

NOV 22 1983

Mr. I. Papazoglou
Brookhaven National Laboratory
Building 130
Upton, NY 11973

Dear Dr. Papazoglou:

In response to your letter of October 17, 1983, to A. Thadani concerning the impact of the GESSAR PRA review for external events on other RRAP programs, I would first like to indicate that I appreciate your promptness in bringing this to Mr. Thadani's attention. We have considered the impacts that you identified and offer the following guidance. The guidance reflects our priorities among these tasks along with updated schedules that we can meet our obligations.

We agree with your proposed revision to the Shoreham PRA review schedule, FIN A-3740. This revised schedule for Shoreham will provide adequate relief for the Limerick PRA and SARA, FIN A-3725 in support of the Systems Interaction issue, and the GESSAR PRA review which remain high priority tasks.

Dr. Papazoglou and members of my staff have discussed GESSAR milestone changes such as a delay in the final NUREG/CR on internal events (Vol 2) from 1/30/84 to 2/15/84 and the draft NUREG/CR on external events (Vol 3) from 3/01/84 to 3/15/84. The final NUREG/CR on the integrated risk assessment (Vol 5) has been accelerated from 5/01/84 to 4/16/84. We are still awaiting your revised submittal of Form 189 regarding the review of the GESSAR II PRA.

We appreciate your responsiveness in these matters.

Sincerely,


Original Signed by

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CF ADOCK 05000322
CF

for Frank Rowsome
Themis P. Speis, Director
Division of Safety Technology

Enclosure:
GESSAR PRA Review Schedule

cc: R. Bari
F. Rowsome
A. Thadani

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*SEE PREVIOUS CONCURRENCE

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SURNAME	*FCOFFMAN mI	*RFrahm	ATHadani	FRowsome	TSpeis		
DATE	11/18/83	11/18/83	11/18/83	11/21/83	11/21/83		

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Brookhaven National Laboratory
Building 130
Upton, NY 11973

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Dr. Papazoglou and members of my staff have discussed GESSAR milestone changes such as a delay in the final NUREG/CR on internal events (Vol 1) from 1/30/84 to 2/15/84 and the draft NUREG/CR on external events (Vol 3) from 3/01/84 to 3/15/84. The final NUREG/CR on the integrated risk assessment (Vol 5) has been accelerated from 5/01/84 to 4/16/84. We are still awaiting your formal submittal of Form 189 regarding the review of the GESSAR II PRA.

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Sincerely,

Themis P. Speis, Director
Division of Safety Technology

Enclosure:
GESSAR PRA Review Schedule

cc: R. Bari
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A. Thadani

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Department of Nuclear Energy

October 17, 1983

Dr. Ashok C. Thadani
Reliability and Risk Assessment Branch
Division of Safety Technology
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Ashok:

The purpose of this letter is to inform you of the impact that the involvement of Risk Evaluation Group (REG) personnel in the review of the GESSAR PRA for "external events" will have on the milestones of other RRAB projects.

Presently, we anticipate performing a review of the "external events" GESSAR PRA of the same scope and level of effort as the one for the Limerick SAKA (Project 3, FIN A-3393). The GESSAR review will involve members of the REG for "system analysis", an outside consultant for the seismic hazard and fragility analysis, and members of the Reliability and Physical Analysis Group (headed by Dr. John Boccio) for the fire physical analysis part of the review.

A detailed schedule for the GESSAR review has not yet been established. We anticipate, however, that between November 1, 1983 and March 30, 1984, the review will require the equivalent of two months of Dr. Kelvin Shiu's time and two months of Dr. Nelson Hanan's time. They were the leading reviewers of the GESSAR "internal events" PRA.

Dr. Shiu is presently the leading reviewer of the Shoreham PRA and Dr. Hanan is one of the key members of the "System Interactions" team. Owing to Dr. Shiu's involvement with the GESSAR external event PRA, the milestones of the Shoreham PRA review (FIN A-3740) will change as follows:

	<u>FIN A-3740 Milestones</u> <u>Presently Stated in 189</u>	<u>New</u>
Task 1: Draft report on the review	3/15/84	4/30/84
Task 2: Q-1 to applicant	10/31/83	11/30/83
Task 3: Final report	Two months after receiving appropriate NRC comments	Unchanged

83-0210017

Dr. Hanan's involvement might affect some of the system interaction milestones but the exact nature of the effect can not be determined prior to establishing a firm schedule for the GESSAR review.

An additional factor that might affect the Shoreham PRA review is the potential participation and/or contribution of Dr. Shiu to the Limerick hearings. I would appreciate it if you could inform us about RRAB's plans concerning the nature and timing of BNL involvement to the aforementioned hearings.

I look forward to receiving your response to these comments.

Best regards,



I. A. Papazoglou, Group Leader
Risk Evaluation Group

IAP/dm

cc: A. Buslik (NRC)
~~D. Yue (NRC)~~
E. Chow (NRC)
W. Kato
R. Bari
R. Hall
J. Boccio