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PUBLIC NOTICE NUMBER 05-01

NEW MEXICO ENVIRONMENT DEPARTMENT
HAZARDOUS WASTE BUREAU
Santa Fe, New Mexico 87505
April 11, 2005

NOTICE OF AVAILABILITY
PROPOSED REVISION 9 OF THE SANDIA NATIONAL LABORATORIES
FEDERAL FACILITY COMPLIANCE ORDER SITE TREATMENT PLAN
COMPLIANCE PLAN VOLUME

The State of New Mexico is authorized to operate a hazardous waste management program in lieu of the Federal program for most provisions of the Resource Conservation and Recovery Act (RCRA). The Federal Facilities Compliance Act is coded in RCRA §6001. Under authority of the New Mexico Hazardous Waste Act (Section 74-4-1 NMSA 1978 (CUM. SUPP.)) and the New Mexico Hazardous Waste Management Regulations (20.4.1 NMAC), the New Mexico Environment Department (NMED) may issue Federal Facility Compliance Orders to federal facilities located within New Mexico's borders.

On October 4, 1995, the NMED issued a Federal Facility Compliance Order (FFCO) to the United States Department of Energy (DOE) and Sandia Corporation. The DOE and Sandia Corporation are co-operators of Sandia National Laboratories (SNL). The FFCO requires a Site Treatment Plan (STP) Compliance Plan Volume (CPV) for the treatment and disposal of mixed waste at SNL. The DOE/Sandia Corporation must comply with the New Mexico Hazardous Waste Act, NMSA 1978, §§74-4-1 (1998 CUM. SUPP.) and section 3012(b) of RCRA, 42 U.S.C. §6939(c), as amended by the Federal Facility Compliance Act of 1992, Public Law 102-386, 106 Stat. 1505 (1992). Under Section X "Revisions" of the FFCO STP CPV, all proposed or required revisions shall be made available for public review and comment.

The DOE/Sandia Corporation have proposed Revision 9 to the FFCO STP CPV, which includes three fundamental requests (referred to as 9.a, 9.b, and 9.c). The first request (9.a) concerns the addition of a total of 26.6 cubic meters of newly discovered and/or covered waste to the inventory of Treatability Group-9 (TG-9) *Inorganic Debris with TCLP Metals*. The request includes the addition of 10.7 cubic meters of waste that is unlikely to be shipped for treatment and disposal within one year of storage. The second request (9.b) concerns the addition of

macroencapsulation as a treatment technology for TG-25 *Classified Items with TCLP Metals*, and also modifies existing compliance dates, and establishes new compliance dates for the treatment technologies *Deactivation followed by Stabilization* and *Sorting of Heterogeneous debris*. The last proposed revision (9.c) regards the establishment of new compliance dates for various TGs, including several which currently have no waste inventory. The establishment of new compliance dates for the latter TGs is being proposed because of the possibility that additional wastes may be added to the inventories for these TGs in the future as legacy waste and remediation wastes are characterized and sorted at SNL.

Macroencapsulation is a treatment process whereby hazardous wastes are immobilized by application of surface coating materials or by use of a jacket of inert inorganic materials. This treatment method will be used chiefly to treat hazardous debris in accordance with 20.4.1.800 NMAC incorporating 40 CFR 268.45, and to treat certain mixed wastes in accordance with a treatability variance granted by the NMED on June 3, 2004 which applies to certain less-than-debris-sized wastes assigned primarily to TG-21 *Sealed Sources with TCLP Metals* and TG-24 *Spark Gap Tubes with TCLP Metals*.

NMED may approve, approve with modifications, or disapprove the proposed revision or any part thereof. However, pending public input, NMED intends to approve the requested revision because its impact is small in terms of the total amount of mixed wastes to be managed at SNL under the FFCO during the next two years, and because it is important to establish new compliance dates for TGs where all current wastes inventories have been reduced to zero.

The administrative record includes proposed Revision 9, all earlier revisions, the FFCO, various deletion requests, and other FFCO-required documents. The proposed Revision 9 and the administrative record may be reviewed at NMED, Hazardous Waste Bureau, 2905 Rodeo Park Drive East, Building 1, Santa Fe, New Mexico, 87505-6303, between the hours of 8:00 a.m. and 5:00 p.m. for a period of thirty (30) days beginning April 11, 2005. The proposed Revision 9 may also be viewed at the Zimmerman Library at the University of New Mexico between the hours of 10:00 a.m. and 7:00 p.m., Monday through Saturday. The proposed Revision 9, this public notice and the interested citizen letter can also be reviewed at the NMED webpage: www.nmenv.state.nm.us/hwb/snlperm.html under Federal Facility Compliance Order. To obtain a copy of the administrative record or any part thereof please contact Mr. William P. Moats by calling (505) 284-5086.

Any person that wishes to comment on the proposed Revision 9 should submit written or electronic mail (e-mail) comments along with their name and address to:

John E. Kieling, Manager
Hazardous Waste Bureau
New Mexico Environment Department

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Comment may also be submitted via e-mail to:
hazardous_waste_comment@nmenv.state.nm.us
Reference: SNL STP Revision 9

Only comments received by 5:00 p.m., May 11, 2005 will be considered. All timely comments submitted will be considered in forming a final decision. NMED may modify the revision based on the comments received. NMED will notify each person who submitted written comment during the public comment period of the final decision.