



Department of Energy
 Richland Operations Office
 P.O. Box 550
 Richland, Washington 99352

MAR 22 1983

| | |
|----------------|--------|
| WM Record File | 101.2 |
| WM Dir. | |
| WM Dep. Dir. | |
| WMPI | WMML |
| WMHT RW | WMHL |
| WMUR | Others |

rec'd 3/25/83

Dr. Robert J. Wright
 Senior Technical Advisor
 High Level Waste Technical
 Development Branch
 Division of Waste Management
 U. S. Nuclear Regulatory Commission
 Washington, DC 20555

| | | | |
|------------------------|-------|------------|-------------------------------------|
| WM Record File | 101.2 | WM Project | WM-10 |
| | | Docket No. | |
| | | PDR | <input checked="" type="checkbox"/> |
| | | LPDR | <input checked="" type="checkbox"/> |
| Distribution: | | | |
| _____ | | | |
| _____ | | | |
| (Return to WM, 623-SS) | | | |

Dear Dr. Wright:

REQUEST FOR CLARIFICATION OF BWIP SCR (SCR-12)

As requested by your letter dated February 14, 1983, and discussed with you, T. Verma, M. Logsdon, NRC; J. LaRue, S. M. Baker, R. W. Bryce, Rockwell Basalt Project; and D. Squires of my staff, the following response is provided in answer to the question presented.

Request

For the following water sample analyses reported in the July 1982 BWIP Hydrology Workshop, please supply the requested information which is missing or illegible on our copies.

Response

The information requested is provided as follows:

| <u>Sample No.</u> | <u>Information Requested</u> | <u>Response</u> |
|-------------------|------------------------------|--------------------------------|
| 7903 | *Well No. | DB-14 |
| 7911 | *Well No. Interval | DC-5 Composite Grande Ronde |
| 7929 | *Well No. | Sulfur Springs |
| 7930 | *Well No. | DC-5 |
| 7933 | *Well No. | DB-15 |
| 7938 | *Well No. | DB-15 |

| <u>Sample No.</u> | <u>Information Requested</u> | <u>Response</u> |
|-------------------|------------------------------|--|
| 801 | Well No. Interval | DB-15 Frenchman Springs 481-506 m |
| 8087 | Well No. Interval | DC-15 Mabton 310-324 m |
| 80135 | Well No. Interval | DC-15 Frenchman Springs 451-459 m |
| 8158 | *Well No. Interval | Odessa Piezometer Grand Ronde 107-122 m |
| 8187 | *Well No. Interval | Odessa Piezometer Grande Ronde 179-188 m |
| 8195 | *Well No. Interval | Odessa Piezometer Frenchman Springs 86-91 m |

The Well Nos. with asterisks were not used in preparing the SCR. These data were not used because they may not be representative of groundwater conditions at the sampling locations due to:

- Poor anion-cation balances
- Elevated tritium content of samples indicating drilling fluid remaining in sample; and/or
- Samples being a composite of groundwater from several producing zones.

Regional hydrochemical data was not discussed in detail in the SCR and, as such, Odessa Piezometer and Sulfur Springs data was not included.

If you have questions covering this material, please call D. J. Squires of my staff.

Very truly yours,



O. L. Olson, Project Manager
Basalt Waste Isolation Project Office

BWI:DJS

cc: R. Stein, DOE-HQ