



Department of Energy  
Richland Operations Office  
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Richland, Washington 99352

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AUG 11 2014  
Department of Ecology  
4000 Broadway

14-AMRP-0245

AUG 11 2014

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

Dear Ms. Hedges:

TRANSMITTAL OF PROPOSED CLASS 2 RESOURCE CONSERVATION AND RECOVERY ACT PERMIT MODIFICATION AT THE HANFORD FACILITY LIQUID EFFLUENT RETENTION FACILITY AND 200 AREA EFFLUENT TREATMENT FACILITY (LERF/ETF) AND TEMPORARY AUTHORIZATION REQUEST

The U.S. Department of Energy Richland Operations Office (RL) as owner/operator and CH2M HILL Plateau Remediation Company (CHPRC) as the co-operator (hereinafter referred to as the Permittees) are proposing a Class 2 modification to unit specific addendum of the Liquid Effluent Retention Facility and 200 Area Effluent Treatment Facility (LERF/ETF) permit. The Permittees are requesting a Class 2 modification per WAC 173-303-830(4)(b) for LERF/ETF Addendum C, Process Information.

This modification request proposes to revise the approach to LERF liner repairs during operation. Recently, two small deficiencies were noted at the top of the basin liner in Basin 42, which is currently operating and receiving 242-A Evaporator waste. The liner vendor has been consulted and can repair the deficiency without requiring the draining of the basin. Therefore, the Permittees are requesting language changes in section C.5.2.4.1 of Addendum C, Process Information, to allow for repairs to occur without draining the basin. In addition, language is proposed to allow the vendor to select the most appropriate method to repair the liner. This change is classified as Class 2 permit modification request in WAC 173-303-830, Appendix I.A.4.b, "Changes in the frequency of or procedures for monitoring, reporting, sampling, or maintenance activities by the Permittees, Other Changes." A red-line strikeout of the proposed permit language is attached.

The Permittees are requesting a temporary authorization (TA) that meets the criteria of WAC 173-303-830(4) (e) (iii) (B) (III) to prevent disruption of ongoing waste management activities. A temporary authorization to implement the requested Class 2 modifications to the Permit will allow the repair to the LERF Basin 42 liner to occur and prevent disruption of receiving the 242-A Evaporator waste. A TA request that provides additional information and justification is attached to this permit modification request.

The notice required by the Permittees in WAC 173-303-830(4)(e)(ii)(C) will be included in the appropriate Hanford Federal Facility Agreement and Consent Order publication or list server, as described in Hanford Facility RCRA Permit Condition I.C.3.

Ms. J. A. Hedges  
14-AMRP-0245

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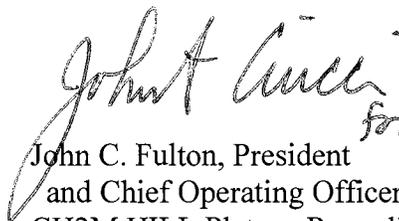
AUG 11 2014

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions, please contact us, or your staff may contact Ray Corey, Assistant Manager for the River and Plateau, on (509) 373-9971.



Doug S. Shoop, Acting Manager  
U.S. Department of Energy  
Richland Operations Office



John C. Fulton, President  
and Chief Operating Officer  
CH2M HILL Plateau Remediation Company

AMRP:MSC

Attachments

cc w/attachs:

D. B. Bartus, EPA  
G. Bohnee, NPT  
F. W. Bond, Ecology  
R. Buck, Wanapum  
S. L. Dahl-Crumpler, Ecology  
B. J. Dixon, CHPRC  
D. A. Faulk, EPA  
S. Harris, CTUIR  
S. Hudson, HAB  
R. Jim, YN  
S. K. Johansen, CHPRC  
E. T. McCarthy, CHPRC  
K. Niles, ODOE  
J. K. Perry, MSA  
D. Rowland, YN  
J. R. Seaver, CHPRC  
E. R. Skinnarland, Ecology  
Administrative Record, (LERF/ETF TSD: S-2-8)  
Ecology NWP Library  
Environmental Portal