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MEMORANDUM FOR: Paul Hildenbrand, Project Manager
Basalt Waste Isolation Project, WMRP
Division of Waste Management

FROM: Michael F. Weber, WMGT
Division of Waste Management

SUBJECT: NECESSARY REFERENCES FOR REVIEW OF HANFORD FINAL EA

In response to your request made at the BWIP team meeting on March 19, Neil Coleman and I have identified the following references as necessary for our review of hydrogeological aspects of the final EA(NWPA) for the Hanford Site. This note lists only the highest priority references, i.e. those references necessary for NRC review prior to FEA review. These include:

- B265 Clifton, P. M., 1986. "Groundwater Travel Time Analysis . . .," SD-BWI-TI-303.
- B276 Eslinger, P. W., and B. Sagar, 1986. "EPASTAT: A Computer Code for . . .," SD-BWI-TA-022.
- B63 Estey, S. A., and R. C. Arnett, 1986. "Groundwater Flow Modeling of Alternative Repository Concepts," SD-BWI-TA-015.
- B289 Kline, N. W., et al., 1986. "CHAI NT Computer Code: User's Guide," RHO-BW-CR-144 P.
- B122 Lindburg, J. W., 1986. "Width and Infilling of Fractures . . .," SD-BWI-TI-282.
- B131 Mitchell, S. J., 1986. "Evaluation of Damaged Rock Zone Around Repository Openings," computational brief.
- B385 Ruddiman, W. W., and A. McIntyre, 1976. "Northeast Atlantic Paleoclimatic . . .," in GSA Memoir 145.
- B170 Sandness, G. A., et al., 1979. "Interim Report on Geologic Remote Sensing . . .," PNL-3140.
- B76 Gephart, R. E., 1985. "An Overview of the Baseline Monitoring . . .," SD-BWI-TI-306.
- B113 Kunk, J. R., and T. D. Ault, 1982. "Hydrologic Barrier Geophysical

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Study, Yakima Barricade Area," Internal Letter 10110-AMT-82-015.

- B128 McGhan, V. L., et al., 1985. "Hanford Wells," PNL-5397.
- B172 Schatz, A. L., 1984. "Unconfined Aquifer and Rattlesnake Ridge . . .," H-2-38396 Rev. 18.
- B310 Sorooshian, S., et. al., 1985. "Prediction Model Variations, Water Level Correlations, . . .," letter report from U. of Arizona to RHO, June 15, 1985.
- B338 Fredenburg, E. A., and J. C. Sonnichsen, 1985. "Performance Assessment . . .," SD-BWI-ER-006.

In support of our review of the FEA, we urge you to obtain these references as soon as practical. In addition to this list, we have identified many other references that appear to be less important to our immediate review than those requested above. Consequently, we defer the request for these references until after DOE has provided NRC with the highest priority documents. Please contact me if you have any questions.

/s/
 Michael F. Weber
 Geotechnical Branch
 Division of Waste Management

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