



U.S. Department of Energy
Office of River Protection

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

OCT 06 2004

04-TPD-095

Ms. Anna H. Bradford, Project Manager
Environmental and Performance Assessment Branch
Division of Waste Management
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, Maryland 20852

Dear Ms. Bradford:

**REQUEST FOR NUCLEAR REGULATORY COMMISSION (NRC) REVIEW OF BASIS
FOR EXCEPTION TO THE HANFORD FEDERAL FACILITY AGREEMENT AND
CONSENT ORDER RETRIEVAL CRITERIA FOR SINGLE-SHELL TANK (SST) 241-C-106**

Reference: ORP letter from R. J. Schepens to J. R. Strosnider, NRC, "Interagency Agreement Between the U.S. Department of Energy (DOE), Office of River Protection (ORP) and the Nuclear Regulatory Commission (NRC) for Management of Tank Waste at the Hanford Site," 04-TPD-085, dated August 20, 2004.

Attached for your review are four copies of the "Basis for Exception to the Hanford Federal Facility Agreement and Consent Order Retrieval Criteria for Single-Shell Tank 241-C-106" (RPP-20658, Revision 1). Also attached are four copies each of "Stage I Retrieval Data Report for Single-Shell Tank 241-C-106" (RPP-20110, Revision 2) and "Stage II Retrieval Data Report for Single-Shell Tank 241-C-106" (RPP-20577, Revision 0), which provide data in support of RPP-20658.

These documents provide the technical basis for the U.S. Department of Energy, Office of River Protection (ORP) determination that retrieval of Tank C-106 is complete based on the decision-making process and criteria presented to you on September 28, 2004. In accordance with the Reference (Attachment 2, Statement of Work, Section 2), ORP is seeking NRC technical review of its retrieval completion process and the analysis for determining radiological sufficiency of retrieval for Tank C-106.

Please note that ORP is currently developing other documents that will be provided for your review in the near future, including an SST waste retrieval process document and an SST system performance assessment. These documents are expected to be ready for NRC review in October 2004 and January 2005, respectively. Other supporting documents and information will be provided upon your request.

Ms. A. H. Bradford
04-TPD-095

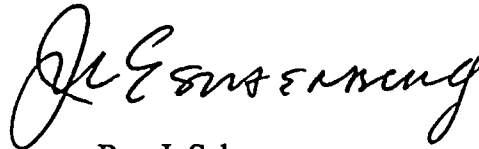
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In closing I would like to invite the NRC technical review staff to visit the Hanford Site in the near future to observe first-hand the SST retrieval facilities and operations, and to share information with our technical staff regarding the process and criteria used by ORP to determine SST retrieval is complete. I strongly believe such a visit would greatly assist you in performing your review.

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

Sincerely,



Roy J. Schepens
Manager

TPD:RAQ

Attachments:

1. RPP-20658, Revision 1, Basis for Exception to the Hanford Federal Facility Agreement and Consent Order Retrieval Criteria for Single-Shell Tank 241-C-106.
2. RPP-20110, Revision 2, Stage I Retrieval Data Report for Single-Shell Tank 241-C-106.
3. RPP-20577, Revision 0, Stage II Retrieval Data Report for Single-Shell Tank 241-C-106

cc w/o attachs:

S. L. Dahl-Crumpler, Ecology
J. J. Lyon, Ecology
M. N. Jarayssi, CH2M HILL
T. L. Sams, CH2M HILL
CH2M Correspondence Control