

File # 9/pw/87/1/12

A1165
LPDR
Wm-10 (2)
Wm-11 (2)
Wm-16 (2)

WM-RF
WM Record File
A1165
SNL

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

Dr. Robert Cranwell
Sandia National Laboratories
Waste Management
Division 6431 P. O. Box 5800
Albuquerque, New Mexico 87185

JAN 29 1987

Distribution: _____

(Return to WM, 623-SS)

SUBJECT: COMMENTS ON MONTHLY REPORT FOR FIN-A1165 (November, 1986)

Dear Dr. Cranwell:

I have received your report summarizing the activities during the month of November for FIN-A1165. I have reviewed the report and have the following comments:

D10-ed
5/3/87

- A. Figure 1, under Task I, shows the components of performance assessment. While showing all the arrows and arrowheads on the figure may be impractical, the absence of some connecting arrows gives rise to the following questions: (the following numbers correspond to numbers on the attached Figure 1):
 1. Wouldn't information on local groundwater flow be used in developing thermo - mechanical response as well as vice-versa?
 2. Shouldn't information on local groundwater flow feed into the description of the undisturbed system?
 3. Wouldn't ionization due to radiolysis affect the geochemistry?
 4. Wouldn't very near field information be directly useful in analyzing waste package lifetime as well as sensitivity and uncertainty analysis for the base case, etc.?
- B. Based on the new studies undertaken in this project and the change revision of the 189, the change in principal investigator, I believe it would be advantageous to both NRC and Sandia to schedule a meeting to discuss the overall status of FIN-A1165. I will be contacting you in the near future to arrange for such a meeting and to discuss a proposed agenda.

The action taken by this letter is to be considered within the scope of the current contract (FIN-A1165). No change to cost or delivery of contracted products are authorized. Please notify me immediately if you believe this letter would result in changes to the cost or delivery of contracted products.

Sincerely,

ORIGINAL SIGNED BY

Sandra L. Wastler
Repository Projects Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

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PDR WMRES EXISANL
A-1165 PDR

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JAN 29 1987

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LETTER TO: §R Cranwell
 FROM: S. Wastler
 SUBJECT: FIN-A1165
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CONCURRENCES

ORGANIZATION/CONCUREE	INITIALS	DATE CONCURRED
WM/Wastler	<u>BW</u>	<u>1-28-87</u>
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*Rec'd + m...
 Bill 175
 2-2-87*

FROM 205 Cranwell Sandia Nat'l Lab		DATE OF DOCUMENT 1/15/86	DATE RECEIVED 1/6/87	NO WH87-001
TO S Mastler		LTR XX	MEMO	REPORT XX
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REG. NO.		NO ACTION NECESSARY <input type="checkbox"/>	COMMENT <input type="checkbox"/>	
DESCRIPTION (Must Be Unclassified)		FILE CODE: 426.1		
October monthly progress report for FIN A1165		REFERRED TO	DATE	RECEIVED BY
		J. Linehan, WMRP	1/7	
ENCLOSURES		<i>[Signature]</i>	1/8	
		<i>Wastler</i>	1-30-87	
REMARKS				