



Environmental Protection Division
P.O. Box 1663, Mail Stop J978
Los Alamos, New Mexico 87545
(505) 667-2211/FAX: (505) 665-8858

Date: May 6, 2008
Refer To: ENV-DO-08-009

Ms. Sonia Hall
U.S. Environmental Protection Agency, Region 6
Compliance Assurance and Enforcement Division
Water Enforcement Branch (6EN-WC)
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

**SUBJECT: NOTICE OF PLANNED CHANGE AT NPDES OUTFALL 051,
NPDES PERMIT NO. NM0028355**

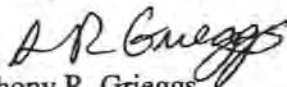
Dear Ms. Hall:

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 increase the quantity of pollutants discharged. In accordance with Part III.D.1.a. *Reporting Requirements* of the Laboratory's NPDES Permit, we are providing written notification that the Radioactive Liquid Waste Treatment Facility (RLWTF) will be modifying its treatment process by installing pilot-scale ion exchange equipment to polish waters that have been processed through all existing treatment steps. The additional treatment is a scale-up of tests conducted in the summer of 2007 to use effluent polishing as a means of addressing contaminants. Equipment will likely be operated with different ion exchange resins to monitor treatment effectiveness.

The ion exchange step should not generate secondary liquid wastes, but will generate solid wastes in the form of spent resins. Spent resins will be characterized and disposed of properly.

Please contact Marc Bailey of the Laboratory's Water Quality and RCRA Group (ENV-RCRA) at (505) 665-8135, if you have any questions.

Sincerely,


Anthony R. Grieggs
Group Leader
Water Quality & RCRA (ENV-RCRA) Group

Cy:

Isaac Chen, USEPA, Region VI, Dallas, TX
Marcy Leavitt, NMED/SWQB, Santa Fe, NM
Robert George, NMED/GWQB, Santa Fe, NM
Gene Turner, DOE/LASO, MS A316
Richard S. Watkins, ADESHQ, MS K491
Victoria George, ENV-DO, MS J978
Pete Worland, EWMO-RLW, MS E518
Steve Hanson, EWMO-RLW, MS E518
Chris Del Signore, EWMO-RLW, MS E518
Mike Saladen, ENV-RCRA, MS K490
Bob Beers, ENV-RCRA, MS K490
Marc Bailey, ENV-RCRA, MS K490
Bob Lechel, ENV-EAQ, MS J593
Phil Wardwell, LC-ESH, MS A187
ENV-DO File, MS J978
ENV-RCRA File, MS K490
IRM-RMMSO, MS A150