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AIR 03-701
NOC ID 563

STATE OF WASHINGTON

DEPARTMENT OF HEALTH
DIVISION OF RADIATION PROTECTION

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July 2, 2003

Mr. Joel B. Hebdon, Director
U. S. Department of Energy
Regulatory Compliance
and Analysis Division
P. O. Box 550 MSIN A 5-58
Richland, Washington 99352

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AUG 14 2003
EDMC

Dear Mr. Hebdon:

My staff has completed its review of DOE/RL-2002-72, Revision 1, Radioactive Air Emissions Notice of Construction for Transition of the 241-Z Liquid Waste Treatment Facility at the Plutonium Finishing Plant (PFP), 200 West Area, Hanford Site, Richland, Washington. Under WAC 246-247-060(1)(b), the department is notifying you that additional information is required. The following items were identified during the review and must be corrected prior to the departments completion of the review:

- ◆ Page 4, lines 18 thru 31. Discussion states that the material will be packaged, opened, inspected and prepared for shipment within the PTRAEU ventilated space. Page 10, lines 6 thru 21. Conflicting statements based on the above.
- ◆ Based on bullet one, Page 20, Table 2, Note b. The reduction factor cannot be credited to the unabated. The wrapping of the material (containment) could be applied as an administrative abatement control to reduce the Abated Onsite Public Dose.
- ◆ Page 20, Table 2, Unabated Public Dose column. The source term challenging the 296-Z-3 Stack also has the potential of challenging the PTRAEUs unless there is some type of physical barrier to isolate these emission routes. The Unabated column needs to reflect this. Abatements applied to the two emission units maybe credited in the Abated Onsite Public Dose column.



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My staff is available to discuss these concerns with you at your convenience and expedite the approval of this activity. All agreed on changes must be incorporated into the Notice of Construction Application and provided to Department of Health.

Please contact John Schmidt at (509) 377-3827 after July 11, 2003, to schedule a time to discuss both of the above items.

Sincerely,

for Roy B. Evans

Allen W. Conklin, Supervising Health Physicist
Air Emissions and Defense Waste Section
Division of Radiation Protection

AWC/JWS/jr

cc: Ron Boom, FH
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Fax: WDOH-Hanford, July 2, 2003