



Department of Energy

Washington, DC 20585

NOV 1 1993

Mr. Joseph J. Holonich, Director
Repository Licensing & Quality
Assurance Project Directorate
Division of High-Level
Waste Management
Office of Nuclear Material
Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Holonich:

Over the past ten years, the U.S. Nuclear Regulatory Commission (NRC) has issued various draft and final Staff Technical Positions (STP) related to the geologic disposal of spent nuclear fuel and high-level waste. The enclosed list contains all the STPs of which we are aware. We desire to confirm with NRC whether or not this list is accurate and current.

The following previously-issued draft STPs were not included in the "Selected NRC Products High-Level Waste Program" list dated July 12, 1993, and distributed by your office. Although we understand that this list may not be a comprehensive compilation, it would be extremely helpful if you could provide the U.S. Department of Energy (DOE) information regarding the status of the following draft STPs:

(DRAFT) Licensing Assessment Methodology for High-Level Waste Geologic Repositories (Generic Technical Position), July 1984

(DRAFT) Nevada Nuclear Waste Storage Investigations (Site Technical Position), September 1984

(DRAFT) Interpretations and Identifications of the Extent of the Disturbed Zone on the High-Level Waste Rule (10 CFR 60) (Generic Technical Position), June 1986

(DRAFT) Groundwater Travel Time (Generic Technical Position), July 1986

(DRAFT) Guidance for Determination of Anticipated Processes and Events and Unanticipated Processes and Events (Generic Technical Position), February 1988

030004

9311040054 931101
PDR WASTE
WM-11 PDR

102.6
WM-11
NH03

Your help in this matter will assist the DOE with its site characterization planning at Yucca Mountain, Nevada, especially in our efforts to scope the content of future topical reports.

If you have any questions, contact Chris Einberg of my staff at (202) 586-8869.

Sincerely,



Dwight E. Shelor *for*
Associate Director for
Systems and Compliance
Office of Civilian Radioactive
Waste Management

Enclosure:
List of NRC Staff STPs

cc: w/ enclosure
R. Dyer, YMPO
R. Loux, State of Nevada
W. Offutt, Nye County, NV
T. J. Hickey, Nevada Legislative Committee
D. Bechtel, Las Vegas, NV
Eureka County, NV
Lander County, Battle Mountain, NV
P. Niedzielski-Eichner, Nye County, NV
L. Bradshaw, Nye County
C. Schank, Churchill County, NV
F. Mariani, White Pine County, NV
V. Poe, Mineral County, NV
J. Pitts, Lincoln County, NV
J. Hayes, Esmeralda County, NV
B. Mettam, Inyo County, CA
C. Abrams, NRC

ENCLOSURE

List of NRC Staff Technical Positions Related to High-Level Waste

Title	Date
NUREG-0856, Final Technical Position on Documentation of Computer Codes for High-Level Waste Management [Generic Technical Position]	June 1983
Revised Modeling Strategy Document for HLW Performance Assessment [Generic Technical Position]	July 1984
* (DRAFT) Licensing Assessment Methodology for High-Level Waste Geologic Repositories [Generic Technical Position]	July 1984
* (DRAFT) Nevada Nuclear Waste Storage Investigations [Site Technical Position]	Sept 1984
Determination of Radionuclide Solubility in Groundwater for Assessment of High-Level Waste Isolation [Generic Technical Position]	Nov 1984
Waste Package Reliability Analysis for High-Level Nuclear Waste Repositories [Generic Technical Position]	Dec 1985
In Situ Testing During Site Characterization for High-Level Nuclear Waste Repositories [Generic Technical Position]	Dec 1985
Design Information Needs in Site Characterization Plans	Dec 1985
Borehole and Shaft Sealing of High-Level Nuclear Waste Repositories [Generic Technical Position]	Feb 1986
* (DRAFT) Interpretations and Identifications of the Extent of the Disturbed Zone on the High-Level Waste Rule (10 CFR 60) [Generic Technical Position]	June 1986
* (DRAFT) Groundwater Travel Time [Generic Technical Position]	July 1986
Determination of Radionuclide Sorption for High-level Nuclear Waste Repositories [Generic Technical Position]	Jan 1987
NUREG-1297, Peer Review for High-Level Nuclear Waste Repositories [Generic Technical Position]	Feb 1988
NUREG-1298, Qualification of Existing Data for High-Level Nuclear Waste Repositories [Generic Technical Position]	Feb 1988
* (DRAFT) Guidance for Determination of Anticipated Processes and Events and Unanticipated Processes and Events [Generic Technical Position]	Feb 1988

Title	Date
NUREG-1318, Technical Position on Items and Activities in the High-Level Waste Geologic Repository Program Subject to Quality Assurance Requirements	April 1988
(DRAFT) Tectonic Models in the Assessment of Performance of High Level Radioactive Waste Repositories	June 1989
NUREG-1373, Technical Position on Postclosure Seals, Barriers, and Drainage System in an Unsaturated Medium	August 1989
NUREG-1439, Final Staff Technical Position on Regulatory Considerations in the Design and Construction of the Exploratory Shaft Facility	July 1991
NUREG-1451, Staff Technical Position on Investigations to Identify Fault Displacement Hazards and Seismic Hazards at a Geologic Repository	July 1992
NUREG-1466, Staff Technical Position on Geologic Repository Operations Area Underground Facility -- Thermal Loads	December 1992
(DRAFT) Staff Technical Position of Consideration of Fault Displacement Hazards in Geologic Repository Design	March 1993

* not included in 7/12/93 NRC Products List