

BROOKHAVEN NATIONAL LABORATORY  
ASSOCIATED UNIVERSITIES, INC.

Upton, Long Island, New York 11973

Department of Nuclear Energy

(516) 282 2444  
FTS 666

September 18, 1984

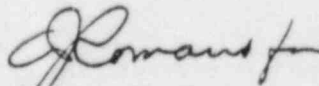
Dr. A. C. Thadani, Chief  
Reliability and Risk Assessment Branch  
Division of Safety Technology  
Office of Nuclear Reactor Regulation  
Mail Stop P-216  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Dr. Thadani:

Enclosed is the August 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.

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 Monitors

THIS COPY FOR

8507130348 850426  
PDR FOIA  
BELAIR85-199 PDR

A/34

Division of Safety Technology - NRR

August 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	490	490	0		
A-3725	1000	1000	0		
A-3728	330	330	0		
A-3740	284	270	0	14	
A-3758	405	375	0	30	
A-3770	75	70	0	5	
A-3777	400	25	205	170	
A-3780	150	50	0	100	
A-3785	42	0	7	35	

MONTHLY HIGHLIGHTS FOR AUGUST 1984

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

(FIN A-3740)

BNL Principal Investigator: R. Youngblood (FTS 666-2363)  
NRC Program Manager: A. Thadani (FTS 492-4705) RRAB  
NRC Technical Monitor: Ed Chow (FTS 492-4727) RRAB

THIS COPY FOR

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	10/15/84
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 the event trees of transient initiators with scram was completed. The review of LOOP event tree is in progress. Several additional fault-trees were reviewed.

4. Problems and Delays

By agreement with NRR, the completion date for Task 1 has been set at October 15, 1984.

5. Next Reporting Period

The review of the Shoreham PRA will continue.

# FINANCIAL STATUS

AUGUST 1984

ACCOUNT: 004177 TITLE: SHOREHAM PRA REVIEW

NRL FIN  
A-3740

SUPERVISOR : RB

PRINCIPAL INVESTIGATOR : YOUNGBLOOD R.

	CURR MO EXP	YTD EXPENSE	% FUNDS REC'D
DIRECT SALARIES :	6,904.	120,016.	
TRAVEL EXPENSES :	0.	4,203.	
MATERIAL & SERVICES :	104.	3,817.	
SUBCONTRACTS :	0.	0.	
ADP SUPPORT :	342.	3,795.	
INDIRECT SALARIES :	413.	17,883.	
OVERHEAD :	3,130.	60,524.	
TOTAL :	10,823.	210,019.	32

FUNDS RECEIVED  
256,419.

# FEE RECOVERY COST STATUS

FILE: A-3740

TITLE: SHOREHAM PRA REVIEW

PERIOD: AUGUST 1984

TASK/PLANT		\$ PERIOD	\$ FTR4 CUMULATIVE
-A Shoreham	Docket 50-322	10,892.	210,018.
TOTALS :		10,892.	210,018.