

NUCLEAR REGULATORY COMMISSION
AVAILABILITY OF DRAFT TECHNICAL POSITION ON
TECTONIC MODELS IN THE ASSESSMENT OF PERFORMANCE OF HIGH-LEVEL
RADIOACTIVE WASTE REPOSITORIES

AGENCY: Nuclear Regulatory Commission.

ACTION: Notice of Availability.

SUMMARY: The Nuclear Regulatory Commission (NRC) is announcing the availability of the "Draft Technical Position on Tectonic Models in the Assessment of Performance of High-Level Radioactive Waste Repositories."

DATE: The comment period expires (insert the date 60 days after publication).

ADDRESSES: Send comments to Chief, Regulatory Publications Branch, Division of Freedom of Information and Publications Services, Office of Administration, U.S. Nuclear Regulatory Commission, Washington, DC 20555. Copies of this document may be obtained free of charge upon written request to Marlene Creviston, Repository Licensing and Quality Assurance Project Directorate, Division of High-Level Waste Management, U.S. Nuclear Regulatory Commission, Mail Stop 4-H-3, Washington, DC 20555, Telephone 1/800/368-5642, Ext. 20440.

FOR FURTHER INFORMATION CONTACT: Kenneth Kalman, Project Manager, Repository Licensing and Quality Assurance Project Directorate, Division of High-Level Waste Management, U.S. Nuclear Regulatory Commission, Washington, DC 20555, Telephone 301/492-0428.

SUPPLEMENTARY INFORMATION: This Technical Position on tectonic models is undertaken to document the Division of High-Level Waste Management (DHLWM) staff's position on the requirement for the support and implementation of tectonic model(s) in performance allocation and performance assessment. The need for this Position stems from the DHLWM staff's concern about the use of models in performance allocation and performance assessment. In the Consultation Draft Site Characterization Plan and the Site Characterization Plan the U.S. Department of Energy (DOE) has indicated that it intends to use models in the performance assessment process. As a result, DOE is required, under 10 CFR Part 60 (Sections 60.21 and 60.101) to provide thorough support of those models. The objectives of this Position are to outline the regulatory requirements for support of tectonic models, to discuss the implementation of the requirements, and to suggest the process for integrating tectonic models into data collection activities of the site characterization program. Adherence to this Technical Position will result in use of tectonic models that are acceptable to the DHLWM staff and will

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help to assure the adequacy of the information provided in support of the License Application.

Dated at Rockville, Maryland this 12th day of June 1989.

For the Nuclear Regulatory Commission.

A handwritten signature in cursive script, reading "John J. Linehan".

John J. Linehan, Director
Repository Licensing and Quality
Assurance Project Directorate
Division of High-Level Waste Management
Office of Nuclear Material Safety
and Safeguards