



**Department of Energy**  
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QA: N/A

**SEP 13 2002**

**OVERNIGHT MAIL**

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**TRANSMITTAL OF RISK INFORMATION TO SUPPORT PRIORITIZATION OF PERFORMANCE ASSESSMENT MODELS**

This letter transmits a report entitled *Risk Information to Support Prioritization of Performance Assessment Models*, TDR-WIS-PA-000009, Revision 01, ICN 01. This report provides risk information to support risk-informed, performance-based prioritization of performance assessment models to address model validation and the U.S. Nuclear Regulatory Commission Key Technical Issue (KTI) agreements.

The information provided in the report is of two types. First, the report summarizes the general understanding of waste isolation that has emerged from the Total System Performance Assessment (TSPA) analyses conducted to support the site suitability evaluation. This summary identifies the fundamental characteristics of the repository system that contribute to meeting the regulatory postclosure performance objectives. Second, TSPA sensitivity studies are used to confirm the general understanding of the waste isolation characteristics of the system and to provide quantitative estimates of the relative importance of these characteristics in meeting these objectives. These studies provide a risk-informed, performance-based perspective on the level of model validation and justification needed for the TSPA model components and the KTI agreements associated with the technical basis for these model components.

There are no regulatory commitments made in the body or enclosures of this letter. Please direct any questions concerning this letter and its enclosure to Timothy C. Gunter at (702) 794-1343 or Mark C. Tynan at (702) 794-5457.

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OL&RC:TCG-1759

Enclosure:  
Risk Information to Support Prioritization of  
Performance Assessment Models,  
TDR-WIS-PA-000009, Revision 01,  
ICN 01

*Dmssot  
WM-11*

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