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*B6985*  
 426-1/PB/85/11/14

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

SUBJECT: RESPONSE TO MONTHLY PROGRESS REPORT FOR SEPTEMBER 1985 (FIN B6985)

We have reviewed your monthly report for September 1985 and have the following comments.

Over the past two months we have been discussing, by telephone and by letter, potential problems in accessing the Brookhaven computer arising from the ongoing phase-out of the two CDC 6600 machines at that computer facility. It now appears that these problems will be less severe, rather than more severe, when the second CDC 6600 is replaced near the end of this calendar year. The replacement machine will be a new Cyber to be used in interactive mode by NRC users. Changes in log-on procedures, etc., will be minimal; thus no training course for users will be necessary.

Since one of the factors underlying the choice of November 19 for the progress meeting in Silver Spring was the need for one of your staff to attend a training session in Bethesda on November 20-21, we would like to plan the progress meeting for December 10, 1985, tentatively. Please advise me by telephone as to whether the key participants will be available on that date.

With regard to your specific comments on Tasks 4 and 5, Repository Design Codes, it is my understanding that your recommended approach for benchmarking the code STEALTH has been implemented. The difficulties encountered in running the benchmark problems for COYOTE, STEALTH, HEATING and ADINA constitute valuable information about these codes as applied to repository design problems and should be well-documented in your report. I will confirm the substitute problems we agreed upon by telephone in a separate letter.

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

*Wm-RES*  
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*2593*

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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OFC	:WMP:rs	:WMP	:	:	:	:	:
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FROM <b>CorSTAR</b>		DATE OF DOCUMENT <b>10/10/85</b>	DATE RECEIVED <sup>10</sup> <b>10/10/85</b>	NO <b>85937</b> <b>WM-85986</b>
TO <b>PBrooks</b>		LTR <b>XX</b>	MEMO	OTHER
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DESCRIPTION (Must Be Unclassified) <b>Sept 85 Report for FIN B6985</b>		FILE CODE: <b>426.1</b>		
ENCLOSURES		REFERRED TO <b>Miller</b>	DATE <b>10/18</b>	RECEIVED BY
REMARKS <b>Closed 11/18/85 letter to D. Vogt.</b>		<b>PBrooks</b>		