



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

~~ARC-PDR~~
PDR
TERA

SEP 11 1979

MEMORANDUM FOR: G. Lainas, Chief, Plant Systems Branch; DOR
FROM: V. Panciera, Plant Systems Branch, DOR
SUBJECT: STATUS SHEETS FOR CONTRACTOR ASSISTANCE TASKS

Attached are updated sheets which give the present status of work being performed by contractors under our technical assistance program.

The next update (in October 1979) will include scheduled completion dates for contractor work to be accomplished during FY 1980.

V. Panciera

V. Panciera
Plant Systems Branch
Division of Operating Reactors

cc w/enclosure:
D. Eisenhut
B. Grimes
PSB Section Leaders
PSB Task Managers - Individual sheets
G. Zech
V. Panciera

1200 130

7910020602

ELECTRICAL INSTRUMENTATION AND CONTROL SYSTEM SUPPORT

Contractor - EG&G

PSB Task Manager - Paul Shemanski

Total Number of Licensing Or Generic Actions Assigned - 72

Total Number of Licensing Or Generic Actions To Be Completed

By EG&G in FY 79 - 22

Number Completed by Contractor - 12

PSB - 4

P.M. - 3

Total Planned Cost - \$115K

Funds Expended - 1st Quarter - \$11K; 2nd Quarter \$31K

To Date: 3rd Quarter - \$50K; 4th Quarter \$85K Estimate

I. Reactor Coolant System Overpressure Protection

Licensing Action	Completed By Contractor	Completed By PSB	Issued By P.M.
Surry 1	5/79C	8/79	
Surry 2	5/79C	8/79	
Turkey Point 3	5/79C	8/79	
Turkey Point 4	5/79C	8/79	
St. Lucie	5/79C	8/79	
Arkansas 1	8/79 10/79	8/79 11/79	
Crystal River 3	6/79C	6/79C	7/79C
Oconee 1	8/79 11/79	8/79 12/79	
Oconee 2	8/79 11/79	8/79 12/79	
Oconee 3	8/79 11/79	8/79 12/79	
Three Mile Island 1	7/79C	8/79 12/79	
Rancho Seco	8/79 12/79	8/79 1/80	

*N.S. - Not scheduled to be completed in FY 79.

II. Degraded Grid Voltage

Licensing Action	Completed By Contractor	Completed By PSB	Issued By PM
Beaver Valley	N.S.*		
Big Rock Point 1	N.S.		
Browns Ferry 1	N.S.		
Browns Ferry 2	N.S.		
Browns Ferry 3	N.S.		
Brunswick 1	N.S.		
Brunswick 2	N.S.		
D. C. Cook 1	N.S.		
Dresden 1	N.S.		
Dresden 2	N.S.		
Dresden 3	N.S.		
James A. FitzPatrick	8/79 10/79	9/79 11/79	
Hatch 1	9/79	9/79	
Indian Point 2	N.S.		
Indian Point 3	N.S.		
Kewaunee 1	N.S.		
LaCrosse	N.S.		
Maine Yankee	N.S.		
Monticello	9/79	9/79	
Oyster Creek	N.S.		
Palisades	N.S.		
Quad Cities 1	N.S.		
Quad Cities 2	N.S.		
Zion 1	N.S.		
Zion 2	N.S.		
Three Mile Island 1	N.S.		
Crystal River 3	N.S.		

III. RPS Power Supply

Licensing Action	Completed By Contractor	Completed By PSB	Issued By PM
Browns Ferry 1	9/79	9/79	
Browns Ferry 2	9/79	9/79	
Browns Ferry 3	9/79	9/79	
Brunswick 1	N.S.		
Brunswick 2	N.S.		
Cooper	N.S.		
Dresden 1	N.S.		
Dresden 2	N.S.		
Dresden 3	N.S.		
Duane Arnold	N.S.		
FitzPatrick	N.S.		
Hatch 1	7/79C	8/79C	
Monticello	N.S.		
Nine Mile Point	N.S.		
Pilgrim 1	N.S.		
Peach Bottom 2	N.S.		
Peach Bottom 3	N.S.		
Quad Cities 1	N.S.		
Quad Cities 2	N.S.		
Vermont Yankee	N.S.		
Big Rock Point	N.S.		
LaCrosse	N.S.		
Oyster Creek	N.S.		
Millstone 1	N.S.		

