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WM-10
By Telefax and Mail

MEMORANDUM FOR: David Squires, DOE, Richland

FROM: Robert J. Wright, NRC, Washington, DC

SUBJECT: REQUEST FOR CLARIFICATION OF BWIP SCR

Requestor: Alexander

Date: 1/27/83

1. What is the standard groundwater composition used in sorption and hydrothermal experiments for groundwaters within the Grande Ronde Basalt? There are apparent inconsistencies in data provided in: 1) Table 5-53 of the SCR; 2) Table II of Ames, L. L. et. al. "Sorption of Uranium and Cesium by Hanford Basalts and Associated Secondary Smectite," Chemical Geology, 35, pp. 205-225; and 3) Table 2 of RHO-BW-ST-38P.
2. Are data provided in Tables 6, 7, and 8 of RHO-BW-ST-38 P "Comparison of the Hydrothermal Stability of Simulated Spent Fuel and Borosilicate Glass in a Basaltic Environment," characteristic of groundwater at 300°C? If not, what are the proper values?

cc: R. Stein, DOE HQ

WM Record File
101.2

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