NRC FORM 402 (3-81) U.S. NUCLEAR REGULATORY COMMISSION

TRIP REPORT

TO: Robert L. Johnson, Project Manager Repository Project Branch Division of Waste Management	FROM TRAVELER: John C. Voglewede BRANCH: Engineering Branch, WM
PLACE(S) VISITED A. Pacific Northwest Laboratory B. DOE Salt Repository Project Office and Office of Nuclear Waste Isolation	DATE(S) OF TRIP A. 8/12/86 - 8/13/86 B. 8/15/86

PERSON(S) CONTACTED

See attached list of attendees (A & B).

PURPOSE OF TRIP

A. Examination of Metal Barriers Testing Program and Waste Package Environmental Studies sponsored by the Salt Repository Project and conducted by Battelle Pacific Northwest Laboratory.

B. Examination of draft program documents and plans related to the salt repository waste package at the Salt Repository Project Office and Office of Nuclear Waste Isolation (Battelle Memorial Institute).

ACCOMPLISHMENTS

A. NRC and contractor staff reviewed test data, test procedures, testing approaches and methodologies, experimental techniques and test apparatus used in the Metal Barriers Testing Program. The Staff also reviewed experimental conditions as indicated by the Waste Package Environmental Program.

B. NRC and contractor staff reviewed draft documents related to waste package program planning and strategy. The Staff also reviewed several draft technical positions related to the salt waste package.

PROBLEMS ENCOUNTERED

None.

PENDING ACTIONS

One document (R.E. Westerman et al., Corrosion and Environmental-Mechanical Characterization of Iron-Base Nuclear Waste Package Structural Barrier Materials, PNL-5426, March 1986) was retained by the staff. In accordance with the Appendix 7 guidelines, a copy of that report is attached.

The NRC salt repository team was briefed upon completion of the visit.

RECOMMENDATIONS

A greater amount of time should be allocated to document review indicated in Part B of the trip above.

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PDR WASTE
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SIGNATURE - TRAVELER John C. Voglewede John C. Voglewede DATE 9/9/86

PNL-5426
UC-70

Annual Report – FY 1984

Corrosion and Environmental-Mechanical Characterization of Iron-Base Nuclear Waste Package Structural Barrier Materials

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March 1986

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Battelle

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