IV. SI Block

Robinson 2	9/79 C	9/79	
Surry 1	9/79	9/79	
Surry 2	9/79	9/79	
Turkey Point 3	9/79	9/79	
Turkey Point 4	9/79	9/79	

V. Inadvertent Safety Injection

Licensing Action	Completed By Contractor	Completed By PSB	Issued By PM
Salem	7/79 9/79	8/79 9/79	

VI. Containment Isolation

Big Rock Point 1	5/79C	6/79C	7/79C
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VII. Standby Gas Treatment

Browns Ferry	1/79C	1/79C	3/79C
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VIII. Tech. Spec. Change

St. Lucie 1	8/79C	9/79	
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ELECTRICAL, INSTRUMENTATION AND CONTROL SYSTEM SUPPORT

Contractor - LLL

PSB Task Manager - Paul Shemanski

Total Number of Licensing Or General Actions Assigned - 147

Total Number of Licensing Or Generic Actions To Be Completed

By LLL in FY 79 - 49

Number completed by Contractor - 20

PSB - 18

P.M. - 5

Total Planned Cost - \$497K

Funds Expended - 1st Quarter - \$90K ; 2nd Quarter - \$156K

To Date: 3rd Quarter - \$280K ; 4th Quarter - \$437K - Estimate

I. OverPressurization

Licensing Action	Completed By Contractor	Completed By PSB	Issued By PM
Millstone 2	6/78C	8/78C	3/79C
H. B. Robinson	6/78C	8/78C	
Haddam Neck	3/79C	8/79C	
Point Beach 1	3/79C	8/79C	
Point Beach 2	3/79C	8/79C	
Salem	3/79C	8/79C	
Maine Yankee	8/79C	8/79C	
Yankee Rowe	8/79C	8/79C	
Trojan	9/79 N.S.	9/79 N.S.	
Beaver Valley	9/79 N.S.	9/79 N.S.	
Kewaunee	8/79 9/79	9/79	
San Onofre	9/79	9/79	

* NS - Not schedule to be completed in FY 79.

II. Flooding

Licensing Action	Completed By Contractor	Completed By PSB	Issued By PM
Surry 1	NS*		
Surry 2	N.S.		
San Onofre 1	N.S.		
Yankee Rowe	N.S.		
Maine Yankee	N.S.		
Palisades	9/79	9/79	
Indian Point 2	N.S.		
Turkey Point 3	9/79C	9/79C	
Turkey Point 4	9/79C	9/79C	

III. Degraded Grid Voltage

Haddam Neck	9/79	9/79	
Ginna	9/79	9/79	
Millstone 1	N.S.		
Peach Bottom 2	N.S.		
Peach Bottom 3	N.S.		
Point Beach 1	9/79	9/79	
Point Beach 2	9/79	9/79	
Pilgrim 1	9/79	9/79	
San Onofre 1	N.S.		
Prairie Island 1	N.S.		
Prairie Island 2	N.S.		
Robinson 2	N.S.		
St. Lucie 1	N.S.		
Turkey Point 3	N.S.		
Turkey Point 4	N.S.		
Surry 1	N.S.		
Surry 2	N.S.		

III. Degraded Grid Voltage (cont.)

Licensing Action	Completed By Contractor	Completed By PSB	Issued By PM
Vermont Yankee	N.S.		
Yankee Rowe	N.S.		
Salem 1	N.S.		
Rancho Seco	N.S.		

IV. N-1 Loop Operation

Monticello	8/79 9/79	8/79 9/79	
Brunswick 2	9/79	9/79	
Vermont Yankee	N.S.		
Zion	N.S.		
Dresden 2	N.S.		
Beaver Valley	9/79	9/79	

V. Tech Spec Change - Deletion of Reactor Trip On Turbine Trip Below 50% Power

Prairie Island 1	1/79C	1/79C	3/79C
Prairie Island 2	1/79C	1/79C	3/79C
Beaver Valley	8/79C	9/79C	9/79C
J. M. Farley	8/79C	9/79C	9/79C

VI. ECCS Electrical Analysis

Prairie Island	N.S.		
BWR 3 - Generic	N.S.		

