SUMMARY OF U.S. NUCLEAR REGULATORY COMMISSION (NRC)-
U.S. DEPARTMENT OF ENERGY (DOE) TECHNICAL EXCHANGE
ON THE STATUS OF DOE'S DATA MANAGEMENT PROGRAM
July 30, 1991
Las Vegas, Nevada

Agenda: See Attachment 1.

List of Attendees: See Attachment 2.

Summary:

On July 30, 1991, NRC and DOE conducted a technical exchange concerning the status of and plans for DOE's management and control of the technical data on the Yucca Mountain, Nevada proposed high-level waste repository site. The purpose of the technical exchange was for the NRC staff to understand what progress DOE has made with respect to implementation of its organization of data bases containing the scientific and engineering information about Yucca Mountain since the last NRC-DOE technical exchange on this topic January 9, 1990. A representative of the State of Nevada also attended this exchange.

DOE's presentations focused on (1) an overview of DOE's Technical Data Management system; (2) the status of the Automated Technical Data Tracking System and Project Data Catalog; (3) the implementation of technical data base initiatives; (4) the status of the Reference Data Base (RIB); and (5) the Geographic Information System (GIS), including a demonstration thereof. Of particular importance was DOE's discussion of the three controlled technical data bases--Scientific and Engineering Project Data Base (for point data), GIS (for spatial data), and Geologic and Engineering Materials Bibliography of Chemical Species (for geochemical and thermochemical data)--how these data bases relate to the information in the RIB, and how the information contained in all four data bases is to be used by DOE during site characterization.

This technical exchange provided particularly useful information about the mechanisms by which DOE will track its own data and by which NRC will be able to determine what data exists and how to go about obtaining those data from DOE. The Data Catalog, a key document in the process by which NRC can gain access to DOE data, is scheduled for completion in October 1991.

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