



Department of Energy

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Mr. John L. Linehan, Acting Chief
Repository Projects Branch
Division of Waste Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

WM Record File
101.2

WM Project 10
Docket No.
PDR [check] Wb/lenel
LPDR [check] Wb/lenel

Distribution:
Linehan
Hildenbrand
(Return to WM, 623-SS)
Lefevre w/ data
Enclosures are graphs

Dear Mr. Linehan:

REQUEST FOR BASALT WASTE ISOLATION PROJECT GEOLOGICAL AND GEOPHYSICAL DATA

Reference is made to your letter dated March 27, 1986, requesting information to assist the NRC in the review of the forthcoming Site Characterization Plan. H. E. Lefevre of your staff, in particular, has a special interest in the following enclosed material:

- 1. Computer printout of the Basalt Waste Isolation Project seismic data
2. Borehole status map
3. Mylar copies of the Pasco Basin base map and gravity and magnetic data
4. Dynamic and static temperature logs from boreholes in the reference repository location

Questions pertaining to this material should be directed to A. G. Lassila (FTS 444-6158) of my staff.

Sincerely,

[Signature of O. L. Olson]

O. L. Olson, Director
Basalt Waste Isolation Division

BWI:AGL

Enclosures

cc: H. E. Lefevre, NRC

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PDR WASTE
WM-10 PDR

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Explanation of data submitted to Nuclear Regulatory Commission

All of the items listed below are from the working files and have not been reviewed for release.

1. BWIP digitally recorded seismic data with explanation and limitations, list of stations and location map.
2. Draft 1:100,000 borehole location map.
3. Computer generated mylar maps (1:62,500) of:
 - a) Base map - central Pasco Basin
 - b) Bouguer gravity map - central Pasco Basin
 - c) Ground magnetic data - RRL area
 - d) Total field (2500 ft. msl.) aeromagnetic map - central Pasco Basin.
4. Static and dynamic temperature data:
 - a) Static fluid temperature data from draft data package "Fluid Temperature Data from Selected Boreholes on the Hanford Site" (SD-BWI-DP-065)
 - b) Available dynamic fluid temperature logs in analog format.