VII. End Of Cycle Reactor Pump Trip Circuitry

Licensing Action	Completed By Contractor	Completed By PSB	Issued By PM
Hatch 1	8/79 9/79	8/79 9/79	
Brunswick 2	8/79 9/79	8/79 9/79	
Brunswick 1	8/79 9/79	8/79 9/79	
Cooper	N.S.		
Dresden 1	N.S.		
Dresden 2	N.S.		
Dresden 3	N.S.		
Duane Arnold	N.S.		
FitzPatrick	N.S.		
Monticello	N.S.		
Nine Mile Point	N.S.		
Pilgrim 1	N.S.		
Peach Bottom 2	N.S.		
Peach Bottom 3	N.S.		
Quad Cities 1	N.S.		
Quad Cities 2	N.S.		
Vermont Yankee	N.S.		
Big Rock Point	N.S.		
LaCrosse	N.S.		
Oyster Creek	N.S.		
Millstone 1	N.S.		

VIII. Electrical Bypass Of Safety Actuation Signals To Containment Purge Valves

Point Beach 1	9/79	9/79	
Point Beach 2	9/79	9/79	
Kewaunee	9/79	9/79	

Licensing Action	Completed By Contractor	Completed By PSB	Issued By PM
Brunswick 1	9/79	9/79	
Brunswick 2	9/79	9/79	
Ft. Calhoun	9/79	9/79	
Oconee 1	9/79	9/79	
Oconee 2	9/79	9/79	
Oconee 3	9/79	9/79	
Peach Bottom 2	9/79	9/79	
Peach Bottom 3	9/79	9/79	
Cook 1	9/79	9/79	
Cook 2	9/79	9/79	
Ginna	N.S.		
Turkey Point 3	N.S.		
Turkey Point 4	N.S.		
Big Rock	N.S.		
Cooper	N.S.		
Crystal River 3	N.S.		
Browns Ferry 1	N.S.		
Browns Ferry 2	N.S.		
Zion 1	N.S.		
Zion 2	N.S.		
Quad Cities 1	N.S.		
Quad Cities 2	N.S.		
Farley	N.S.		
FitzPatrick	N.S.		
Hatch 1	N.S.		
Calvert Cliff 1	N.S.		
Calvert Cliff 2	N.S.		
Haddam Neck	N.S.		
Dresden 2	N.S.		
Dresden 3	N.S.		
Indian Point 2	N.S.		
Indian Point 3	N.S.		
Palisades	N.S.		
Prairie Island 1	N.S.		
Browns Ferry 3	N.S.		

Licensing Action	Completed By Contractor	Completed By PSB	Issued By PM
Prairie Island 2	N.S.		
San Onofre 1	N.S.		
Nine Mile Point	N.S.		
Oyster Creek	N.S.		
Pilgrim 1	N.S.		
Monticello	N.S.		
Humboldt Bay 3	N.S.		
Hatch 2	N.S.		
Dresden 1	N.S.		
St. Lucie 1	N.S.		
Rancho Seco	N.S.		
Salem	N.S.		
Arkansas 1	N.S.		
Davis Besse	N.S.		
Duane Arnold	N.S.		
Maine Yankee	N.S.		
Robinson 2	N.S.		
Trojan	N.S.		
Beavery Valley	N.S.		
Conn Yankee	N.S.		
North Anna	N.S.		
Surry 1	N.S.		
Surry 2	N.S.		
Yankee Rowe	N.S.		

VIII. Alternative To Key Lock Control Of Bypass Valve

Davis Besse 1	9/79 C	9/79 C	
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IX. Testing Of Noise Isolation In RPS and ESFAE

Davis Besse 2	9/79	9/79	1270 140
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X. Single Failure Evaluation Of Reactor Coolant Flow Sensing Lines

Licensing Action	Completed By Contractor	Completed By PSB	Issued By PM
Crystal River 3	N.S.		

