



U.S. Department of Energy Hanford Site

20-ECD-0016

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Dear Addressees:

U.S. DEPARTMENT OF ENERGY RESCINDS "REQUEST FOR WAIVER TO HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT ORDER WASTE RETRIEVAL CRITERIA FOR SINGLE-SHELL TANK 241-C-106," 18-ECD-0055 DATED AUGUST 15, 2018

- References:
1. ORP letter from R. G. Hastings to A. K. Smith, Ecology, and D. Einan, EPA, "Transmittal of 2019 Camera/Corrective Action Decision Modeling System Waste Volume Estimate for Tank 241-C-106, RPP-RPT-62021, REV. 00," 20-TF-0004, dated February 13, 2020.
 2. ORP letter from B. T. Vance to A. K. Smith, Ecology, and D. Einan, EPA, "Request for Waiver to Hanford Federal Facility Agreement and Consent Order Waste Retrieval Criteria for Single-Shell Tank 241-C-106," 18-ECD-0055, dated August 15, 2018.
 3. NRC letter from J. Tappert to B. T. Vance, ORP, "U.S. Nuclear Regulatory Commission Staff Response to the U.S. Department of Energy's Request to Close the U.S. Nuclear Regulatory Commission's Review of the Tank 241-C-106 Exception Request Under Appendix H of the Hanford Federal Facility Agreement and Consent Order," dated April 23, 2018.

4. ORP letter from S. J. Olinger to J. A. Hedges, Ecology, and N. Ceto, EPA, "Update to the Basis for Exception to the Hanford Federal Facility Agreement and Consent Order (HFFACO) Retrieval Criteria for Single-Shell Tank (SST) 241-C-106," 04-TPD-0019, dated April 18, 2008.
5. ORP letter from R. J. Schepens to N. Ceto EPA, "Request for Exception to Hanford Federal Facility Agreement and Consent Order (HFFACO) Waste Retrieval Criteria, Retrieval Data Reports for Single-Shell Tank (SST) 241-C-106," 04-TPD-094, dated October 6, 2004.
6. ORP letter from R. J. Schepens to A. H. Bradford, NRC, "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-C3-106," 04-TPD-095, dated October 6, 2004.
7. ORP letter from R. J. Schepens to M. A. Wilson, Ecology, "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-TO1 and M-45-05M-TO1," 04-TPD-059, dated June 3, 2004.
8. ORP letter from R. J. Schepens to M. A. Wilson, Ecology, "Completion of Tank 241-C-106 Waste Retrieval," 04-TPD-030, dated March 11, 2004.
9. ORP letter from R. J. Schepens to M. A. Wilson, Ecology, "Completion of Hanford Federal Facility Agreement and Consent Order (HFFACO) Target Date M-45-05L-TO1," 04-TPD-025, dated February 27, 2004.

The purpose of this letter is to rescind the "Request for Waiver to Hanford Federal Facility Agreement and Consent Order Waste Retrieval Criteria for Single-Shell Tank 241-C-106," 18-ECD-0055, dated August 15, 2018 (Reference 2), in which the U.S. Department of Energy (DOE), Office of River Protection requested a Tri-Party Agreement (TPA) Appendix H waiver from the TPA's 360 cubic foot retrieval goal for Tank 241-C-106 (C-106). DOE rescinds its request for a waiver because recent calculations confirming that the TPA Appendix H retrieval goal as defined in M-045-00 of 360 cubic feet has been met for C-106, since its residual waste volume is 316.66 cubic feet.

Per DOE letter from R. G. Hastings to A. K. Smith, Washington State Department of Ecology (Ecology), and D. Einan, U.S. Environment Protection Agency (EPA), "Transmittal of 2019 Camera/Corrective Action Decision Modeling System Waste Volume Estimate for Tank 241-C-106, RPP-RPT-62021, REV.00," 20-TF-0004, dated February 13, 2020 (Reference 1), a TPA Appendix H regulatory waiver is not needed for a tank whose residual waste volume does not exceed the 360 cubic foot retrieval goal. DOE calls your attention to M-045-00, which states, in part that if DOE believes that waste retrieval to the 360 cubic foot is not possible for a

tank, then DOE will submit a detailed explanation to EPA and Ecology explaining why these levels cannot be achieved. Although to date, DOE has not received a response to Reference 1, DOE believes that submitting this timely recession letter in addition to Reference 1 is necessary to comport with the milestone's requirement and is therefore in the best interest of the stakeholders.

DOE first submitted documentation of completion of C-106 waste retrieval activities in 2004, and, since then, DOE has also submitted updated revisions of that documentation. For your convenience, some of the applicable documents that confirm C-106 retrieval is complete are:

- RPP-20110, Revision 02, *Stage I Retrieval Data Report for Single-Shell Tank 241-C-106*, dated June 24, 2004.
- RPP-20577, Revision 01, *Stage II Retrieval Data Report for Single-Shell Tank 241-C-106*, dated May 31, 2007.
- RPP-RPT-62021, Revision 00, *2019 Camera/CAD Modeling System Waste Volume Estimate for Tank 241-C-106*, dated January 14, 2020.

Since a TPA Appendix H regulatory waiver from the volume goal is not needed for C-106 and since the C retrieval activities are complete, DOE rescinds its 2018 waiver request. DOE invites Ecology and EPA to join in DOE's ongoing commitment to focus on timely and efficient cleanup and tank farm closure. DOE expects this recession will alleviate the delay to those activities associated with Ecology's and EPA's review and consideration of the 2018 waiver request.

If you have any questions, please contact Glyn Trenchard, Assistant Manager, Technical and Regulatory Support, Office of River Protection, on (509) 373-4016.

Sincerely,

Brian T. Vance
Manager

TF:RAL

cc: J. J. Lyon, Ecology
Administrative Record
Environmental Portal