March 9, 2011

George J. Rael                                      Michael J. Graham
Assistant Manager                                  Associate Director Environmental Programs
National Nuclear Security Administration            P.O. Box 1663, MS M991
Los Alamos Site Office                              Los Alamos, NM 87545
3747 West Jemez Rd, MSA316                          
Los Alamos, NM 87544

RE:           APPROVAL WITH MODIFICATION
DRILLING WORK PLAN FOR PERCHED INTERMEDIATE WELL SCI-3
LOS ALAMOS NATIONAL LABORATORY
EPA ID#NM0890010515
HWB-LANL-MISC-GW

Dear Messrs. Rael and Graham:

The New Mexico Environment Department (NMED) is in receipt of the United States
Department of Energy (DOE) and Los Alamos National Security, L.L.C.’s (collectively,
the Permittees) document entitled Drilling Work Plan for Perched Intermediate Well SCI-

NMED has reviewed the Plan and hereby issues this Approval with the following
modification.

1. If perched groundwater in the Puye Formation is encountered, the Permittees must
attempt to obtain a static water level measurement for the upper perched zone of
saturation prior to advancing the boring to the targeted depth of deeper perched
saturation in the Cerros del Rio basalt. If a reliable water-level measurement is
obtained for the upper zone, then the measurement must be used in combination
with water-level data from TA-53i and SCI-1 to improve the depiction of the potentiometric surface and groundwater flow direction for the upper intermediate aquifer.

The Permittees must complete intermediate well SCI-3 by **July 31, 2011**, as proposed in the Plan.

Should you have any questions or comments, please contact Michael Dale at (505) 661-2673.

Sincerely,

[Signature]

James P. Bearzi  
Chief  
Hazardous Waste Bureau

cc: J. Kieling, NMED HWB  
D. Cobrain, NMED HWB  
N. Dhawan, NMED HWB  
J. Kulis, NMED HWB  
M. Dale, NMED HWB  
B. Olson, NMED GWQB  
T. Skibitski, NMED DOE OB  
S. Yanicak, NMED DOE OB, MS M894  
L. King, EPA 6PD-N  
M. Everett, EP-ET-DO, MS M992  
H. Shen, DOE LASO-EO, MS A316

File: Reading and LANL 2011 – Drilling Work Plan for SCI-3, LANL-MISC-GW