XI. Tech. Spec. Changes

Big Rock Point	8/79 9/79	9/79	
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XII. On Call Assistance

Cable Leakage Time Ext. DBI	10/78C 6/79C	11/78C 6/79C	
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XIII. Steam Line Break Protection System

Beaver Valley	7/79 9/79	9/79	
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XIV. Diesel Generator Status Annunciators

Generic	9/79 C	9/79	
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XV. ATWS Recirculation Pump Trip

Generic	6/79C	8/79 C	
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XVI. LPRM Monitors

Generic	6/79C	8/79 9/79	
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STEAM GENERATOR WATERHAMMER

Contractor - EG&G

PSB Task Manager - Sam MacKay

Total Number of Licensing Actions Assigned To The Contractor - 22

Total Number of Licensing Actions To Be Completed By
EG&G In FY 1979 - 17

Total Planned Cost - 157K

Funds Expended - 1st Quarter - ; 2nd Quarter

To Date:

3rd Quarter - \$62K ; 4th Quarter - \$112K - Estimate

LICENSING ACTION	COMPLETED BY CONTRACTOR	COMPLETED BY PSB	ISSUED BY P.M.
Beaver Valley	12/78C	1/79C	2/79C
Cook 1	1/79C	1/79C	3/79C
Indian Point 2	1/79C	1/79C	7/79C
Salem	11/79C	1/79C	
Zion 1	4/79C	8/79 9/79	
Zion 2	4/79C	8/79 9/79	
Point Beach 1	6/79C	7/79 9/79	
Point Beach 2	6/79C	7/79 9/79	
Kewaunee	6/79C	7/79 9/79	
Turkey Point 3	<u>9/79</u>	10/79	
Turkey Point 4	9/79	10/79	
Prairie Island 1	7/79C	7/79 9/79	
Prairie Island 2	7/79C	7/79 9/79	
Conn. Yankee	9/79	10/79	
San Onofre 1	9/79	10/79	
Ginna	9/79	10/79	
Trojan	9/79	10/79	
Yankee Rowe	10/79	11/79	
Palisades	11/79	12/79	
Maine Yankee	11/79	12/79	
Millstone 2	11/79	12/79	
St. Lucie	10/79	11/79	

N.S. = Not scheduled to be completed by EG&G in FY 1979.

1270 142

INSERVICE TESTING PROGRAM

Contractor: BNL

PSB Task Manager - Allan Wang

Total Number of Licensing Actions Assigned To Contractor - 15

Total Number of Licensing Actions To Be Completed by BNL
in FY 79 - 7

Total Planned Cost - 200K

Funds Expended - 1st Quarter - ; 2nd Quarter -\$83K;

To Date: 3rd Quarter - ; 4th Quarter -\$200K - Estimate

LICENSING ACTION	COMPLETED BY CONTRACTOR	COMPLETED BY PSB	ISSUED BY P.M.
Arkansas 1	6/79C		
Conn. Yankee *	-8/79 10/79		
Cooper*	-7/79 9/79		
San Onofre 1*	-8/79 9/79		
Three Mile Island 1*	-9/79 10/79		
Kewaunee	-N-S- 10/79		
Browns Ferry 3	-8/79 9/79		
Indian Point 2.	-N-S- 10/79		
Yankee Rowe	9/79C		
FitzPatrick	-9/79 11/79		
Browns Ferry 1	-8/79 9/79		
Browns Ferry 2	-8/79 9/79		
Pilgrim 1	N-S- 10/79		
Point Beach 1	-N-S- 1/80		
Point Beach 2	-N-S- 1/80		

*Includes ISI review as well as IST review.

