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WM-L0/RJW/82/12/07/0

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WM-10
By Telefax and Mail

MEMORANDUM FOR: David Squires, DOE, Richland

FROM: Robert J. Wright, NRC, Washington, D.C. /s/

SUBJECT: REQUEST FOR CLARIFICATION OF BWIP SCR

Requestor: Gordon

Date: 12/06/82

1. In the two-dimensional modeling of BWIP using PORFLO (Chapter 12, pages 12.4-28 through 12.4-52), what function is used to describe the repository heat source term as a function of time?
2. Is the dependence of groundwater viscosity on temperature incorporated into the PORFLO model, and if so, how is it accounted for?
3. Is the PORFLO code, which is used in the last performance assessment model described in Chapter 12, the same code as or an adaptation of PORFLOW (with the W) that was developed by ACRI of West Los Angeles, California? Where can we obtain documentation of PORFLO?

Requestor: Wright

Date: 12/07/82

1. What is the source of mineral values per square kilometer in Washington and New Mexico? Ref: SCR 3.9.4, page 3.9-6.

cc: R. Stein, DOE HQ

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