



Department of Energy

Washington, DC 20585

OCT 28 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

References: (1) Ltr, Dyer to Shelor, dtd 9/9/93
(2) Ltr, Dyer to Shelor, dtd 8/31/93
(3) Ltr, Shelor to Holonich, dtd 8/4/93

Dear Mr. Holonich:

As stated in the cover letter that transmitted the U.S. Department of Energy's (DOE) working paper, "Report on the Origin of Calcite-Silica Deposits at Trench 14 and Busted Butte and Methodologies to Determine their Origin," (Reference 1), a separate package containing references cited in it was to follow (enclosure). DOE has not attempted to separate references that may have been provided previously. Some overlap may exist with, for example, references provided with the Site Characterization Plan. DOE and the Yucca Mountain Site Characterization Project Office (YMPO) have complied with all laws pertaining to distribution of copyrighted material in this package. DOE is not responsible for subsequent distributions made by recipients of this material.

Included are two complete copies of all references for the U.S. Nuclear Regulatory Commission (NRC). A copy for the State of Nevada, and a copy for Nye County, Nevada have been transmitted to them. Other affected units of local government may acquire a copy of the enclosure by requesting it from the contact identified below.

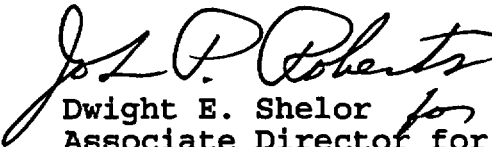
The data packages used by project scientists to develop the technical basis for the report are contained in the YMPO Technical Data Catalog. The latest quarterly update of the catalog was provided to you on August 4, 1993 (Reference 3). If you are interested in acquiring data packages, we ask that you use the same process as other Yucca Mountain Site Characterization Project participants in accessing this information. Identify each package you are interested in receiving by contacting, in writing, the YMPO Technical Data Manager identified below.

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If you have any questions, contact Chris Einberg of my staff at (202) 586-8869. Data packages should be requested through Ardyth M. Simmons, Technical Data Manager, at (702) 794-7998.

Sincerely,



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

Enclosure:

References Cited in Subject
Report (Not Record Material)

cc w/ enclosure:

R. Loux, State of Nevada
W. Offutt, Nye County, NV

cc w/o enclosure:

R. Dyer, YMPO
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

References cited in

**REPORT ON THE ORIGIN OF CALCITE-SILICA DEPOSITS AT
TRENCH 14 AND BUSTED BUTTE
AND METHODOLOGIES USED TO
DETERMINE THEIR ORIGIN**

Key:

- (1) Included in this transmittal.
- (2) Congressional Document.
- (3) An Appendix B or Appendix C document also referenced in the main text and previously identified as "Included in this transmittal."
- (4) Code of Federal Regulations.
- (5) Site Characterization Plan.

*References on file in the Division
of High-Level Waste*

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(The notation in parentheses following each entry indicates accession number. Notations starting with NN are Yucca Mountain Site Characterization Project Office numbers. These references may be obtained by contacting the U.S. Department of Energy, Yucca Mountain Site Characterization Project Office, P.O. 98608, Las Vegas, Nevada 89193-8608. Those starting with HQ may be obtained by contacting the Department of Energy, Office of Civilian Radioactive Waste Management, Forrestal Building, 1000 Independence Avenue SW, Washington, D.C. 20585.)

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* *The word "Topical" in the title of this report should be deleted. The title should read: "Origin of Carbonate Deposits in the Vicinity of Yucca Mountain, Nevada: Preliminary Results of Strontium-Isotope Analyses."*

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