

Department of Energy

Washington, DC 20585 APR 11 1994

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

Reference: Ltr, Holonich to Shelor, dtd 3/7/94

Dear Mr. Holonich:

Your letter of March 7, 1994, (reference), requested four items of information. Item 1 from the referenced letter is supplied in Enclosure 1. Only a hard copy of the data requested in Enclosure 1 is available from an original platform of 9 mm tape. The Yucca Mountain Site Characterization Office does not now possess the hardware to transpose a 9 mm tape onto a hard disc or floppy disc in any format.

Enclosure 2 provides the seismic hypocenter map in Item 2 of the referenced letter. Enclosure 3 is the publication list requested in Item 3 of the referenced letter. Enclosure 4 consists of extra copies of the Geographic Information System Catalog requested in Item 4 of the referenced letter.

Due to the size of Enclosure 1, copies are provided for the U.S. Nuclear Regulatory Commission, the State of Nevada, and Nye County, Nevada. If any affected units of local government desires a copy of Enclosure 1, please contact Thomas W. Bjerstedt at (702) 794-7590 of the Yucca Mountain Site Characterization Office.

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

Sincerely,

Dwight 'E. Shelor

Associate Director for Systems and Compliance

Office of Civilian Radioactive

Waste Management

940411 WASTE

PDR 🤌

Enclosures: (NOT RECORD MATERIAL)

Geodetic Data

Seismic Hypocenter Map

3. Seismicity Publication List

GIS Catalog

cc w/encls 1,2,3,4:

R. Loux, State of Nevada

W. Offutt, Nye County, NV

T. J. Hickey, Nevada Legislative Committee

on the shelf

cc w/encls 2,3,4:

R. Nelson, YMPO D. Bechtel, Las Vegas, NV

Eureka County, NV

Lander County, Battle Mountain, NV P. Niedzielski-Eichner, Nye County, NV

L. Bradshaw, Nye County, NV

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

1-354791

TO:

Tim Sullivan

THROUGH:

John Whitney

JWW

Section Chief, Tectonics

FROM:

Tracy Mendez-Vigo

Lead GSP QA Implementation Specialist

SUBJECT:

NRC Request dated 3-7-94

Following is a list of University of Nevada, Reno, and Yucca Mountain Project publications on seismicity and focal mechanisms from the Southern Great Basin Seismic Network for 1990 - current. It is my understanding that UNR is working on several reports, but have not published to date.

Gomberg, J.S., 1991, Seismicity and detection/location threshold in the Southern Great Basin Seismic Network: Journal of Geophysical research, v.96, no. B10, p. 16,401-16,414

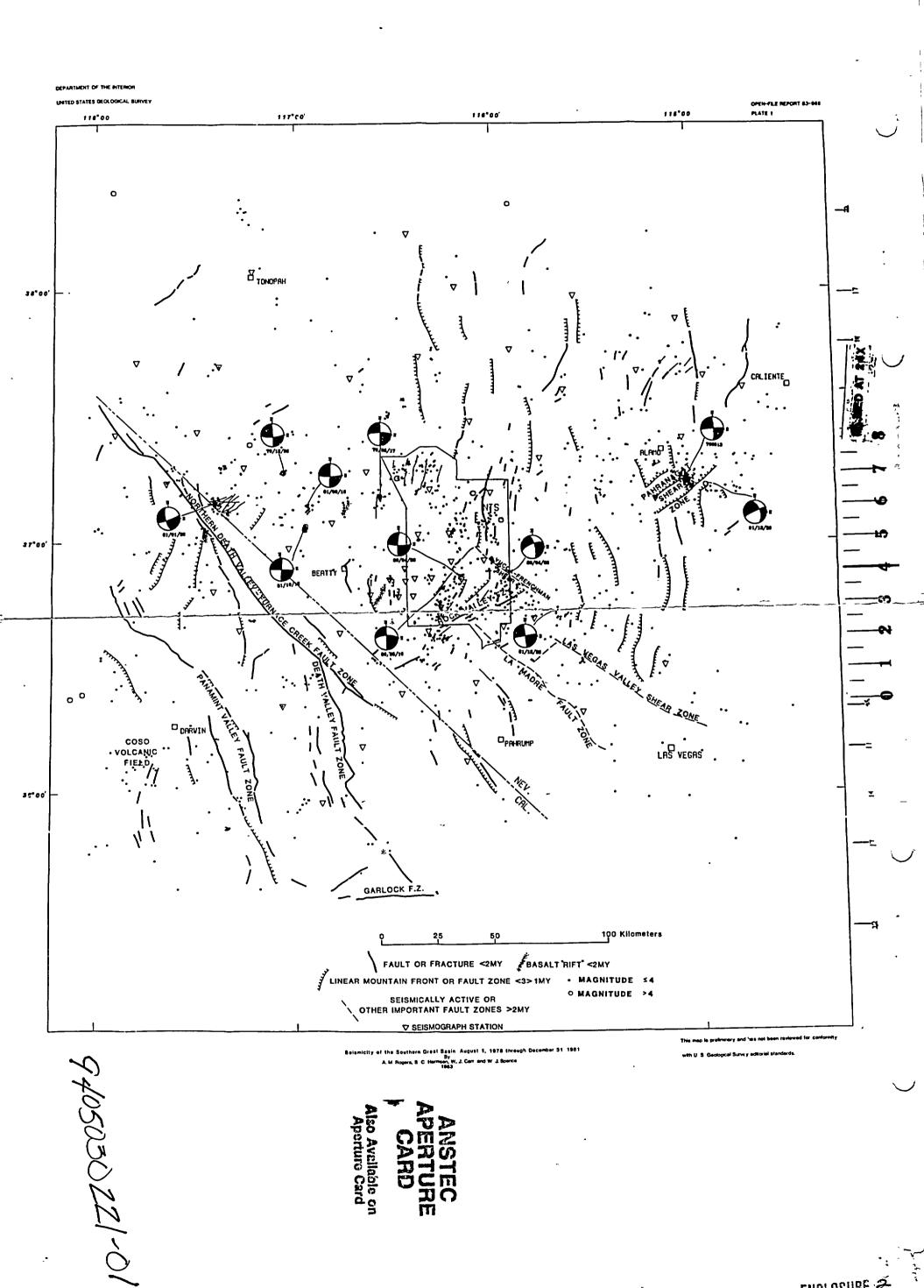
Gomberg, J.S., 1991, Seismicity and shear strain in the southern Great Basin of Nevada and California: Journal of Geophysical Research, v.96, no. B10, p. 16383 - 16,399

