



**Department of Energy**  
Office of Civilian Radioactive Waste Management  
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QA: N/A  
Project No. WM-00011

NOV 30 2007

OVERNIGHT MAIL

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**TRANSMITTAL OF REQUEST FOR DATA SETS FROM ALCOVE 5 FIELD EXPERIMENT**

Reference: Ltr, Davis to Gil, dtd 8/29/07 (Request for Data Sets from Alcove 5)

In the referenced letter, the U.S. Nuclear Regulatory Commission (NRC) requested data sets collected at the Drift-Scale Heater Test experiment in Alcove 5 of the Exploratory Studies Facility tunnel at Yucca Mountain, Nevada. Enclosure 1 is a hard copy listing of all the data tracking numbers (DTN) for the data sets being transmitted and the associated electronic files. Enclosure 2 is a digital video disk (DVD) of the 17 data sets that were requested. Sixteen data sets contain temperatures that were collected from Multiple-Point Borehole Extensometer (MPBX) boreholes during the heat-up and cool-down phases of the Drift-Scale Heater Test (DSHT), and one data set (DTN:SN0207F3912298.037) contains the borehole/sensor coordinates and the displacements measured during the experiment. The DVD contains 157 MB, and can be made publicly available. Enclosure 3 is an explanation of the disposition of a recently closed condition report (CR 11041) regarding the 16 data sets.

There are no new regulatory commitments in this letter or its enclosures. If there are any questions concerning this letter, please direct them to Robert L. Fish at (702) 794-5444 or e-mail bob\_fish@ymp.gov, or Deborah L. Barr at (702) 794-1479 or e-mail deborah\_barr@ymp.gov.

April V. Gil, Acting Director  
Regulatory Authority Office

RAO:RLF-0174

Enclosures:

1. Hard copy - DTN List Addressing NRC Information Request of 08/29/07
2. DVD - NRC 08/29/07 Request for DTNs for the Drift-Scale Heater Test Experiment in Alcove 5
3. Condition Report (CR 11041) Reversed RTD Wiring in Drift Scale Test

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