

BROOKHAVEN NATIONAL LABORATORY
ASSOCIATED UNIVERSITIES, INC.

Upton, Long Island, New York 11973

Department of Nuclear Energy

(516) 282-2444
FTS 666

January 18, 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 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 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 FIN A-3366 have been spent and those for FIN A-3728 are nearly spent. The NRC program office was informed of this January 14, 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 amount of unbilled costs for FIN A-3366 through December is \$6,111, 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 Y. Kato

Walter Y. Kato
Deputy Chairman

8507130353 850426
PDR FOIA
BELAIR85-199 PDR

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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MONTHLY HIGHLIGHTS FOR DECEMBER 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

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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

Some revision of the draft report was performed.

4. Problems and Delays

None.

5. Next Reporting Period

No work is planned until BNL receives comments on the draft report from the staff.

FINANCIAL STATUS

DECEMBER 1984

ACCOUNT
004197

T I T L E
SHOREHAM PRA REVIEW

NRC FIN
A-3740

SUPERVISOR : PB

PRINCIPAL INVESTIGATOR : YOUNGBLOOD R
TERMINATION DATE : 02/15/85

	CURRENT MONTH	YEAR TO DATE
DIRECT STAFF EFFORT : (S&P Staff months)	1.30	5.20
DIRECT SALARIES :	6,273.	25,389.
MATERIAL & SERVICES	0.	0.
ADP SUPPORT :	158.	473.
SUBCONTRACTS :	0.	0.
TRAVEL EXPENSES :	0.	0.
INDIRECT EXPENSES :	2,470.	10,295.
GENERAL & ADMIN. :	3,858.	15,663.
TOTAL COSTS :	12,759.	51,820.
PERCENTAGE OF AVAIL FUNDS SPENT : (FY 84 Carryover + FY 85 Funds Received to Date)		97%*

III FUNDING STATUS :

FY 1984
CARRYOVER
(\$ K)

53.

FY 1985 PROJECTED
FUNDING LEVEL
(\$ K)

0.

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

0.

FY 1985 FUNDS
BAL. NEEDED
(\$ K)

0.

FEE RECOVERY COST STATUS

File: A-3740

Title: SHOREHAM PHA REVIEW

Period: DECEMBER 1984

TASK/PLANT		\$ PERIOD	\$ FY85 CUMULATIVE
-A	SHOREHAM	DUCKET 50-322	
		12,761.	51,823.
TOTALS :		12,761.	51,823.