

BROOKHAVEN NATIONAL LABORATORY  
ASSOCIATED UNIVERSITIES, INC.

Upton, Long Island, New York 11973

Department of Nuclear Energy

(516) 282-  
FTS 666- 2444

February 20, 1985

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:

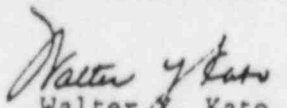
Enclosed is the January monthly report for the activities sponsored by your Branch. Also included are the computerized budget summaries and the fee recovery cost status for each program requiring it. I would suggest that you and your staff review the reports to determine whether there are any discrepancies.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

Note that the funds allocated for FINs A-3366, A-3728, and A-3758 have been spent and those for FIN A-3740 are nearly spent. The NRC program office was informed of this February 19, 1985 as required by revised Manual Chapter 1102, dated May 31, 1984. Please send the balance of expected funds so that the level of effort may continue without interruption.

The total amounts of unbilled costs through January are \$22,064 for FIN A-3366, \$18,665 for FIN A-3728, and \$1,289 for FIN A-3758, which will be billed to NRC when the expected funds arrive.

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 A. Kato  
Deputy Chairman

WYK/jw

Enclosures

cc: R. A. Bari, BNL  
F. Coffman, NRC  
R. Frahm, NRC  
J. Halvorsen, NRC  
M. Kaltman, NRC  
F. Rowsome, NRC  
A. J. Weiss, BNL  
NRC Technical Monitors  
BNL Technical Monitors

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PDR FOIA  
BELAIR85-199 PDR

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A/53

MONTHLY HIGHLIGHTS FOR JANUARY 1985

"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

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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	11/15/84
Task 2: Questions to the Applicant	11/30/83
Task 3: Final Report	Two months after receiving final comments by NRC and licensee.

3. Progress to Date

Task 1 was completed by sending a revised and corrected draft report to the NRC. Some work on LOCA outside containment was also performed.

4. Problems and Delays

None.

5. Next Reporting Period

No work on the draft report is planned until BNL receives comments from the staff. A more extensive study of LOCA outside containment is underway; it will be reported in the next period.

# F I N A N C I A L   S T A T U S

JANUARY 1985

ACCOUNT  
004197

T I T L E  
SHOREHAM PHA REVIEW

NMC FIN  
A-3740

SUPERVISOR : RB

PRINCIPAL INVESTIGATOR : YOUNGBLOOD R.  
TERMINATION DATE : 12/31/85

		CURRENT MONTH	YEAR TO DATE
I	DIRECT STAFF EFFORT : (S&P STAFF MONTHS)	.00	5.20
II	DIRECT SALARIES :	20.	25,410.
	MATERIAL & SERVICES	4.	4.
	ADP SUPPORT :	65.	539.
	SUBCONTRACTS :	0.	0.
	TRAVEL EXPENSES :	402.	402.
	INDIRECT EXPENSES :	0.	10,295.
	GENERAL & ADMIN. :	211.	15,675.
	TOTAL CCSTS :	707.	52,530.
	PERCENTAGE OF AVAIL FUNDS SPENT : (FY 84 CARRYOVER + FY 85 FUNDS RECEIVED TO DATE)		94%

## III FUNDING STATUS :

FY 1984  
CARRYOVER  
(\$ K)

53.

FY 1985 PROJECTED  
FUNDING LEVEL  
(\$ K)

10.

FY 1985 FUNDS  
REC'D TO DATE  
(\$ K)

0.

FY 1985 FUNDING  
BAL. NEEDED  
(\$ K)

10.

FEE RECOVERY COST STATUS

FIN: A-3740

TITLE: SHOREHAM PRA REVIEW

PERIOD: JANUARY 1985

TASK/PLANT

-A Shoreham

Docket 50-322

PERIOD CUMULATIVE

707. 52.00

TOTALS :