

BROOKHAVEN NATIONAL LABORATORY
ASSOCIATED UNIVERSITIES, INC.

Upton, Long Island, New York 11973

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FTS 666

Department of Nuclear Energy

January 16, 1984

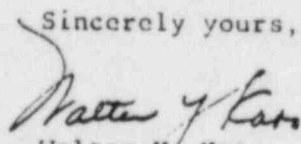
Mr. Warren Lyon
Reactor Systems Branch
Division of Systems Integration
Office of Nuclear Reactor Regulation
Mail Stop P-1132
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Lyon:

Enclosed is the December monthly report for the activities sponsored by your Branch. Also included are the computerized budget summaries and the fee recovery cost status for each program. I would suggest that you and your staff review the reports to determine whether there are any discrepancies. If there are, please notify the principal investigator.

We hope this meets with your approval. If there are any questions regarding format, distribution, or budget reporting, please contact Mr. A. J. Weiss, Administrative Technical Assistant, FTS 666-4473.

Sincerely yours,


Walter Y. Kato
Deputy Chairman

WYK/jw

Enclosures

cc: R. Bari, BNL
S. M. Boyd, NRC
B. L. Grenier, NRC
R. Hall, BNL
W. Houston, NRC
J. Rosenthal, NRC
B. Sheron, NRC
A. J. Weiss, BNL
BNL Technical Monitor

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Division of Systems Integration - NRR

December 1983

<u>FIN No.</u>	<u>Total Projected Project Cost (\$K)</u>	<u>Funds Obligated To Date (\$K)</u>	<u>Balance of Funds (\$K)</u> <u>FY 1984</u>	<u>FY 1985</u>	<u>FY 1986</u>
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180

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MONTHLY HIGHLIGHTS FOR DECEMBER 1983

"Safety Evaluation of Core-Melt Accidents:
Indian Point-OR and Zion-OR"

(FIN A-3712)

BNL Principal Investigator: W. T. Pratt (FTS 666-2630)

NRC Project Manager: W. Lyon (FTS 492-9405), RS Branch

1. Scope/Purpose:

The scope of this work will be limited to addressing immediate NRC/NRR licensing concerns using the state-of-the-art codes and the analyses and experimental data developed from NRC/RES and other R&D programs. The analyses provided under this contract helped form the basis for positions taken by the NRC staff as related to questions raised by the Commission, hearing board and intervenors as part of the Indian Point Hearing. Also, the analyses will provide input to the NRC staff's review of the Indian Point Probabilistic Safety Study (IPPSS) and the Zion Probabilistic Safety Study (ZPSS).

2. Work Performed During Period:

The final draft of the summary report on the ZPSS review has been sent to NRC. When comments are obtained from NRC, they will be factored into the final version of NUREG/CR-3300.

BNL staff participated in the first NRC/IDCOR Technical Exchange meeting.

3. Problems/Delays:

None.

4. Summary of Progress to Date/Milestones:

The milestone for completing the final version of NUREG/CR-3300 has been amended to allow for the additional assistance discussed above in Item 2.

5. Next Reporting Period:

Work will continue.

FEE RECOVERY COST STATUS

FIN: A-3712

TITLE: CORE MELT ACC. INDIAN PT, ZION

PERIOD: DECEMBER 1983

	TASK/PLANT		PERIOD	\$ 1104 CONCENTR
0	TASK 4: ZION 1	DUCKET 50-292	198 41044	14,700.
2	GENERIC			0,400