

AUG 15 1983

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MEMORANDUM FOR: Robert E. Browning, Acting Director, WM
THRU: Hubert J. Miller, Chief, WMHT
FROM: Robert J. Wright, PM, WMHT
Tilak R. Verma, PM, WMHT
Mark J. Logsdon, PM, WMHT
SUBJECT: MEETING WITH STAFF OF BRANCH OF HAZARDOUS WASTE
HYDROLOGY, WATER RESOURCES DIVISION, U.S.G.S.,
RESTON, VIRGINIA, AUGUST 3, 1983

On August 3, 1983, staff from the NRC Division of Waste Management met with staff from the U.S. Geological Survey's Branch of Hazardous Waste Hydrology at the Survey's offices in the National Center, Reston, Virginia. The Division of Waste Management was represented by Robert J. Wright, Tilak R. Verma, and Mark J. Logsdon. The U.S.G.S. participants were J. Robertson, G. Dinwiddie, P. Stevens, J. Rollo, N. Trask and R. Schneider of the Branch of Hazardous Waste Hydrology and J. Devine from the Director's office. The purposes of the meeting were to summarize the July 11-15, 1983 NRC/DOE workshop on hydrologic testing strategy, including Draft Site Technical Position 1.1 and the July 18, 1983 meeting in Tacoma, Washington between Tilak Verma (NRC) and Bill Meyer (U.S.G.S), and to discuss issues that may be raised in the forthcoming letter from the U.S.G.S. to DOE concerning the status and plans of the BWIP.

Verma gave a brief overview of the July, 1983 workshop, the Draft STP 1.1 on hydrologic testing strategy, and his July 18, 1983 meeting with Meyer of the U.S.G.S. Robertson and Dinwiddie have read the July 28, 1983 draft of STP 1.1. Both said that they are fundamentally in agreement with the approach to collecting hydraulic data to meet the requirements of 10 CFR 60.

The U.S.G.S. staff briefly described the major topics that may be addressed in the U.S.G.S. letter to DOE: 1) characterization of vertical discontinuities; 2) issues related to repository construction; 3) regional hydrologic modeling; 4) uses of hydrochemistry. The U.S.G.S. staff emphasized their perception that regional hydrologic modeling must be accomplished as the basis for detailed modeling of the zone from the repository to the accessible environment. These are the same areas that have been discussed in earlier interactions between U.S.G.S. and DOE with

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which WMHT is familiar (Letter of J.B. Robertson to L.E. Olson, May 23, 1983; USGS/DOE meeting of June 6-10, 1983). Both staffs agreed that a technical meeting between NRC, USGS and DOE may be appropriate after all parties have reviewed the letter from the USGS to DOE.

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Record Note:

1. Draft prepared by Logsdon and circulated for comment to R. J. Wright, T. R. Verma and H. J. Miller. All comments resolved.

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NAME	: MLogsdon:dm	: TVerma	: RJWright	: PSJustus	: HJMiller	:	:
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