

NRCPDR



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

JUN 27 1979

Mr. R. H. Bauer, Manager
Chicago Operations Office
U. S. Department of Energy
9800 South Cass Avenue
Argonne, Illinois 60439

Dear Mr. Bauer:

This memorandum provides guidance and funding to BNL to support the Division of Operating Reactors for evaluations of Inservice Testing Programs for operating nuclear power plants. The scope of this work and schedule are defined in the enclosure. The FY 1979 CH Financial Plan will include \$200,000, an increase of \$60,000 as of February 1, 1979, for this work under B&R 20 19 04 03 1, Fin A3117. This additional funding will be made available by transferring \$15,000 from BNL Fin A3106 and modifying FY 1979 CH Financial Plan to include an additional \$45,000.

Bimonthly progress reports containing technical achievements and financial status should be sent to this office. Enclosure 2 provides an estimated schedule for completing IST reviews.

The DOR Technical contact for overall technical management of this program is Alan Wang, who can be reached at 301-492-7110.

The enclosed NRC Form 173, Standard Order for DOE Work, for \$45,000 is hereby submitted in accordance with Section III.B.2 of the DOE/NRC Memorandum of Understanding of February 24, 1978. Please indicate DOE acceptance by signing and returning the enclosed NRC Form 173 to the NRC Office of the Controller, Division of Accounting, with a copy to the office of NRR, Attention R. Triplett.

D. Eisenhut

D. Eisenhut, Acting Director
Division of Operating Reactors
Nuclear Reactor Regulation

756 206

7908170
~~7908160~~ 166

SCOPE OF WORK

Technical Assistance on Inservice Testing Programs Review as required by 10 CFR 50.55 a(g).

BNL will provide technical assistance to the DOR staff in the review of Inservice Testing Program for pumps and valves as required by 10 CFR 50.55a(g). The review will include the reievew of proposed and updated programs for the following power stations:











Connecticut Yankee	Cooper
Indian Point 2	San Onofre
Three Mile Island	Kewaunee
Yankee Rowe	Browns Ferry 1, 2, 3
Fitzpatrick	Arkansas
Point Beach	Vermont Yankee
Pilgrim 1	

The program objective is to provide recommendations to the staff's evaluation of the licensee's proposed and periodically updated inservice testing program to assure compliance with the regulations.














The scope of the work includes:

- a) Evaluating the technical basis for relief from ASME Section XI Code requirements taken by the licensee that are determined to be impractical for his facility.
- b) Provide input for round one questions which will be transmitted to the licensee to request additional information.
- c) Evaluating the licensee's responses and participating in meetings with the NRC and the licensee to resolve further differences. This may involve trips to the plant or the NRC to have meetings with the licensee.
- d) Prepare a written input to the Safety Evaluation Report on the proposed inservice testing programs.
- e) In addition to the technical review, BNL will assist the staff in clarifying governing documents, in responding to ACRS requests for information and by appearing at hearings.

MILESTONES

TASK	DEC 78	MAR 79	JUN 79	
<p><u>Task 1</u></p> <p>1) Cooper 2) San Onofre 3) Three Mile Island 4) Kewaunee 5) Browns Ferry 6) Arkansas a) The SER's for the above are completed but need to be re-written in a different format.</p>				
<p><u>Task 2</u></p> <p>7) Connecticut Yankee a) Review IST submittal b) IST review session with licensee c) Complete SER for IST program</p>				
<p><u>Task 3</u></p> <p>8) Yankee Rowe a) Review IST submittal b) IST review session with licensee c) Complete SER for IST program</p>				
<p><u>Task 4</u></p> <p>9) Indian Point 2 a) Review IST submittal b) IST review session with licensee c) Complete SER for IST program</p>				

MILESTONES

TASK	DEC 78	MAR 79	JUN 79
<p><u>Task 5</u></p> <p>10) Fitzpatrick</p> <ul style="list-style-type: none"> a) Review IST submittal b) IST review session with licensee c) Complete SER for IST program 			
<p><u>Task 6</u></p> <p>11) Point Beach</p> <ul style="list-style-type: none"> a) Review IST submittal b) IST review session with licensee c) Complete SER for IST program 			
<p><u>Task 7</u></p> <p>12) Vermont Yankee</p> <ul style="list-style-type: none"> a) Review IST submittal b) IST review session with licensee c) Complete SER for IST program 			 
<p><u>Task 8</u></p> <p>13) Browns Ferry 2</p> <ul style="list-style-type: none"> a) Review IST submittal b) IST review session with licensee c) Complete SER for IST program 			
<p><u>Task 9</u></p> <p>14) Browns Ferry 3</p> <ul style="list-style-type: none"> a) Review IST submittal b) IST review session with licensee c) Complete SER for IST program 			

MILESTONES

TASK	DEC 78	MAR 79	JUNE 79
<p><u>Task 10</u></p> <p>15) Pilgrim 1</p> <ul style="list-style-type: none"> a) Review IST submittal b) IST review session with licensee c) Complete SER for IST program 			

756 210

STANDARD ORDER FOR DOE WORK

DATE
May 30, 1979

ISSUED TO: (DOE Office)
Chicago Operations Office

ISSUED BY: (NRC Office)
Office of Nuclear Reactor
Regulation

ACCOUNTING CITATION
APPROPRIATION SYMBOL

B&R NUMBER
20-19-04-0301

FIN NUMBER
A-3117

PERFORMING ORGANIZATION AND LOCATION
Brookhaven National Laboratory

WORK PERIOD - THIS ORDER
FIXED ESTIMATED
FROM: TO:
10/1/78 9/30/79

FIN TITLE
Inservice Testing Programs

OBLIGATION AVAILABILITY PROVIDED BY:

A. THIS ORDER	\$ 45,000
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	\$ 140,000
C. TOTAL ORDERS TO DATE (TOTAL A & B)	\$ 185,000
D. AMOUNT INCLUDED IN "C" APPLICABLE TO THE "FIN NUMBER" CITED IN THIS ORDER.	\$

FINANCIAL FLEXIBILITY:

- FUNDS WILL NOT BE REPROGRAMMED BETWEEN FINs. LINE D CONSTITUTES A LIMITATION ON OBLIGATIONS AUTHORIZED.
- FUNDS MAY BE REPROGRAMMED NOT TO EXCEED ± 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
 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:

*Transfer \$15,000 from A-3106 to A-3117

Topic	Old Fin #	Old Funding	New Funding
Corrosion & Cooling Chemistry	A-3106	175K	160K
ISI	A-3117	140K	200K

ISSUING AUTHORITY

ACCEPTING ORGANIZATION

SIGNATURE

SIGNATURE

TITLE

TITLE