

426.1/A1158/NC/87/07/07

8/3/87

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LPDR - WM-10 (2)
WM-11 (2)
WM-16 (2)
WM Project 10, 11, 16
Docket No. _____
PDR ✓
XLPDR (B, N, S)

- 1 -

Distribution:

(Return to WM, 623-SS)

Dr. Robert M. Cranwell, Supervisor
Waste Management Systems
Division 6416
Sandia National Laboratories
P.O. Box 5800
Albuquerque, NM 87185

87219663
WM Project: WM-10, 11, 16
PDR yes
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WM Record File: A1158
LPDR yes

Dear Dr. Cranwell:

I have received and reviewed your June monthly progress report for project A1158, transmitted under a cover letter dated July 15, 1987. The work performed during June has been satisfactory.

I have received a text copy (minus figures) of the report entitled "Numerical Modeling of Ground-Water Flow Systems in the Vicinity of the Reference Repository Location, Hanford Site, Washington." Paul Davis has informed me that only about one-fourth of the figures for the report have been finalized, but the text has been sent to allow additional time for review by our staff. In our phone conversation on August 3rd Paul estimated that the full set of final figures should be completed by the end of August. I expressed concern that this may not allow sufficient time for thorough review of the final draft document. Accordingly, please forward the document with all available completed figures, along with drafts of remaining figures. This will enable reviewers to more readily review and evaluate the final draft product within existing time constraints.

With regard to the code maintenance work conducted under Task 2, it is requested that the principal data file for the regional groundwater model of the BWIP site be transferred to the INEL system in addition to the various codes that have been maintained there. This will provide on-line documentation of the work on this regional model that was originally performed by Paul Davis under project FIN A1757. I discussed this matter with Charlene Harlan on August 3rd, and she indicated that the data file could readily be transferred to INEL. She will discuss the matter with Paul Davis and obtain from him the proper version of the data file for transfer to INEL.

Paul Davis is authorized to attend the first day (Monday, August 17) of the meeting of the Committee on Ground Water Modeling Assessment. This meeting will be held at the National Academy of Sciences Study Center, Woods Hole, Massachusetts. It is requested that Paul give a general presentation on the verification and validation of groundwater flow models, analogous to the one he presented to staff and contractors during our June meeting on groundwater travel time.

It is requested that Charlene Harlan and Paul Davis travel to Silver Spring for one day to present project A1158 status briefings to the NRC staff. These briefings should cover the entire scope of the project, including recommendations for future work in code maintenance, code validation and

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verification, software quality assurance, and groundwater modeling at the Hanford site. A time for the briefings during the week of September 7th would be most compatible with our staff's schedule. Please contact me regarding the availability of Ms. Harlan and Mr. Davis during that week.

The action taken by this letter is considered to be within the scope of the current contract A1158. No changes to cost or delivery of contracted services and products are authorized. Please notify me immediately if you believe that this letter would result in changes to cost or delivery of contracted products for project A1158.

Sincerely,

ORIGINAL SIGNED BY

Neil M. Coleman, Project Manager
Hydrology Section
Technical Review Branch
Division of High-Level Waste Management

cc: C. Harlan, Sandia
P. Davis, Sandia

AUG 03 1987

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LETTER TO: Dr. Robert M. Cranwell, Supervisor
 Waste Management Systems
 Division 6416
 Sandia National Laboratories
 P. O. Box 5800
 Albuquerque, NM 87185

FROM: Neil M. Coleman, Project Manager
 Hydrology Section
 Technical Review Branch
 Division of High-Level Waste Management

SUBJECT: REVIEW OF JUNE MONTHLY PROGRESS REPORT FOR FIN A1158

DATE: AUG 4 1987

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CONCURRENCES

ORGANIZATION/CONCUREE	INITIALS	DATE CONCURRED
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Mailed by the WMDCC
 AUG 4 1987 4:15pm
 Date / Time

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		NColeman		
ENCLOSURES Ticket close out by letter to Dr. Robert M. Cranwell from Neil Coleman on 87/08/03....				
REMARKS <i>eg 7/21</i>				