Harmsen, S.C., 1993, Preliminary seismicity and focal mechanisms for the Southern Great Basin of Nevada and California: January 1992 through September 1992, USGS Open File Report in print

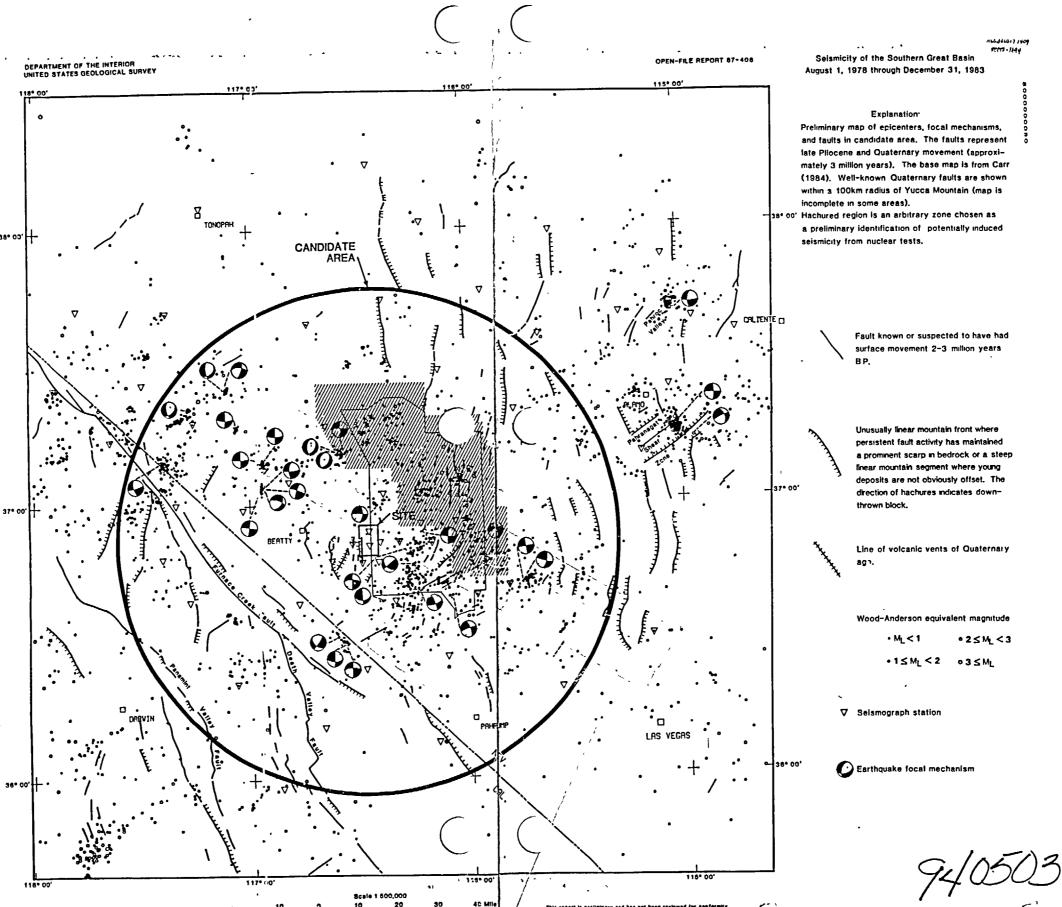
Harmsen, S.C., 1993, Seismicity and focal mechanisms for the Southern Great Basin of Nevada and California in 1991: U.S. Geological Survey Open File Report 92-340, 100 p.

Harmsen, S.C., 1992, Seismicity and focal mechanisms for the Southern Great Basin of Nevada and California in 1990: U.S. Geological Survey Open File Report 91-367, 103 p.

Anderson, J.G., 1992, Preliminary Report: The Little Skull Mountain Earthquake of June 29, 1992: Dynamic analysis and design considerations for high-level nuclear waste repositories, p. 162 - 175



ENCLOSURE 2



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