



U.S. Department of Energy

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~~Office of River Protection~~

P.O. Box 450
Richland, Washington 99352

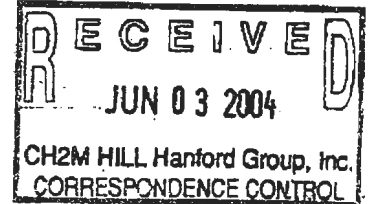
JUN 03 2004

04-TPD-059

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Mr. Michael A. Wilson, Program Manager
Nuclear Waste Program
State of Washington
Department of Ecology
3100 Port of Benton Blvd.
Richland, Washington 99352

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AUG 09 2004



EDMC

Dear Mr. Wilson:

REQUEST FOR EXCEPTION TO THE HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT ORDER (HFFACO) WASTE RETRIEVAL CRITERIA, RETRIEVAL DATA REPORTS FOR SINGLE-SHELL TANK (SST) 241-C-106; HFFACO MILESTONES M-45-00 AND M-45-05H, AND TARGET DATES M-45-05L-T01 AND M-45-05M-T01

This letter transmits information that satisfies requirements in the HFFACO milestone M-45-00 applicable to retrieval of waste from SST 241-C-106, completes target dates M-45-05L-T01 and M-45-05M-T01, and supports completion of milestone M-45-05H. The information provided includes documentation for completion of waste retrieval for SST 241-C-106, characterization data for the remaining residual waste, a risk assessment for the residual waste, and a request for exception to the M-45-00 retrieval criteria pursuant to HFFACO Appendix H.

In brief, the analysis and conclusions provided in the attached documents demonstrate that:

a) waste retrieval at C106 reached the limit of the waste retrieval technology deployed; b) the expected impacts, if the residual waste was left in place, will not exceed levels protective of human health and the environment; and c) deploying additional technology for further waste removal is not justified based on the technical merits of the available technologies, the minimal risk reduction potentially attained from additional retrieval, and the significant cost of deploying additional technology.

The attached information includes:

- RPP-20658, "Basis for Exception to the Hanford Federal Facility Agreement and Consent Order Waste Retrieval Criteria for Single-Shell Tank 241-C-106," Revision 0 (Attachment 1). 62149
- RPP-20110, "Stage I Retrieval Data Report for Single-Shell Tank 241-C-106," Revision 1 (Attachment 2).
- RPP-20577, "Stage II Retrieval Data Report for Single-Shell Tank 241-C-106," Revision 0 (Attachment 3).
- HFFACO Requirements Crosswalk for Retrieval of SST 241-C-106 (Attachment 4).

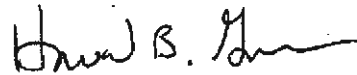
Mr. Michael A. Wilson
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If you have any questions, please contact me, or your staff may contact Roger A. Quintero, Tank Farms Programs and Projects Division, (509) 373-0421.

Sincerely,



for Roy J. Schepens
Manager

TPD: RAQ

Attachments (4)

cc w/o attaches:

J. J. Lyon, Ecology

M. N. Jaraysi, CH2M HILL

T. L. Sams, CH2M HILL

CH2M Correspondence Control