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STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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March 30, 2017

17-NWP-035

Mr. Doug Shoop, Manager
Richland Operations Office
United States Department of Energy
PO Box 550 MSIN: H5-20
Richland, Washington 99352

Re: Request for Additional Permit Coverage under State Waste Discharge Permit
No. ST0004511 (ST4511) for Proposed Discharge in the 100D Area

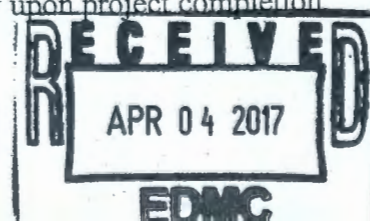
Reference: Letter 17-ESQ-0045 dated March 7, 2017, "Request for Additional Permit Coverage
under State Waste Discharge Permit No. ST4511 for Proposed Discharge in the
100D Area"

Dear Mr. Shoop:

The Department of Ecology (Ecology) received the United States Department of Energy
Richland Operations Office request for additional permit coverage for the 100 Area Cut and Cap
project (reference) on March 13, 2017, in accordance with Permit Condition S7.A.

Ecology reviewed the information provided in the request and approves the discharge with the
following conditions:

- Ecology will be notified upon beginning and completion of the discharges for this project.
- No more than 620,000 gallons of raw Columbia River water will be discharged to the ground.
- The planned discharge rate will not exceed 600 gallons per minute, and it will be monitored and recorded using a calibrated digital gauge.
- The discharge will remain in compliance with the administrative control to ensure no more than 4 feet of water, or 5.25 million gallons, will be present in the 182D Reservoir at any time.
- The total discharge volume will be reported to Ecology upon project completion.

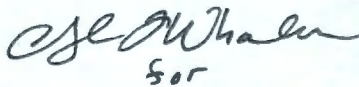


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All of the conditions stated above must be met for this request. This approval letter is only valid for discharge at the locations specified in Enclosure 2 of the request (reference) and is specific to the 100 Area Cut and Cap project. All discharges subject to ST4511 permit condition S7.A are required to meet the conditions for requesting authorization of additional permit coverage.

If you have any questions, please contact Katie Wilson, Unit Lead/Permit Writer, at katie.wilson@ecy.wa.gov or (509) 372-7885.

Sincerely,



Ron Skinnarland
Waste Management Section Manager
Nuclear Waste Program

cc electronic:

Dave Bartus, USEPA
Dennis Faulk, USEPA
Rana Evans, USDOE-ORP
Eric Faust, USDOE-RL
Mark Kamberg, MSA
Jon Kon, MSA
Jon Perry, MSA
Ken Niles, ODOE
Stephanie Schleif, Ecology
Ron Skinnarland, Ecology
Katie Wilson, Ecology
Environmental Portal
Hanford Facility Operating Record
USDOE-ORP Correspondence Control
USDOE-RL Correspondence Control

cc: Rodney Skeen, CTUIR
Gabriel Bohnee, NPT
Russell Jim, YN
Susan Leckband, HAB
Administrative Record
NWP Central File

