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AIR 93-811

STATE OF WASHINGTON  
DEPARTMENT OF HEALTH

Industrial Center, Bldg. 5 • Mail Stop LE-13 • Olympia, Washington 98504

Att # 239

August 31, 1993

Mr. James D. Bauer  
Office of Environmental Assurance,  
Permits and Policy  
Department of Energy  
Richland Field Office  
P.O.Box 550 MSIN A5-15  
Richland, Washington 99352



Dear Mr. Bauer:

Approval is granted for construction of the 200-East Area, 2025 E Effluent Treatment Facility (ETF), Project C-018, with conditions. In my letter of August 20, 1993, I stated that carbon filters must be installed as a condition for approval. This will be rescinded as long as condition number five is met. The following are the conditions implied:

1. The entire ventilation system must conform to industry standards for design, construction, procurement and operation; per American Society of Mechanical Engineers (ASME) N-509, N-510 and American National Standards Institute (ANSI) NQA-1.
2. The department has determined that this facility, per the Notice of Construction (NOC), exceeds 0.1 mrem/year potential to emit (without control devices) CEDE to the MEI. Therefore, the facility must conform to the EPA NESHAP'S (40 CFR 61, Subpart H) and its referenced requirements.
3. Operation of the facility is contingent upon department inspection at the completion of construction and pre-operational acceptance testing at the facility. Any corrective actions necessary to assure compliance with regulation and permit conditions must be assured before operation is allowed.

Mr. James D. Bauer  
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4. Stack monitoring is required for particulates, and gases (H-3, RU-106 and I-129).
5. Emission rates, either in curies/year or mrem/year, shall not exceed values proposed in reference NOC, on an annual basis, by radionuclide or in total.
6. The department reserves the right to require carbon filters be installed in the ventilation off-gas (VOG) system at a later time if evidence is received suggesting the need.

If you have any questions regarding this approval to construct, please contact Randy Acselrod of my staff at (206) 586-8950.

Sincerely,



Allen W. Conklin  
Air Emissions and Defense Waste Section  
Division of Radiation Protection

AWC/r

cc: Rick Poeton, EPA

XXXXXXXXXXXX  
XXXXXXXXXXXX



AIR 95-509

STATE OF WASHINGTON  
DEPARTMENT OF HEALTH  
DIVISION OF RADIATION PROTECTION  
Airdustrial Center, Bldg. 5 • P.O. Box 47827 • Olympia, Washington 98504-7827

*Aut # 230*

May 24, 1995

Mr. James E. Rasmussen, Acting Director  
Environmental Assurance,  
Permits and Policy Division  
U. S. Department of Energy  
Richland Operations Office  
P.O. Box 550 MSIN A 5-15  
Richland, Washington 99352

Dear Mr. Rasmussen:

The Department of Health grants approval for the modification of 2025E Effluent Treatment Facility dated May 11, 1995 and received in our office on May 17, 1995. Conditions one, three, five, and six from the original approval letter number AIR 93-811, dated August 31, 1993, will still apply to this facility.

If you have any further question, please do not hesitate to call me at (360) 586-0254 or Johanna Berkey of my staff at (360) 586-2996.

Sincerely,

Allen W. Conklin, Head  
Air Emissions and Defense Waste Section  
Division of Radiation Protection

AWC/JB/jr