

MAR 29 1988

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MEMORANDUM FOR: Ronald L. Ballard, Chief
Technical Review Branch
Division of High-Level Waste Management, NMSS

FROM: Philip S. Justus, Section Leader
Geology-Geophysics Section
Division of High-Level Waste Management, NMSS

SUBJECT: JAMES WARNER'S LETTER REPORT ON, "CAPABILITIES AND
LIMITATIONS OF BOREHOLE GEOPHYSICS IN FELSIC TUFFS
AND RELATED ROCKS AT YUCCA MOUNTAIN, NV"

During Mr. James Warner's last week at U.S. NRC he prepared a letter report on, "Capabilities and Limitations of Borehole Geophysics in Felsic Tuffs and related Rocks at Yucca Mountain, NV." His report is enclosed for your information.

This report is essentially an extended outline of what was to be a definitive report on the subject that Mr. Warner was tasked to develop. The definitive report is still needed for several reasons: 1) serve as a guide to both DOE and NRC staffs for planning and review of borehole geophysics measurements and results; 2) serve as a position on the subject that can be scrutinized by DOE and other interested parties and through discussion lead to mutual acceptance, rejection, or modifications of the use of borehole geophysical tools. Borehole geophysical methods are planned by both the State of Nevada and the DOE to aid in characterizing the Yucca Mountain Site.

I will report to you on plans to develop guidance on this subject in Mr. Warner's absence.

PS

Philip S. Justus, Section Leader
Geology-Geophysics Section
Division of High-Level Waste Management, NMSS

Enclosure:
As stated

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CONCURRENCES

ORGANIZATION/CONCUREE	INITIALS	DATE CONCURRED
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