

Distribution

NRR Contract file (T.
(T. DiGaloma)

RRAB RDG

JUN 22 1984

Chow CHRON

ABuslik

ATHadani

MFarr

FRowsome

AD/TRdg

TSpeis

DST CHRON

JHalvorsen

VZeoli, ORM

DDandois, ORM

Mr. Gregory J. Ogeka, Chief
Administrative Branch
Brookhaven Area Office
Building 464
Upton, NY 11973

Dear Mr. Ogeka:

Subject: BNL Technical Assistance to the Division of Safety Technology,
NRR, NRC, "Review of Probabilistic Risk Assessment for the
Shoreham Nuclear Power Plant" (FIN A-3740)

The enclosed NRC Form 173, Standard Order for DOE work, is hereby submitted
in accordance with Section III.B.2 of the DOE/NRC Memorandum of Understanding
dated February 24, 1978.

Funding authorization in the amount of \$50,000 to immediately begin work on
the subject project was provided to you on September 6, 1983, \$120,000 on
December 6, 1983, and \$100,000 was provided on May 31, 1984. The purpose
of this letter is to modify your proposal, dated October 4, 1983 (request
from BNL to A. Thadani, dated June 12, 1984), and to request within 30 days
a revised NRC Form 189 without attachments reflecting the attached schedule
change. Please submit the NRC Form 189 to:

Ms. Jayne Halvorsen, Program Assistant
Division of Safety Technology, NRR
U.S. Nuclear Regulatory Commission
Washington, DC 20555

If you have any questions concerning the acceptance of this order, please
contact Ms. J. Halvorsen on FTS 492-7932.

Sincerely,

8507130442 850426
PDR FOIA
BELAIR85-199 PDR

Frank Lawrence
for

Themis P. Speis, Director
Division of Safety Technology
Office of Nuclear Reactor Regulation

Enclosure:
NRC Form 173

cc: R. Barber, HQ-DOE
H. C. Grahm, BNL
H. J. Rauch, DOE-CHOO
A. Romano, BNL

AD/T:DST
MFARR
6/18/84

6-22-84 *Al29*

OFFICE	RRAB:DST EChow	RRAB:DST ABuslik	RRAB:DST ATHadani	AD/T:DST FRowsome	RA:DST JHalvorsen	NRR VZeoli	D:DST TSpeis
SURNAME	EChow	ABuslik	ATHadani	FRowsome	JHalvorsen	VZeoli	TSpeis
DATE	6/14/84	6/14/84	6/14/84	6/18/84	6/18/84	6/22/84	6/25/84

NRC FORM 173
(2-78)

U.S. NUCLEAR REGULATORY COMMISSION

ORDER NUMBER

20-84-455

STANDARD ORDER FOR DOE WORK

DATE

JUN 22 1984

ISSUED TO: (DOE Office)

Brookhaven Area Office

ISSUED BY: (NRC Office)

Office of Nuclear Reactor
Regulation, DST

ACCOUNTING CITATION

APPROPRIATION SYMBOL

31X0200.204

B&R NUMBER

20-19-40-41-5

FIN NUMBER

A3740-4

PERFORMING ORGANIZATION AND LOCATION

Brookhaven National Laboratory
Upton, New York

WORK PERIOD - THIS ORDER

FIXED ☒

ESTIMATED ☐

FROM:

09/13/83

TO:

02/15/85

FIN TITLE

Review of PRA for the Shoreham Nuclear Power Plant

OBLIGATION AVAILABILITY PROVIDED BY:

A. THIS ORDER

\$ 0

B. TOTAL OF ORDERS PLACED PRIOR TO THIS DATE WITH THE PERFORMING ORGANIZATION UNDER THE SAME "APPROPRIATION SYMBOL" AND THE FIRST FOUR DIGITS OF THE "B&R NUMBER" CITED ABOVE.

\$ 6,455,000

C. TOTAL ORDERS TO DATE

(TOTAL A & B)

\$6,455,000

D. AMOUNT INCLUDED IN "C" APPLICABLE TO THE "FIN NUMBER" CITED IN THIS ORDER.

\$ 220,000

FINANCIAL FLEXIBILITY:

☒ FUNDS WILL NOT BE REPROGRAMMED BETWEEN FINs. LINE D CONSTITUTES A LIMITATION ON OBLIGATIONS AUTHORIZED.

☐ FUNDS MAY BE REPROGRAMMED NOT TO EXCEED $\pm 10\%$ OF FIN LEVEL UP TO \$50K. LINE C CONSTITUTES A LIMITATION ON OBLIGATIONS AUTHORIZED.

STANDARD TERMS AND CONDITIONS PROVIDED DOE ARE CONSIDERED PART OF THIS ORDER UNLESS OTHERWISE NOTED.

ATTACHMENTS

THE FOLLOWING ATTACHMENTS ARE HEREBY MADE A PART OF THIS ORDER:

- ☒ STATEMENT OF WORK MODIFICATION
☐ ADDITIONAL TERMS AND CONDITIONS
☐ OTHER

SECURITY:

- ☒ WORK ON THIS ORDER IS NOT CLASSIFIED.
☐ WORK ON THIS ORDER INVOLVES CLASSIFIED INFORMATION. NRC FORM 187 IS ATTACHED.

REMARKS:

This order provides a modification to the BNL proposal dated October 4, 1983 and requests that an NRC Form 189 without attachments reflecting the modifications be submitted within 30 days to Ms. J. Halvorsen, NRR/DST with a copy provided to T. DiGaloma, NRR/PPAS.

After acceptance, please send to the Office of Resource Management, ATTN: D. Dandois, and provide a copy to the Office of Nuclear Reactor Regulation, ATTN: K. McGrath

ISSUING AUTHORITY

ACCEPTING ORGANIZATION

SIGNATURE

Themis P. Speis, Director

SIGNATURE

TITLE

TITLE
Division of Safety Technology

DATE

NRC FORM 173 (2-78)

MODIFICATION TO FIN A-3740 PROPOSAL

1. Revise Period of Performance as follows:

Completion Date: February 15, 1985

- 2, Revise Reporting Requirements to read as follows:

Task 1: Draft Report October 15, 1984

Task 3: Final Report 2 months after
receipt of NRC comments