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NEW MEXICO ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

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RON CURRY
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ENTERED

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

December 8, 2010

George J. Rael
Assistant Manager
Environmental Projects Office
U.S. Department of Energy
National Nuclear Security Administration
Los Alamos Site Office
3747 West Jemez Rd, MS A316

Michael J. Graham
Associate Director
Environmental Programs
Los Alamos National Security, L.L.C.
P.O. Box 1663, MS M991
Los Alamos, NM 87545

RE: APPROVAL
NO LONGER CONTAINED-IN DETERMINATION FOR PURGE WATER AND ASSOCIATED CONTACT WASTE FROM REGIONAL WELL R-25
LOS ALAMOS NATIONAL LABORATORY
EPA ID#NM0890010515
HWB-LANL-MISC-GW

Dear Messrs Rael and Graham:

The New Mexico Environment Department (NMED) has reviewed the United States Department of Energy (DOE) and the Los Alamos National Security, L.L.C.'s (collectively, the Permittees) *Request for "Contained-In" Determination For Purge Water and Associated Contact Waste From Regional Well R-25*, dated October 27, 2010 and referenced by ENV-RCRA-10-209 / LAUR 10-07243.

The Permittees provide a comparison of the maximum detected concentrations of potential F-listed organic compounds with the New Mexico Water Quality Control Commission (WQCC) groundwater standards, the Environmental Protection Agency (EPA) Safe Drinking Water Act Maximum Contaminant Levels (MCLs) and Land Disposal Restrictions Treatment Standards (LDRs). The analytical results for the purge water and associated contact waste indicate that low concentrations of butanone[2-] (MEK), carbon disulfide, tetrachloroethene, toluene, and

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trichloroethene, potentially F-listed constituents, are present in the media. The maximum concentrations of the above mentioned organic compounds present in the media are less than the WQCC, EPA MCLs, and LDRs. NMED determined that the maximum concentrations of the organic compounds present in the media are also less than EPA tap water standards.

The waste is not a characteristic hazardous waste as defined in 40 CRF 261.21 through 261.24. Based on the information provided, NMED has determined that purge water and associated contact waste derived from regional well R-25 do not need to be managed as a hazardous waste.

NMED hereby grants the Permittees' request that the purge water and associated contact waste be managed as non-hazardous waste. Should you have any questions or comments, please contact Michael Dale at (505) 661-2673.

Sincerely,

James P. Bearzi
Chief
Hazardous Waste Bureau

cc: J. Kieling, NMED HWB
D. Cobrain, NMED HWB
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File: '10 Reading and LANL No Longer Contained-In Approval R-25 purge water and contact waste