



Department of Energy
 Richland Operations Office
 P.O. Box 550
 Richland, Washington 99352

JUL 11 2006

06-ESD-0130

Mr. A. W. Conklin, Supervisor
 Air Emissions and Defense Waste Section
 Washington State Department of Health
 P.O. Box 47827
 Olympia, Washington 98504-7827

Dr. O. S. Wang
 State of Washington
 Department of Ecology
 3100 Port of Benton Blvd.
 Richland, Washington 99354

RECEIVED
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EDMC

Dear Mr. Conklin and Dr. Wang:

TRANSMITTAL OF THE RADIOACTIVE AIR EMISSIONS NOTICE OF CONSTRUCTION: DOE/RL-2006-49, REVISION 0, RADIOACTIVE AIR EMISSIONS NOTICE OF CONSTRUCTION FOR SODIUM RESIDUALS REACTION/REMOVAL AND OTHER DEACTIVATION WORK ACTIVITIES AT THE FAST FLUX TEST FACILITY AND NOTIFICATION OF OFF-PERMIT CHANGE

The purpose of this letter is twofold. First, the letter transmits the enclosed *Radioactive Air Emissions Notice of Construction (NOC) for Sodium Residuals Reaction/Removal and Other Deactivation Work Activities at the Fast Flux Test Facility (FFTF)*, DOE/RL-2006-49, Rev. 0, to the State of Washington, Department of Health (WDOH). This NOC application is sent to WDOH for approval pursuant to Washington Administrative Code 246-247-060.

Second this letter transmits the enclosed *Notification of Off-Permit Change* to the State of Washington, Department of Ecology (Ecology), to incorporate the issued NOC for potential radioactive emissions, described in the NOC application, into the Hanford Air Operating Permit. RL provides this information to Ecology consistent with Ecology's role as lead for the Hanford Air Operating Permit.

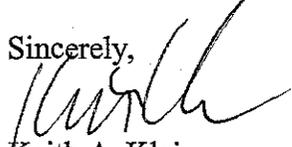
John Schmidt and Sarah Clark, WDOH, reviewed and commented on an initial draft of this NOC application in early May 2006, and later toured FFTF on May 25, 2006. John Schmidt commented on a second draft in June 2006. The NOC application version transmitted here incorporates responses to all of WDOH comments. RL appreciates WDOH's work with us in the conceptual phase to identify the most efficient ways to address the NOC requirements.

For the proposed activities described in the NOC, the total estimated unabated (and abated) effective dose equivalents to the offsite hypothetical, maximally-exposed individual is approximately 1.6E-04 millirem per year.

JUL 11 2006

If you have any questions, you may contact me, or your staff may contact Doug S. Shoop, Assistant Manager for Safety and Engineering, on (509) 376-0108.

Sincerely,


Keith A. Klein
Manager

ESD:MFJ

Enclosures:

1. Notice of Construction Application, DOE/RL-2006-49, Rev. 0.
2. Notification of Off-Permit Change.

cc w/encls:

Administrative Record (file: FFTF Radioactive Air Emissions)

J. A. Bates, FHI
S. L. Clark, WDOH
L. P. Diediker, FHI
R. H. Engelmann, FHI
L. L. Fritz, FHI
D. W. Hendrickson, Ecology
N. A. Homan, FHI
M. T. Jansky, FHI
J. J. Martell, WDOH, MSIN B1-42
K. A. Peterson, FHI
J. W. Schmidt, WDOH, MSIN B1-42
O. S. Wang, Ecology
D. Zhen, EPA Region 10, Seattle WA.

cc w/o encls:

Environmental Portal, A3-01, LMSI
J. M. (Matthew) Barnett, PNNL
G. Bohnee, NPT
W. W. Bowen, DFSH
M. E. Eby, FHI
N. Ceto, EPA
B. L. Curn, BNI
E. W. Fordham, WDOH, MSIN B1-42
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L. L. Penn, CH2M
D. L. Polzin, FHI
P. A. Weiher, JCI
J. G. Woolard, WCH
M. T. York, FHI

ENCLOSURE 1

RADIOACTIVE AIR EMISSIONS NOTICE OF CONSTRUCTION, DOE/RL-2006-49,
REVISION 0, *RADIOACTIVE AIR EMISSIONS NOTICE OF CONSTRUCTION FOR
SODIUM RESIDUALS REACTION/REMOVAL AND OTHER DEACTIVATION WORK
ACTIVITIES AT THE FAST FLUX TEST FACILITY*