**NS - Not scheduled to be completed by BNL in FY 1979.

1200 143

OFFSITE POWER SYSTEM STUDY

Contractor - ORNL

PSB TASK MANAGER: M. Chiramal

TOTAL NUMBER OF GENERIC ACTIONS PLANNED FOR FY 1979 - 7

TOTAL PLANNED COST - 120K

FUNDS EXPENDED - 1st Quarter - \$37K ; 2nd Quarter - \$71K
To Date:

3rd Quarter - \$93K ; 4th Quarter - \$131K - Estimate

Generic Reports	Completed By Contractor	Completed By PSB
Task A - Evaluation of Failures of the entire offsite power system to determine systems designs in compliance with GDC-17.	7/79C	-----
Task B - Evaluation of loss of preferred offsite power systems to determine system designs in compliance with GDC-17	Cancelled	NA
Task C1 Loss of offsite power survey	Cancelled - DOR staff to accomplish	
Task C2 Determination of maximum frequency decay rate	12/78 C	-----
Task C3 Grid sensitivity matrix	7/79 C	-----
Task C4 Analytic program for determining alert conditions	8/79 C	-----
Task C5 Long range dynamic calcu- lations	4/79 C	-----
Task C6 Final report	9/79	*
* To be issued as a NUREG report.		

MARK I CONTAINMENT ASSESSMENT

CONTRACTOR - BNL

PSB TASK MANAGER - C. Grimes

TOTAL NUMBER OF GENERIC ACTIONS PLANNED FOR FY 1979 - 7

TOTAL PLANNED COST - 200K

FUNDS EXPENDED - 1st Quarter - ; 2nd Quarter - 107K
To Date: 3rd Quarter ; 4th Quarter - \$190K - Estimate

Generic Actions	Completed By Contractor	Completed By PSB
Task I 1/4 scale pool swell tests	6/79 C	<u>7/79C</u>
Task II Condensation Oscilla- tions	7/79 C	<u>8/79C</u>
Task III Pool Swell Studies	6/79 C	<u>6/79C</u>
Task IV Load Comparisons	6/79 C	<u>6/79C</u>
Task V Fluid-Structure inter- actions	7/79C	<u>7/79C</u>
Task VI Load Definition Report	7/79 9/79	-----
Task VII Summary Evaluation Report	9/79 10/79	*

* To be issued as a NUREG report.

FIRE PROTECTION PROGRAM REVIEW

Contractor - BNL

PSB Task Manager - Ernest Sylvester

Total Number of Licensing Actions Assigned to Contractor - 119

Total Number of Licensing Actions To Be Completed By BNL
in FY 1979 - 42

Number Completed By Contractor - 32
PSB - 32*
P.M. - 25

Total Planned Cost - 500K

Funds Expended - 1st Quarter - ; 2nd - 179K
To Date:
3rd Quarter - ; 4th Quarter - 480K - Estimate

I. Fire Protection SER's

LICENSING ACTION	COMPLETED BY CONTRACTOR	COMPLETED BY PSB	ISSUED BY P.M.
Beaver Valley	6/79C	I&E	6/79C
Big Rock Point	3/79C	3/79C	4/79C
Calvert Cliffs 1	6/79C	5/79C	
Calvert Cliffs 2	6/79C	5/79C	
Cooper	2/79C	I&E	5/79C
Crystal River 3	6/79C	I&E	7/79C
Dresden 1	6/79C	5/79C	5/79C
FitzPatrick	1/79C	1/79C	8/79C
Ginna	12/78C	12/78C	2/79C
Indian Point 2	12/78C	12/78C	1/79C
Indian Point 3	3/79C	12/78C	3/79C
LaCrosse	4/79C	3/79C	7/79C
Monticello	6/79C	5/79C	8/79C
Nine Mile Point	5/79C	I&E	7/79C
Peach Bottom 2	4/79C	3/79C	5/79C
Peach Bottom 3	4/79C	3/79C	5/79C
Point Beach 1	4/79C	1/78C	8/79C
Point Beach 2	4/79C	1/78C	8/79C
Prairie Island 1	6/79C	5/79C	9/79C
Prairie Island 2	6/79C	5/79C	9/79C

*Includes 5 plant reviews by I&E

LICENSING ACTION	COMPLETED BY CONTRACTOR	COMPLETED BY PSB	ISSUED BY P.M.
Quad Cities 1	4/79C	3/79C	7/79C
Quad Cities 2	4/79C	3/79C	7/79C
Saint Lucie 1	6/79 7/79C	I&E	8/79C
San Onofre 1	1/79C	12/78C	7/79C
Turkey Point 3	12/78C	8/78C	3/79C
Turkey Point 4	12/78C	8/78C	3/79C
Yankee Rowe	3/78C	1/78C	3/79C
Surry 1	8/79C	8/79C	
Surry 2	8/79C	8/79C	

