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Permit

Los Alamos

NATIONAL LABORATORY

Environmental Information
Los Alamos, New Mexico 87545

*copy of Steve B this file
Reports*

Date: March 27, 1995
In Reply Refer To: ESH-18/WQ&H-95-0161
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*CC -> Peter Monahan
Harvey Decker
Bento Garcia*

*Copy made
4/26/95
JG*

Mr. Everett Spencer
Enforcement Section
U. S. Environmental Protection Agency, Region VI
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

TRITIUM WASTEWATER SURVEY AT LOS ALAMOS NATIONAL LABORATORY, NPDES PERMIT NO. NM0028355

Dear Mr. Spencer:

In accordance with our meeting on February 6, 1995, attached is a copy of the final report concerning the tritium wastewater survey conducted at the Los Alamos National Laboratory. A summary of the tritium study was provided to you and Mr. Fred Humke during our February meeting at EPA Region VI in Dallas, Texas.

The Laboratory's RAD & Industrial Waste Water Science Group (CST-13) conducted a survey of the TA-50 Industrial Wastewater Treatment facility's radioactive liquid waste (RLW) collection system in January and February 1995. The survey was conducted to identify any accelerator produced tritium wastewater being discharge into the TA-50 RLW collection system. Survey findings included two small discharges of potentially contaminated accelerator produced tritium wastewater from experimental laboratories located at TA-21. The laboratory has taken actions to eliminate these small discharges from the RLW collection system. To the best of our knowledge, all tritium discharges entering the TA-50 Industrial Wastewater Treatment Facility are derived from reactor produced waste. Please note, the Laboratory will collect tritium samples at the TA-50 facility's outfall (Outfall 051) and report the results to EPA for informational purposes.

Please call Alex Puglisi at (505) 667-4882 or me at (505) 665-6085 if you have any questions or need additional information.

Sincerely,
Mike Saladen
Mike Saladen
Water Quality & Hydrology Group