



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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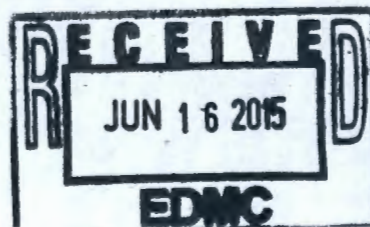
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June 15, 2015

15-NWP-105

Ms. Stacy Charboneau, Manager
Richland Operations Office
United States Department of Energy
PO Box 550, MSIN: A7-50
Richland, Washington 99352

Mr. Kevin Smith, Manager
Office of River Protection
United States Department of Energy
PO Box 450, MSIN: H6-60
Richland, Washington 99352



Re: Approval of Non-Routine Discharge of Wastewater from Plutonium Finishing Plant 291-Z Building into Treated Effluent Disposal Facility, State Waste Discharge Permit ST0004502

Reference: Letter 15-ECD-0030, dated June 9, 2015, from Kevin Smith, USDOE, to Stacy Nichols, Ecology, "US Department of Energy, Office of River Protection Submits the Following Request for Approval under State Waste Discharge Permit ST0004502 for a Non-Routine Discharge at Plutonium Finishing Plant and 291-Z Wastewaters"

Dear Ms. Charboneau and Mr. Smith:

The Department of Ecology (Ecology) has received your request to discharge non-routine wastewater to the Treated Effluent Disposal Facility (TEDF), under State Waste Discharge Permit ST0004502, Permit Condition S8. The proposed discharge would consist of steam condensate and non-contact cooling water from a steam turbine in the 291-Z Building at the Plutonium Finishing Plant (PFP). Approximately 70,000 gallons would be discharged to TEDF during the next 12 months, or until the demolition project at PFP is complete.

State Waste Discharge Permit ST0004502, Condition S8 requires the Permittee submit to Ecology information on the nature of the proposed non-routine discharge. The United States Department of Energy has fulfilled that requirement. Wastewater analysis of the proposed non-routine discharge has demonstrated its addition to the overall flow from PFP will not cause constituents to exceed TEDF permit limits. Therefore, Ecology is approving the discharge of non-routine wastewater under State Waste Discharge Permit ST0004502, Section S8.

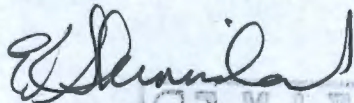
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Ms. Stacy Charboneau and Mr. Kevin Smith
June 15, 2015
Page 2

15-NWP-105

If you have any questions, please contact Stacy Nichols at stacy.nichols@ecy.wa.gov or (509) 372-7917.

Sincerely,



Ron Skinnarland
Manager, Waste Management Section
Nuclear Waste Program

cc electronic:

Dennis Faulk, EPA
Dennis Bowser, USDOE-ORP
Glenn Konzek, USDOE-RL
Lucinda Borneman, WRPS
Ken Niles, ODOE
Seana Mortensen, Ecology
Stephanie Schleif, Ecology
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WRPS Correspondence Control

cc:

Administrative Record
Rod Skeen, CTUIR
Gabriel Bohnee, NPT
Russell Jim, YN
Steve Hudson, HAB
NWP Central File: Water Discharge Permit ST0004502
NWP Central File: Plutonium Finishing Plant
NWP Reader File