



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

JUL 08 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 REFERENCES FOR KEY TECHNICAL ISSUE (KTI) AGREEMENT
PRECLOSURE SAFETY (PRE) 7.02**

Reference: Ltr, Ziegler to Chief, High-Level Waste Branch (NRC), dtd 12/10/03 (Transmittal of KTI Agreement PRE 7.02)

The referenced letter provided the U.S. Department of Energy (DOE) response to KTI Agreement PRE.7.02 to the U.S. Nuclear Regulatory Commission (NRC). After review of the DOE submittal, the NRC requested six references.

This letter transmits the following six references (enclosures 1-6) requested by NRC.

Enclosure 1: Waste Package Outer Barrier Stress Due to Thermal Expansion with Various Barrier Gap Sizes, CAL-EBS-ME-000011, Revision 00

Enclosure 2: Waste Package Axial Thermal Expansion Calculation, 000-00C-EBS0-00500-000-00A

Enclosure 3: 44-BWR Waste Package Tip-Over from an Elevated Surface, 000-00C-DSU0-01500-000-00B (Note: 000-00C-DSU0-01500-000-00A has been superseded by 000-00C-DSU0-01500-000-00B)

Enclosure 4: Structural Calculations of Waste Package Exposed to Vibratory Ground Motion, 000-00C-WIS0-01400-000-00A (Note: 000-00C-EBS0-00300-000-00B has been superseded by 000-00C-WIS0-01400-000-00A)

Enclosure 5: Residual Stress Analyses on the 21 PWR Mockup Waste Package Outer Shell Due to Quenching and General Corrosion Using a Sidewall Thickness of 20mm, TRW-06Q-319, Revision 1

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Enclosure 6: Drop of Waste Package on Emplacement Pallet - A Mesh Study,
000-00C-DSU0-02200-000-00A (Note: 000-00C-DSU0-01500-000-00A has been
renumbered to 000-00C-DSU0-02200-000-00A)

There are no new regulatory commitments in the body or the enclosures to this letter. Please
direct any questions concerning this transmittal to Joe C. Price at (702) 794-1441 or e-mail
joe_price@ymp.gov, or Kirk D. Lachman at (702) 794-5096 or e-mail kirk_lachman@ymp.gov.

OLA&S:JCP-1419

Enclosures:
As stated

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

JUL 08 2004

cc w/encls:

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cc w/o encls:

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