

101.2/KW/84/09/21

SEP 27 1984

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

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J. GORRY

Dear Mr. Olson:

SUBJECT: ROCKWELL HANFORD OPERATIONS REPORT #SD-BWI-TI-177: "REPROCESSING  
AND INTERPRETATION SEISMIC REFLECTION DATA HANFORD SITE, PASCO  
BASIN, SOUTH CENTRAL WASHINGTON"

Enclosed is a request for information on the subject report. The enclosure  
details the content of the requested response.

Please let me know when we can expect to receive this material.

If you have any questions, please call Kristin Westbrook, FTS 427-4532.

Sincerely,

Robert J. Wright  
Senior Technical Advisor  
Repository Projects Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
and Safeguards

WM Record File

101.2

WM Project 10

Docket No.

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NAME :	R. Wright	H. Miller	:	:	:	:	:
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September 21, 1984

REQUEST FOR INFORMATION  
BASALT WASTE ISOLATION PROJECT

SUBJECT: ROCKWELL HANFORD OPERATIONS REPORT #SD-BWI-TI-177  
ON: REPROCESSING AND INTERPRETATION SEISMIC REFLECTION DATA

In this report numerous faults are interpreted in the RRL and immediately surrounding area. Reference to borehole data is made in the text to support fault interpretations.

Following are specific questions on what borehole data was used for fault interpretations. Responses should consist of complete statements on any and all use of tectonic breccias observed in core or other possible fault indicators based on core recovery or core losses, and any and all use of borehole geophysical logs.

SEISMIC LINE 8, Page 62 - The text states: "However, the seismic dips and borehole information support a horst block, especially on the west side at SP 155."

What borehole information from what intervals supports a horst block interpretation?

SEISMIC LINE 5, Page 64 - The text states: "In order to honor the borehole data and seismic character correlations, a fault was interpreted at SP 930."

What borehole data from what intervals support fault interpretation?

SEISMIC LINE 3, Page 66 - The text states: "In the area from SP-1660 west, a series of faults parallel to the N96 to N84 magnetic linear is strongly suspect and would help tie the seismic data to the borehole information."

What borehole information from what intervals supports series faulting?



Kristin Westbrook, Project Manager  
Geology-Geophysics Section  
Geotechnical Branch  
Division of Waste Management  
427-4532