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Dr. Robert J. Wright
Senior Technical Advisor
High-Level Waste Technical
Development Branch
Division of Waste Management
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Dr. Wright:

BWIP HYDROLOGIC DATA

The following documents were provided to you and your consultants during the hydrologic data review sessions held at Richland the week of January 9, 1984:

- Basalt Operating Procedure, RHO-BWI-MA-4
- Deep Borehole Stratigraphic Correlation Charts and Structure Cross Sections, SD-BWI-DP-035
- Results and Evaluation of Experimental Vertical Hydraulic Conductivity Testing at Boreholes DC-4 and DC-5, SD-BWI-TI-136
- Preliminary Results of Hydrologic Testing the Umtanum Basalt Fracture Zone at Borehole RRL-2 (3,781 - 3,867 ft.), SD-BWI-TI-089
- Preliminary Results of Hydrologic Testing the Middle Sentinel Bluffs Vesicular Zone at Borehole RRL-2 (3,057 - 3,172 ft.), SD-BWI-TI-090
- Preliminary Results of Hydrologic Testing the Composite Middle Sentinel Bluffs Basalt Flow Bottom at Borehole RRL-2 (3,247 - 3,344 ft.), SD-BWI-TI-095.
- Preliminary Results of Hydrologic Testing the Middle Sentinel Bluffs Flow at Borehole RRL-2 (2,981 - 3,020 ft.), SD-BWI-TI-102
- Preliminary Results of Hydrologic Testing the Composite Umtanum Basalt Flow Top at Borehole RRL-2 (3,568 - 3,781 ft.), SD-BWI-TI-105

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- Preliminary Results of Hydrologic Testing the Umtanum Basalt Entablature at Borehole RRL-2 (3,762 - 3,805 ft.), SD-BWI-TI-107
- Preliminary Results of Hydraulic Testing the Middle Sentinel Bluffs Basalt Colonade/Entablature (3,175 - 3,244 ft.) at Borehole RRL-2, SD-BWI-TI-109
- Hydrologic Test Results for the Rattlesnake Ridge Interbed and Pomona Basalt Flow Top at Borehole DB-15, SD-BWI-TI-130
- Hydrologic Test Results for the Selah Interbed at Borehole DB-15, SD-BWI-TI-131
- Hydrologic Test Results of the Cold Creek Interbed and Asotin Basalt Flow Top at Borehole DB-15, SD-BWI-TI-142
- Results of Hydrologic Testing of the Cold Creek Interbed and Umatilla Basalt Flow Top at Borehole DC-15, SD-BWI-TI-150
- Drilling, Piezometer Design, and Testing Specifications for the DC-19, DC-20, and DC-22 Borehole Clusters and RRL-2B, SD-BWI-TC-016

The additional hydrologic data requested by your consultants will be forwarded in February 1984. If you have any questions covering this material, please contact A. G. Lassila of my staff, telephone FTS 444-6158.

Very truly yours,



O. L. Olson, Project Manager
Basalt Waste Isolation Project Office

BWI:AGL

cc: M. W. Frei, DOE-HQ