

B6985  
426.1/PB/86/01/17

JAN 31 1986

- 1 -

Mr. Douglas K. Vogt  
CorStar Research  
2121 Allston Way  
Berkeley, CA 94704

SUBJECT: RESPONSE TO MONTHLY PROGRESS REPORTS FOR OCTOBER AND NOVEMBER  
1985 (FIN B6985)

Dear Mr. Vogt:

We have reviewed your monthly progress reports for October and November, 1985 and have the following comments. (Please note that the report for October was inadvertently labelled August, 1985.)

Task 3, Waste Package Codes:

A review of the revised Benchmark Problem report for Waste Package Codes is underway. As we discussed after the RES/NMSS Workshop on "Validation of Mathematical Models," NRC staff will be reassessing the geochemistry problems to determine whether they are well-posed and applicable to appropriate repository conditions. Our review will be completed in a month.

Tasks 4 and 5, Repository Design Codes:

The loss of the COYOTECDC file at the Brookhaven facility was unfortunate. Please advise us when you have been successful in using CorSTAR's back-up version of COYOTECDC in running problem 2.9 for COYOTE. We would be interested also in knowing the results of your thinking about the possibly improper modelling of the Von Mises yield criteria that you mentioned in connection with problem 3.5 using ADINA and VISCOT.

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The action taken by this letter is considered to be within the scope of the current contract NRC-02-81-026. No changes to cost or delivery of contracted products are authorized. Please notify me immediately if you believe this letter would result in changes to cost or delivery of contract products.

Sincerely,

**"ORIGINAL SIGNED BY"**

Pauline P. Brooks  
Repository Projects Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
and Safeguards

cc: P. Cukor  
M. Page

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