



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

March 9, 2001

Mr. Kevin B. Holston  
Special Agent  
U.S. Department of Energy  
Office of Inspector General  
Room 8F-036  
1000 Independence Avenue, SE.  
Washington, D.C. 20585

SUBJECT: RESPONSE TO KEY TECHNICAL ISSUES REQUEST

Dear Mr. Holston:

At your request, I am enclosing copies of the following documents: (1) Key Technical Issues; (2) Ltr dtd 11/24/99 frm S. Brocoun to J. Greeves; (3) Summary Highlights of NRC/DOE Technical Exchange and Management Meeting on Repository Design and Thermal-Mechanical Effects dtd 2/6-8/01; (4) Mtg Summary of the 1/31/01 USNRC/USDOE Technical Exchange on Data Verification & Data/Software Qualification; (5) Summary Highlights of NRC/DOE Technical Exchange and Management Meeting on Evolution of the Near-Field Environment dtd 1/9-11/01; (6) Summary of the Resolution of the Key Technical Issue on Evolution of the Near-Field Environment; (7) Summary Highlights of NRC/DOE Technical Exchange and Management Meeting on Thermal Effects on Flow dtd 1/8-9/01; (8) Summary Highlights of NRC/DOE Technical Exchange and Management Meeting on Radionuclide Transport dtd 12/5-6/01; (9) Summary Highlights of NRC/DOE Technical Exchange and Management Meeting on Unsaturated and Saturated Flow Under Isothermal Conditions dtd 10/31 - 11/2/00; (10) Summary Highlights of NRC/DOE Technical Exchange and Management Meeting on Subissues Related to Criticality dtd 10/23-24/00; (11) Summary Highlights of NRC/DOE Technical Exchange and Management Meeting on Structural Deformation and Seismicity dtd 10/11-12/00; (12) Summary Highlights of NRC/DOE Technical Exchange and Management Meeting on Container Life and Source Term dtd 9/12-13/00; (13) Summary Highlights of NRC/DOE Technical Exchange and Management Meeting on Igneous Activity dtd 8/29-31/00; (14) Summary Highlights of NRC/DOE Technical Exchange and Management Meeting on Unsaturated and Saturated Flow Under Isothermal Conditions dtd 8/16-17/00; (15) DOE Action Plan for Net Infiltration Issues; and (16) NRC/DOE Technical Exchange on Yucca Mountain Pre-Licensing Issues dated 4/25-26/00.

If we can provide further assistance, please do not hesitate to contact us.

Sincerely, ^

C. William Reamer, Chief  
High-Level Waste Branch  
Division of Waste Management  
Office of Nuclear Materials Safety  
and Safeguards

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Enclosures: As stated