



BROOKHAVEN NATIONAL LABORATORY
ASSOCIATED UNIVERSITIES, INC.

Upton, Long Island, New York 11973

(516) 282-
FTS 666-2444

Department of Nuclear Energy

June 18, 1984

Dr. A. C. Thadani, Chief
Reliability and Risk Assessment Branch
Division of Safety Technology
Office of Nuclear Reactor Regulation
Mail Stop P-216
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

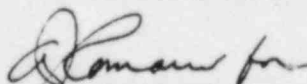
Dear Dr. Thadani:

Enclosed is the May 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 requiring it. 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.

Note that the funds received for FIN A-3740, as shown on the financial status page, does not reflect the additional \$100,000 received in June. The total amount of unbilled costs through May is \$16,274, which will be billed to NRC in June.

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. A. Bari, BNL
F. Coffman, NRC
T. L. DiGaloma, NRC
R. Frahm, NRC
R. E. Hall, BNL
J. Halvorsen, NRC
F. Rowsome, NRC
A. J. Weiss, BNL
NRC Technical Monitors
BNL Technical Monitor

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Division of Safety Technology - NRR

May 1984

<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>
A-3366	436	431	0	5	
A-3725	1000	950	50		
A-3728	330	330	0		
A-3740	284	270	14		
A-3758	405	375	0	30	
A-3770	75	0	70	5	
A-3777	-	25	-		

MONTHLY HIGHLIGHTS FOR MAY 1984

"Review of the Probabilistic Risk Assessment for the
Shoreham Nuclear Power Plant"

(FIN A-3740)

BNL Principal Investigator: I. A. Papazoglou (FTS 666-2435)
NRC Program Manager: A. Thadani, Reliability and Risk Assessment
Branch
NRC Technical Monitor: Ed Chow, Reliability and Risk Assessment
Branch

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1. Scope/Purpose

The purpose of this project is to review those aspects of the Shoreham PRA leading to the estimates of the frequencies of the accident sequences resulting in a "core vulnerable" state and to determine the accuracy of these estimates.

2. Schedule/Milestones

A letter of the findings will be submitted to NRC at the completion of each task according to the following schedule.

Task 1: Draft Report	4/15/84
Task 2: Questions to the Applicant	11/31/83
Task 3: Final Report	Two months after receiving final comments by NRC and licensee.

3. Progress to Date

The quantitative review of event trees continued. The development of the core damage tree for the LOSP event is completed. Quantification using the SETS code continued. Core damage trees for other transient events are under development.

4. Problems and Delays

By agreement with NRR, the completion date for Task 1 has been set at August 31, 1984.

5. Next Reporting Period

The review of the Shoreham PRA will continue.

FINANCIAL STATUS

MAY 1984

ACCOUNT
004197

T I T L E
SHOREHAM PFA REVIEW

NRC FIN
A-3740

SUPERVISOR : RB

PRINCIPAL INVESTIGATOR : PAPAIOGLOU I.

	CURR MO EXP	YTD EXPENSE	% FUNDS REC'D
DIRECT SALARIES :	3,504.	97,785.	
TRAVEL EXPENSES :	0.	3,813.	
MATERIAL & SERVICES :	60	3,241.	
SUBCONTRACTS :	0.	0.	
ADP SUPPORT :	584.	2,911.	
INDIRECT SALARIES :	700.	15,345.	
OVERHEAD :	1,951.	49,799.	
TOTAL :	8,729.	172,694	110

FUNDS RECEIVED
156,419.

FEE RECOVERY COST STATUS

FIN: A-3740

TITLE: SHOREHAM PRA REVIEW

PERIOD: MAY 1984

TASK/PLANT		\$ PERIOD	\$ FY84 CUMULATIVE
A Shoreham	Docket 50-322	6,779.	172,694.