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Washington, DC 20555

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(Representative of Yakima
Indian Nation)
Hovis, Cockrill, Weaver & Bjur
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Yakima, WA 98907

Gentlemen:

HYDROLOGIC MODELING TASK FORCE MEETING

A meeting of the Hydrologic Modeling Task Force is scheduled for August 5, 1983. Representatives of the NRC, State of Washington, and Yakima Indian Nation are invited to attend the meeting.

In March 1982 the Basalt Waste Isolation Project (BWIP) organized the Hydrologic Modeling Task Force to address differences and concerns of various parties that have modeled groundwater flow in the basalts. Task Force participants include representatives of Rockwell Hanford Operations (Rockwell), Pacific Northwest Laboratories (PNL), U. S. Geological Survey (USGS), and Lawrence Berkeley Laboratories (LBL). A series of technical meetings have been held where conceptual differences have been clearly identified and methods of resolving such differences discussed. The Task Force has agreed to jointly develop an expanded Pasco Basin Model in an attempt to resolve some of the differences.

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Mr. Donald Provost
Mr. James B. Hovis

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A copy of the agenda for the meeting is attached. The format of the meetings is designed to promote informal technical exchanges between Task Force participants and to jointly review the results of the expanded Pasco Basin model runs.

The meeting will be held at PNL facilities and security badges are required for entry into the facilities. To arrange for badges, please contact A. G. Lassila of my staff at least two days prior to the meeting. Mr. Lassila can be reached at commercial number (509) 376-6158 or FTS 444-6158.

Very truly yours,



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

BWI:AGL

Attachment:
Agenda

BASALT WASTE ISOLATION PROJECT HYDROLOGIC TASK FORCE

August 5, 1983, Meeting

Blue Room, Research Technology Laboratory
Pacific Northwest Laboratory
Richland, Washington

SUGGESTED AGENDA

- 8:00 A.M. WELCOME - R. T. Wilde, Rockwell Hanford Operations
- 8:15 Summary of Further Revisions to the Expanded Pasco Basin Model Base Case
- Comparison of recharge calculation methods
 - Boundary condition heads along Saddle Mountains
 - Changes to reduce high heads along faults
 - Head boundary conditions along lower Grande Ronde layer
 - Vertical hydraulic conductivity of alluvial layer
 - Other
- 9:30 Model predicted head as result of further revisions
- 10:00 Presentation of head data and estimated ranges of uncertainty of such data
- 11:00 Results of model runs to match head data
- 12:00 - LUNCH -
- 1:00 P.M. Develop initial set of model sensitivity runs
- 3:30 Wrap up - Action Item Review