

**Department of Energy**  
Office of Civilian Radioactive Waste Management  
Office of Repository Development  
1551 Hillshire Drive  
Las Vegas, NV 89134-6321

QA: N/A  
Project No. WM-00011

DEC 28 2004

OVERNIGHT MAIL

**ATTN: Document Control Desk**  
Director, Division of High-Level Waste  
Repository Safety  
U.S. Nuclear Regulatory Commission  
11555 Rockville Pike  
Rockville, MD 20852-2738

TRANSMITTAL OF REFERENCE DOCUMENTS TO SUPPORT U.S. NUCLEAR  
REGULATORY COMMISSION (NRC) REVIEW OF KEY TECHNICAL ISSUE (KTI)  
AGREEMENTS

References: (1) Ltr, Schlueter to Ziegler, dtd 12/23/03 (Status of NRC Review of DOE KTI Agreement Responses and Information Needed)  
(2) Ltr, Ziegler to Director, Division of High-Level Waste Repository Safety (NRC), dtd 7/22/04 (Status of Documentation Supporting KTI Agreement Resolution)

Your letter of December 23, 2003 (reference 1), provided a list of documentation to the NRC staff needed to complete their review of six of the seven Technical Basis Documents and associated KTI agreement responses submitted by the U.S Department of Energy. Reference 2 provided the status of and projected availability of the supporting documentation requested by the NRC. At that time, two references were undergoing revision; the remainder of the documentation requested had been made available to the NRC.

This letter transmits the hard copies (enclosures 1 and 3) and the compact disk (CD) versions (enclosures 2 and 4) containing the remaining two documents listed in Reference 1 that have not been made available to the NRC. The CD files are in pdf format and can be made publicly available. The CD containing the EBS Radionuclide Transport Abstraction named ANL-WIS-PA-000001.pdf file is 13,969 KB, and dated 12/03/04. The CD containing the Drift-Scale Coupled Processes named MDL-NBS-HS-000015.pdf is 11,494 KB, and dated 12/03/04.

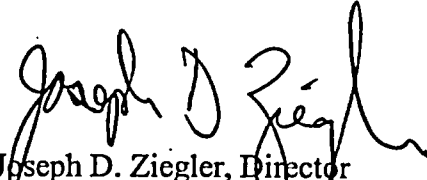
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There are no new regulatory commitments in the body or the enclosures to this letter. Please direct any questions concerning this letter and its enclosures to Timothy C. Gunter at (702) 794-1343 or e-mail [timothy\\_gunter@ymp.gov](mailto:timothy_gunter@ymp.gov), or Deborah L. Barr at (702) 794-1479 or e-mail [deborah\\_barr@ymp.gov](mailto:deborah_barr@ymp.gov).

  
Joseph D. Ziegler, Director  
Office of License Application & Strategy

OLA&S:AVG-0441

Enclosures:

1. Hard Copy of EBS Radionuclide Transport  
Abstraction (ANL-WIS-PA-000001),  
Rev. 01
2. CD of Enclosure 1
3. Hard Copy of Drift-Scale Coupled Processes  
(DST and TH Seepage) Models  
(MDL-NBS-HS-000015), Rev. 01
4. CD of Enclosure 3

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Repository Safety

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cc w/encls 1,2,3 & 4:

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cc w/encls 2 and 4:

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cc w/o encls:

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