

see packet 3
for enclosure

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426.1/B-0287/DJB/84/08/27

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AUG 29 1984

Susan K. Whatley, Manager
Engineering Analysis and Planning
Chemical Technology Division
Oak Ridge National Laboratory
P.O. Box X
Oak Ridge, TN 37830

For enclosures see DJBrooks

Dear Ms. Whatley:

SUBJECT: CONTRACT NO. NRC-50-19-03-01/FIN B-0287, ORNL NO. 41-37-54-92-4,
"TECHNICAL ASSISTANCE IN GEOCHEMISTRY," JULY 1984 MONTHLY PROGRESS
REPORT.

I have reviewed the progress report for the month of July, 1984, for B-0287,
dated August 10, 1984. Based on my review of this report, I have the following
comments:

Task 1 - BWIP Geochemical Technical Assistance

- Progress to date is satisfactory.
- Letter report "Calculations of Radioelement Solubilities in Basalt Groundwaters" (Attachment 1) is for your information. If, after scanning this document, you consider that a technical review is needed, please discuss with me the schedule and anticipated level of effort required before starting work.
- ORNL comments were received on our draft technical position on "solubility." They will be considered and incorporated as appropriate into the final draft.
- ORNL comments were received on our draft technical position on geochemical issues at BWIP. They will be considered, and incorporated as appropriate into the final draft.

Task 2 - NNWSI Geochemical Technical Assistance

- Progress to date is satisfactory.
- ORNL comments were received on our draft technical position on geochemical issues at NTS/NNWSI. They will be considered, and incorporated as appropriate into the final draft.

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WM-RES
WM Record File
B-0287

WM Project 10, 11, 16
Docket No.

C :WMGT	:WMGT	:	:	:	ORNL	:	PDR ✓
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see ltr to
Wentley fm.

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Task 3- Salt Site Geochemical Technical Assistance

- ° Progress to date is satisfactory.
- ° ORNL comments were received on our draft technical position on geochemical issues at a salt site. They will be considered and incorporated as appropriate into the final draft.

Task 4- Short-term Technical Assistance

- ° Progress to date is satisfactory.
- ° Letter report "Calculations of Sensitivity..." (Attachment 2), needs ORNL review. Your comments are needed before the report goes final. Please scan the report and discuss with me the level of effort you consider will be needed.
- ° Letter report "An Application..." (Attachment 3) needs ORNL reviews. Your comments are needed before the report goes final. Please scan the report and discuss with me the level of effort you consider will be needed.

Task 5- Project Management

- ° Progress to date is satisfactory.

The action taken by this letter is considered to be within the scope of the current contract (NRC-50-19-03-01/FIN B-0287). No changes to costs or delivery of contracted products is authorized. Please notify me immediately if you believe this letter would result in changes to costs or delivery of contracted products.

David J. Brooks
Geochemistry Section
Geotechnical Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

Enclosures:
As Stated

FC :WMGT	JB	:WMGT	:	:	:	:	:
AME :DJBrooks;mt	:RJStalmer	:	:	:	:	:	:
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