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**Department of Energy**  
Richland Operations Office  
P.O. Box 550  
Richland, Washington 99352

06-AMCP-0211

MAY 31 2006

Ms. Jane Hedges, Program Manager  
Nuclear Waste Program  
State of Washington  
Department of Ecology  
3100 Port of Benton Boulevard  
Richland, Washington 99352

**RECEIVED**  
JUN 08 2006

**EDMC**

Dear Ms. Hedges:

COMPLETION OF HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT ORDER (TRI-PARTY AGREEMENT) INTERIM MILESTONE M-015-43C, "SUBMIT 200-PW-2 OU FEASIBILITY STUDY AND PROPOSED PLAN/PROPOSED RCRA PERMIT MODIFICATION INCLUDING THE PAST PRACTICE WASTE SITES IN THE 200-PW-4 GENERAL PROCESS WASTE GROUP," DUE MAY 31, 2006

The purpose of this letter is to submit the Feasibility Study for the 200-PW-2 Uranium Rich Process Waste Group and the 200-PW-4 General Process Condensate Waste Group Operable Units, DOE/RL-2004-85, Draft A (Attachment 1), and the Proposed Plan for the 200-PW-2 Uranium Rich Process Waste Group and the 200-PW-4 General Process Condensate Waste Group Operable Units, DOE/RL-2004-86, Draft A (Attachment 2) for regulatory review by the State of Washington Department of Ecology (Ecology).

The Feasibility Study (FS) and Proposed Plan (PP) transmitted under this letter were prepared in accordance with the approved DOE/RL-2000-60, "Uranium-Rich/General Process Condensate and Process Waste Group Operable Units RI/FS Work Plan and RCRA TSD Unit Sampling Plan" (RI Work Plan). The RI Work Plan required characterization of 7 of the 38 operable unit (OU) waste sites that were considered to be representative of the remaining OU sites and included the 216-A-10 Crib, 216-A-36B Crib, 216-A-37-1 Trench, 216-A-19 Crib, 216-B-12 Crib, 207-A South Retention Basin, and 216-S-7 Crib. RI characterization included drilling and geophysical logging of boreholes, sampling of borehole soils, sampling of concrete basin material, and installation of drive points for geophysical logging and sampling. The FS and PP were prepared using RI characterization data and risk information as reported in DOE/RL-2004-25, "Remedial Investigation Report for the 200-PW-2 Uranium-Rich Process Waste Group and the 200-PW-4 General Process Condensate Group Operable Units. "

Recent investigation of the area south of the Plutonium-Uranium Extraction Plant using high-resolution resistivity methodology has identified a broad and deep vadose zone region of anomalous high conductivity that is believed to be associated with past liquid waste discharges. Such information could impact the remedial alternative assessment for some 200-PW-2/4 OU waste sites. However, because this information is preliminary and was not obtained as a portion

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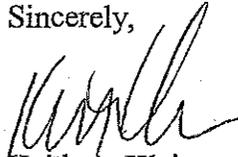
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of the 200-PW-2/4 OU RI/FS process, it is not included in the FS or PP. As more vadose conductivity data is collected and evaluated, refinement of the FS alternative assessment may be needed.

These document submittals complete Tri-Party Agreement interim milestone M-015-43C and are primary documents in accordance with Section 9.0, "Documentation and Records," of the Tri-Party Agreement Action Plan. Ecology has 45 days following receipt of the documents to either approve or return comments to the U.S. Department of Energy, Richland Operations Office. If you have any questions, please contact me, or your staff may contact Matt McCormick, Assistant Manager for the Central Plateau, on (509) 373-9971.

Sincerely,



Keith A. Klein  
Manager

AMCP:BLF

cc w/attach:

J. B. Price, Ecology  
Administrative Record  
Environmental Portal

cc w/o attach:

B. A. Austin, FHI  
D. Bartus, EPA  
M. W. Benecke, FHI  
G. Bohnie, NPT  
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