

DEC 16 1987

426.1/PJB/87/11/03

- 1 -

Dr. Malcolm D. Siegel  
Division 6416  
Sandia National Laboratories  
Albuquerque, NM 87185

Dear Dr. Siegel:

SUBJECT: CONTRACT NO. 50-19-03-01/FIN A-1756, "GEOCHEMICAL SENSITIVITY ANALYSIS"

I have reviewed the October 1987 monthly progress report for the above contract dated November 15, 1987. Based on my review of this report, progress to date is satisfactory.

I feel that the project review for FIN A-1756, which was held in Silver Spring on December 3, generally went well. I was also pleased to meet Cristi Leigh and Sidney Phillips. As a result of the project review and the session with the staff of the Center for Nuclear Waste Regulatory Analyses (CNWRA), I had discussions with the Section Leader of the Geochemistry Section and the Director of the Division of High-Level Waste Management. As a result of these discussions, I would like to provide you with additional guidance concerning the transfer of technology developed by FIN A-1756 from Sandia National Laboratories to the NRC/CNWRA.

- 1) Personnel from Sandia National Laboratories should consider the NRC Project Manager (PM) to be the principal contact between the CNWRA and Sandia. All requests for information concerning A-1756, either by the CNWRA to Sandia or by Sandia to the CNWRA, should be through the NRC PM.
- 2) In general, visits to Sandia National Laboratories by CNWRA personnel concerning the transfer of A-1756 technology should not be undertaken unless CNWRA staff are accompanied by the NRC PM. Exceptions to this policy will be considered on a case-by-case basis.
- 3) I will, at this time, reserve judgement as to where the final Peer Review Meeting for FIN A-1756 will be held. Although you mentioned that finances to get the desired group of peer reviewers to Washington may be limited, it is unlikely that the dozen or so NRC personnel who should participate at this meeting will be able to do so if it is not held in the Washington area. Since the purpose of this contract is to provide assistance to the NRC technical staff, it would not be within the best interests of the NRC to have the meeting at a location where few of the staff could attend.

Similar guidance will be given to personnel from the CNWRA. If they have not received this guidance and attempt to contact you directly, please refer them to me.

8803230168 871216  
PDR WMRES EXISANL  
A-1756 PDR

88139418  
WM Project: WM-  
PDR yes  
(Return to WM, 623-SS)

WM Record File: A-1756  
LPDR yes

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I was not able to find a copy of the TRANQL User's Guide in Walt Kelly's files. Please send a copy of the User's Guide to me as soon as possible. Also please send the list of all products completed under A-1756 during FY-87.

I am expecting the following products to be delivered to the NRC during the month of December (as stated in the Monthly Report for October and the Deliverables List).

- 1) NUREG/SAND/Stanford report on applications of surface-complexation models to radionuclide transport - Due 12/21/87
- 2) Summary Letter Report on Thermodynamic Data Management System - Due 12/21/87
- 3) Final draft of "Thermodynamic Tables for Use in Performance Assessment of High-Level Waste Repositories. Volume 1. Aqueous Solutions Data Base," NUREG/CR-4864, SAND87-0323.

Contact me immediately if these documents will not be delivered as promised.

Finally, I am not receiving the Monthly Reports on time. The due date for Monthly Reports is the 15th of the following month. I would appreciate your assistance in assuring that these documents are delivered to the NRC in a timely manner.

The action taken by this letter is considered to be within the scope of the current contract FIN A-1756. No change to costs or delivery of contract products is authorized. Please notify me immediately if you believe this letter would result in changes to costs or delivery of contracted products.

Sincerely,

  
Paul J. Bemba  
Geochemistry Section  
Technical Review Branch  
Division of High-Level Waste Management  
Office of Nuclear Material Safety  
and Safeguards

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OFFICIAL CONCURRENCE AND DISTRIBUTION RECORD

LETTER TO: Dr. Malcolm D. Siegel  
 Division 6431  
 Sandia National Laboratories  
 Albuquerque, NM 87185

FROM: Paul J. Bembia  
 Geochemistry Section  
 Technical Review Branch  
 Division of High-Level Waste Management  
 Office of Nuclear Material Safety  
 and Safeguards

SUBJECT: CONTRACT NO. 50-19-03-01/FIN A-1756, "GEOCHEMICAL  
 SENSITIVITY ANALYSIS"

DATE: 87/12/16 DEC 16 1987

DISTRIBUTION

87-481

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CONCURRENCES

ORGANIZATION/CONCUREE	INITIALS	DATE CONCURRED
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