

DEC 15 1982

WM - 10, 11, 16

3426.1/DJF/82/12/15/0

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WMHL: 3426.1
B-0289

PDR
LPDR BALS

Dr. Keith F. Eckerman
Oak Ridge National Laboratory
P. O. Box X
Oak Ridge, TN 37830

Dear Dr. Eckerman:

In your October monthly report you recommended initiation of Subtask 1.b. involving chemical species of radionuclides during transport in groundwater. The information presented in your October report is insufficient to allow us to reach a decision on initiation of this subtask. In your next monthly report, please include the following:

- 1) The results of Subtask 1.a. (see our SOW) which led you to conclude that Subtask 1.b. is a necessary prerequisite for completion of 1.a.,
- 2) an identification of the specific elements recommended for investigation under Subtask 1.b.,
- 3) a reconciliation of your recommendation to search for kinetics information with your statement that "for the most part, kinetics of these reactions are unknown," and
- 4) an evaluation of the differences between your proposed work and the work already contracted for under NRC FIN B-0287, "Technical Assistance in Geochemistry" at ORNL and FIN B-7057, "Natural Chemical Complexation of Actinides in Groundwater" at Columbia U.

I have no other comments on your October report.

The action taken by this letter is considered to be within the scope of the current contract FIN B-0289. No changes to costs or delivery of

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contracted products are authorized. Please notify me immediately if you believe this letter would result in changes to costs or delivery of contracted products.

Sincerely,

ORIGINAL SIGNED BY
Daniel J. Fehring
High-Level Waste Licensing
Management Branch
Division of Waste Management

cc: A. L. Lotts

DJF

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