

WILLIAMS & ASSOCIATES, INC.

P.O. Box 48, Viola, Idaho 83872 (208) 883-0153 (208) 875-0147
Hydrogeology • Mineral Resources Waste Management • Geological Engineering • Mine Hydrology
WILLIAMS & ASSOCIATES, INC. CENTER

'86 APR 28 P3:31

April 10, 1986
Contract No NRC-02-85-008
Fin No. D-1020
Communication No. 48

Mr. Jeff Pohle
Division of Waste Management
Mail Stop 623-SS
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

WM-RES
WM Record File
D1020
W&A

WM Project 10/14/16
Docket No. _____
PDR _____
LPDR B,N,S

RE: BWIP

Distribution:

Pohle

Dear Jeff:

(Return to WM, 623-SS)

We have suggested that an attempt be made to conduct some elementary modeling of a vertical cross section at the BWIP site. This cross section would extend from borehole DC-20 perpendicular to the equipotential line determined from a three point analysis of heads among clusters DC-19, -20, and -22. We suggest that as part of site characterization it would be informative to attempt to model this cross section inversely at the BWIP site. Available data, especially the head data from clusters DC-19, -20, and -22, would be used to approximate a vertical hydraulic conductivity among basalt flow tops.

We recently discussed this proposal with Mr. Mike Weber. We submit the following as an estimate of the man hours and computer costs that we believe will be required for this effort.

Personnel	1 man-month
Drafting	2 man-days
Clerical	2 man-days
Computer costs	\$500

We believe that UNSAT2 and its preprocessor will be on line by May 1. However, we understand that the final EA's will be released April 20. Personnel availability, during the EA review process, for this modeling effort will be limited until at least June 1.

Please call if you have any questions regarding our proposal or this estimate of manpower requirements.

Sincerely,

Gerry Winter

Gerry V. Winter

8605080599 860410
PDR WMRES EECWILA
D-1020 PDR

GVW:s1

2999