

FEB 19 1991

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Mr. Dwight E. Shelor, Acting Associate Director  
for Systems and Compliance  
Office of Civilian Radioactive Waste Management  
U. S. Department of Energy, RW 30  
Washington, D.C. 20585

Dear Mr. Shelor:

Enclosed for the information of DOE are five reports prepared for NRC by the U.S. Bureau of Mines, our former technical assistance contractor in natural resources-related matters. Enclosure 1 identifies the five reports, as well as five overlays which comprise part of one of the reports. Those overlays have been sent to you today under separate cover.

Also sent to you under separate cover are three historical (1904; 1907; 1936) mining maps covering the Yucca Mountain area. These maps were recently obtained by the NRC staff from the Library of Congress map collection. In addition, that transmittal includes a 1906 map of Nevada showing the "Quartz Mountain Camp" on the east flank of Yucca Mountain. These maps may prove of interest to DOE and others in developing the history of natural resources-related activity in the Yucca Mountain vicinity.

If you have any questions regarding the materials transmitted with this letter or the maps provided under separate cover, please contact King Stablein (FTS 492-0446) of my staff.

Sincerely,  
ORIGINAL SIGNED BY



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

Enclosure: As Stated

cc: R. Loux, State of Nevada

- (w/o enclosures)
- C. Gertz, DOE/NV
- S. Bradhurst, Nye County, NV
- M. Baughman, Lincoln County, NV
- D. Bechtel, Clark County, NV
- D. Weigel, GAO
- P. Niedzielski-Echner, Nye County, NV

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 NAME: King Stablein/d: J Linehan : : : :  
 Date: 02/19/91 : 02/19/91 : : : :

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YUCCA MOUNTAIN SITENATURAL RESOURCES TECHNICAL ASSISTANCE  
CONDUCTED BY THE  
U.S. BUREAU OF MINES  
FOR THE NRC

<u>Report Title</u>	<u>Date of Document</u>
<u>Document No. 1</u>	
Mines, Prospects, and Mineral Locations in Clark, Esmeralda, Lincoln, and Nye Counties, Nevada, Inyo County, California, and Portions of Mono and San Bernardino Counties, California	Feb 1989
 <u>NOTE:</u> The large overlay created as a part of this document is not amenable to reproduction and is therefore not included with this transmittal. It can be viewed at NRC Headquarters upon request.	
<u>Document No. 2</u>	
Review and Comments on Selected Statements Contained in the November 14, 1989 Letter of the Governor of Nevada to the Secretary of Energy that Bear on Human Interference from a Natural Resources Perspective	June 1990
<u>Document No. 3</u>	
Active Mines and Prospects within a Thirty-Mile Radius of the Proposed High-Level Repository Site at Yucca Mountain, Nye County, Nevada, Subsequent to January 1988 (As of July 1990)	Aug 1990
<u>Document No. 4</u>	
Simplified Geologic Map of Yucca Mountain in the Vicinity of the Perimeter Drift and Associated Map Overlays	Oct 1990

OVERLAYS:

1. Sample Locations in the Yucca Mountain Addition
2. Lineaments Drawn on an Enhanced SPOT Panchromatic Image of the Yucca Mt. Area
3. Locations of Existing DOE Surface-Based Field Activities
4. Locations of Proposed DOE Surface-Based Field Activities
5. Plan View of the Proposed Underground

Facilities

Report Title

Date of  
Document

Document No. 5

Possible Effects of Surface and Underground Mining  
Proximal to a Closed High-Level Radioactive Waste  
Repository at Yucca Mountain, Nye County, Nevada

Oct 1990