

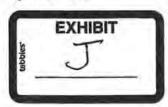
Risk Reduction & Environmental Stewardship Division Water Quality & Hydrology Group (RRES-WQH) PO Box 1663, MS K497 Los Alamos, New Mexico 87545

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Mr. Samual Coleman, P. E., Director Compliance Assurance and Enforcement Division (6-EN) U. S. Environmental Protection Agency, Region 6 1445 Ross Avenue Dallas, Texas 75202-2733

Date: Refer to:

November 27, 2002 RRES-WQH: 02-438



SUBJECT: NOTICE OF PLANNED CHANGES AT TA-50 RLWTF,

NPDES PERMIT NO. NM0028355

Dear Mr. Coleman:

The National Pollutant Discharge Elimination System (NPDES) Permit No. NM0028355 for Los Alamos National Laboratory requires the permittee to notify the U.S. Environmental Protection Agency (EPA) regarding any physical alterations or additions to the permitted facility that could significantly change the nature or the quantity of pollutants discharged. In accordance with Part III.D.1.a. Reporting Requirements of the Laboratory's NPDES Permit, the Laboratory is notifying EPA regarding the proposed installation of the influent tank farm and reverse osmosis (RO) pilot units at Technical Area 50, Radioactive Liquid Waste Treatment Facility (TA-50 RLWTF). These modifications to the TA-50 RLWTF will significantly increase storage capacity and should improve future water quality at NPDES Outfall 051. The following changes are shown on the enclosed schematic diagram:

- Proposed Influent Tanks and Pump House (dashed lines) are estimated to be installed and 1) operational in September, 2004; and,
- Brackish Water (BW) RO unit and Sea Water (SW) RO unit with associated Ultra Filter (dashed 2) lines) are currently being installed for a pilot study at the facility.

Please note that a Memcor Microfilter and Centrifugal Ultra Filtration (CUF) have previously been installed in order to improve operation and facilitate removal of reject and solids from the treatment process.

Please contact Mike Saladen of the Laboratory's Water Quality and Hydrology Group at (505) 665-6085 if additional information would be helpful.

Sincerely,

Water Quality & Hydrology Group

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SR:MS/tml

Enclosures: a/s

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IM-5, w/enc., MS A150

