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Dr. O. L. Olson, Project Manager  
Basalt Waste Isolation Project Office  
Department of Energy  
Richland Operations Office  
P. O. Box 550  
Richland, WA 99352

Dear Dr. Olson:

Enclosed please find a copy of Nonisothermal Flow Modeling of the Hanford Site, by M. Gordon and M. Weber (March 1983). Dr. R. Baca had expressed an interest in obtaining this document during a conversation with M. Gordon at the recent ACRS meeting in Washington, DC. The report was written to demonstrate the application of tools developed for the NRC for simulation of post-closure, coupled groundwater flow and heat transport near a hypothetical repository. Also, the results of a preliminary sensitivity analysis of the hydraulic and hydrogeologic parameters at the Hanford site are presented. Please note that this report is not intended for external publication, nor does it necessarily represent the views of the Commission or the NRC staff.

If there are any questions concerning the enclosed material please do not hesitate to contact me.

Sincerely,

ORIGINAL SIGNED BY

Robert J. Wright  
High-Level Waste Technical  
Development Branch  
Division of Waste Management

Enclosure:  
As stated

WM Record File

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WM Project WM-10

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