



# United States Department of the Interior

U. S. GEOLOGICAL SURVEY  
Box 25046 M.S. 421  
Denver Federal Center  
Denver, Colorado 80225

#13

IN REPLY REFER TO:

July 21, 1997

INFORMATION COPY

## MEMORANDUM

To: Robert Craig, Chief, Yucca Mountain Project Branch

Through: Zell Peterman, Acting Chief, Environmental Science Team, Earth Science Investigations Program, YMPB *ZCP*

Through: Gary Patterson, Hydrologist, Earth Science Investigations Program, YMPB *GP 7/22/97*

From: Thomas Oliver, Hydrologist, Earth Science Investigations Program, YMPB *Jo*

Subject: Release of Memo Report entitled "Hydrochemical Database for the Yucca Mountain Area, Nye County, Nevada".

§ 1.2.3.3.1.3.2 Jo 7/22/97

As agreed in PACS workscope for WBS 1.2.3.3.1.3.1<sup>A</sup> Summary Account OG33131FBF: WT Eh & pH Measurements. Level 4 Milestone SPH34BM4, is due July 31, 1997. This memorandum fulfills the criteria for that milestone by describing the synthesis of existing hydrochemical and isotopic analyses into an integrated database for ground-water samples from the Yucca Mountain area. NOTE: The interpretative data presented in figure 2 through figure 7 did not have a technical review nor Director's approval. The accompanying data package does not have a TDF associated with it and is not being tracked by the TPO.

If you require further information, please contact Thomas Oliver at 236-5050 ext. 257.

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