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~~3406.4.1/MG/85/08/29~~

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Dr. William Meyer
U.S. Geological Survey
1201 Pacific Avenue, Suite 600
Tacoma, Washington 98402

Dear Dr. Meyer:

As we have previously discussed, Neil Coleman, Mike Weber, and I will be visiting your office on September 9, 1985 for some informal discussion regarding the BWIP site. We look forward to the visit and hope that both of our agencies will find the interaction beneficial. I have identified a list (attached) of general topics, many of them overlapping, which we may want to touch on to the extent possible in the time we have available. The list is intended to serve as a general, flexible guide, and we would welcome discussion of any other topics that you might wish to suggest.

We intend to be in your office at 9:00 am on Monday, September 9. We will be staying at the Sheraton in Tacoma the night before should you need to contact us. We look forward to meeting you and your staff next week.

Sincerely,

Original Signed By

Matthew Gordon
Hydrology Section
Geotechnical Branch
Division of Waste Management

Enclosure:
As stated

WM Record File 101.2 WM Project 10
Docket No. _____
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POSSIBLE TOPICS FOR DISCUSSION
(items overlap)

- * USGS relationship to DOE program
- * Progress on regional modeling
- * Data available at USGS - overview
- * Proprietary data: What, why, how much?
- * USGS concerns with BWIP hydrology characterization program
- * USGS recommendations for siting & characterization
- * Long-term hydrologic trends in basin
- * Effects of waste disposal on heads
- * Baseline heads - schedule, contingencies
- * Structural controls - identification and evaluation
- * USGS comments on NRC letters forwarded previously
- * Role of geochemistry and hydrochemistry in hydrologic characterization
- * Interpretation of large-scale tests
- * Meaning of "ground-water travel time", "fastest likely path"
- * Tracer tests, in-situ tracers, effective porosity
- * Vertical K of basalt: methods of evaluation, adequacy
- * Fracture flow at BWIP
- * USGS suggestions for NRC
- * Future interactions between NRC & USGS - keeping lines of communication open

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