, you may contact me, or your staff may contact Roger A. Quintero, Tank Farms Programs and Projects Division, (509) 373-0421.

Sincerely,



Roy J. Schepens, Manager
Office of River Protection

TPD:RAQ

~~Attachment~~ A.P.

cc w/~~attach.~~ A.P.

M. N. Jaraysi, CH2M HILL
R. E. Raymond, CH2M HILL
M. H. Sturges, CH2M HILL
S. Harris, CTUIR
J. J. Lyon, Ecology
C. L. Whalen, Ecology
T. C. Post, EPA
T. Martin, HAB
G. Bohnee, NPT
K. Niles, Oregon Energy
R. Jim, YN

Administrative Record: M-45-00

CH2M HILL Correspondence
Environmental Portal, LMSI