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**Department of Energy**  
Richland Operations Office  
P.O. Box 550  
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02-RCA-0102

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Department of Ecology  
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Addressees:

DOE/RL-2000-05, REVISION 1, RADIOACTIVE AIR EMISSIONS NOTICE OF CONSTRUCTION (NOC) FOR DEACTIVATION ACTIVITIES AT THE 324 BUILDING

Enclosed is a copy of the subject NOC application. This NOC application is being submitted to the U. S. Environmental Protection Agency (EPA), Region 10 and the Washington State Department of Health (DOH), Division of Radiation Protection for approval pursuant to Title 40, Code of Federal Regulations (CFR), Part 61.07, and Washington Administrative Code (WAC) 246-247-060. With the EPA's approval, this application will also provide initial start-up notification pursuant to 40 CFR 61.09 (a)(1).

For the activities described in this NOC, which entail deactivation activities at the 324 Building, the estimated unabated total effective dose equivalent (TEDE) to the hypothetical, maximally exposed individual (MEI) is less than  $8.2 \text{ E}+2$  millirem per year. The estimated abated TEDE to the MEI is less than  $4.2 \text{ E}-1$  millirem per year. This NOC revision completes the approval condition from WDOH (AIR 01-608) to incorporate the B-Cell Cleanout NOC into the 324 Deactivation NOC.

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Also enclosed is a Notification of Off-Permit Change to incorporate the NOC for potential radioactive air emissions from deactivation activities. This information is being provided to the State of Washington Department of Ecology consistent with their role as lead for the Hanford Site Air Operating Permit.

If you have any questions regarding this matter, please contact Ms. Astrid P. Larsen, of my staff, on (509) 372-0477.

Sincerely,



Joel Hebdon, Director  
Regulatory Compliance and Analysis Division

RCA:APL

Enclosures

cc w/encl:

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R. Jim, YN

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Environmental Portal, LMSI

Administrative Record