

March 24, 1988

Technical Direction #3

MEMORANDUM FOR: John L. Russell
Manager, Geologic Setting
Center for Nuclear Waste Regulatory Analyses

FROM: Philip S. Justus
Technical Review Branch
Division of High-Level Waste Management

SUBJECT: TECHNICAL DIRECTION #3. ATTEND GEOLOGICAL SOCIETY
OF AMERICA MEETING, SYMPOSIA AND FIELD TRIPS TO
YUCCA MOUNTAIN VICINITY MARCH 29 TO APRIL 3, 1988
AND PREPARE MEETING REPORT SUMMARY

This Technical Direction applies to Operations Plan for the Geologic Setting Program Element for Year 1; Task 2: Develop Technical and Analytical Capability; Subtask 2.1: Identify, Acquire, and Review Technical Documents and Attend Technical Meetings.

You are directed to attend the meeting of the Cordilleran Section of the Geological Society of America, March 29 to April 3, 1988. Meeting headquarters is in the Las Vegas Hilton, Las Vegas, NV. As we discussed, the trip is to include your attendance at technical sessions and symposia related to the geology, tectonics, geomorphology, hydrology, geochemistry and natural resources pertinent to the proposed Yucca Mountain high-level waste site. Further, you are to participate on field trips associated with the meeting as follows, or appropriate substitutes if necessary, Yucca Mountain Reconnaissance Flight and Geology of Nevada Test Site.

Concerning your proposed unstructured field excursions on the weekend of April 2 and 3 for which you have compiled guidebooks and other information with which to conduct a self-guided tour of geological features in vicinity of Yucca Mt...we will reimburse expenses only for room/board/transportation.

The purpose of attending the technical sessions, symposia and field trips is for you to gain a better understanding of the current site investigation methods, site conceptual and numerical models, computer codes and databases concerning the geoscience and geoen지니어ing attributes of the Yucca Mt. geologic setting, and to observe surface geological features of Yucca Mt. and vicinity. Concentrate on the opportunities to learn about the various conceptual and numerical tectonic, hydrologic and geochemical models and the supporting technical data for such

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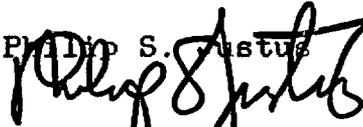
models that bear upon the characterization of the Yucca Mt. geologic setting.

The required Meeting Report Summary should summarize the various methods, models, codes, databases and surface geologic features that you observed or heard discussed. Attach pertinent references to items mentioned in your report; such references may include copies of abstracts of presentations, portions of field guidemaps and photographs taken in the field (such photographs must be fully labeled with at least one complete set on file at the Center, the PDR, the DCC and with the NRC Geologic Setting Manager). An acceptable report format is one similar to your trip report of 12/21/87. The Meeting Report Summary should take about one day to prepare and is due to the NRC GS PE Manager by COB April 15, 1988.

Please contact me (301-492-3460) if you have any questions on this Technical Direction.

The action taken by this Technical Direction is considered to be within the scope of the current contract NRC-02-88-005. No changes to cost or delivery of contracted services and products are authorized. Please notify me immediately if you believe that this Direction would result in changes to cost or delivery of contracted services or products.

Philip S. Justus


Philip S. Justus
Geologic Setting Program
Element Manager