II. Fire Protection Supplements

Brunswick 1	4/79C	4/79C	4/79C
Brunswick 2	4/79C	4/79C	4/79C
Trojan	*		
Kewaunee	*		
Indian Point 3	7/79 12/79		
Oyster Creek	*		
Big Rock Point	*		
Haddam Neck	8/79 9/79		
Millstone 1	9/79		
Maine Yankee	9/79		
H. B. Robinson	8/79 N.S.		
Palisades	N.S.		
Rancho Seco	N.S.		
Millstone 2	N.S. 9/79		
Vermont Yankee	N.S.		
Zion 1	N.S.		
Zion 2	N.S.		
Quad Cities 1	N.S.		
Quad Cities 2	N.S.		
Dresden 1	N.S.		
San Onofre 1.	N.S.		
Yankee Rowe	N.S.		
Duane Arnold	N.S.		
Dresden 2	6/79C	6/79C	
Dresden 3	6/79C	6/79C	

*To be done by DOR staff

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LICENSING ACTION	COMPLETED BY CONTRACTOR	COMPLETED BY PSB	ISSUED BY P.M.
Peach Bottom 2	N.S.		
Turkey Point 2	N.S.		
Turkey Point 3	N.S.		
Point Beach 1	N.S.		
Point Beach 2	N.S.		
Monticello	N.S.		
Prairie Island 1	N.S.		
Prairie Island 2	N.S.		
Surry 1	N.S.		
Surry 2	N.S.		
Ft. Calhoun	N.S.		
Three Mile Island 1	N.S.		
Three Mile Island 2	N.S.		
FitzPatrick	N.S.		
Calvert Cliffs 1	N.S.		
Calvert Cliffs 2	N.S.		
Ginna	N.S.		
LaCrosse	N.S.		
Peach Bottom 3	N.S.		

III. Fire Protection Design Reviews

Trojan	*		
Dresden 2	7/79 N.S.		
Dresden 3	7/79 N.S.		
Haddam Neck	8/79 9/79		
Millstone 1	9/79		
Maine Yankee	9/79		
H. B. Robinson	8/79 N.S.		
Kewaunee	N.S.		
Indian Point 3	N.S.		
Oyster Creek	N.S.		
Big Rock Point	N.S.		
Palisades	N.S.		
Rancho Seco	N.S.		

N.S. - Not scheduled to be completed by BNL in FY 1979.

* To be done by DOR staff

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LICENSING ACTION	COMPLETED BY CONTRACTOR	COMPLETED BY PSB	ISSUED BY P.M.
Arkansas 2	N.S.		
Arkansas 1	N.S.		
Indian Point 2	N.S.		
Oconee 1	N.S.		
Oconee 2	N.S.		
Oconee 3	N.S.		
Brunswick 1	N.S.		
Brunswick 2	N.S.		
Millstone 2	N.S. 9/79		
Vermont Yankee	N.S. 9/79		
Zion 1	N.S.		
Zion 2	N.S.		
Quad Cities 1	N.S.		
Quad Cities 2	N.S.		
Dresden 1	N.S.		
San Onofre	N.S.		
Yankee Rowe	N.S.		
Duane Arnold	N.S.		
Turkey Point 3	N.S.		
Turkey Point 4	N.S.		
Peach Bottom 2	N.S.		
Peach Bottom 3	N.S.		
Point Beach 1	N.S.		
Point Beach 2	N.S.		
Monticello	N.S.		
Prairie Island 1	N.S.		
Prairie Island 2	N.S.		
Surry 1	N.S.		
Surry 2	N.S.		
Ft. Calhoun	N.S.		
Three Mile Island 1	N.S.		
Three Mile Island 2	N.S.		
Pilgrim 1	N.S.		

N.S. = Not Scheduled to be completed by BNL in FY 1979

LICENSING ACTION	COMPLETED BY CONTRACTOR	COMPLETED BY PSB	ISSUED BY P.M.
FitzPatrick , Calvert Cliffs 1 Calvert Cliffs 2 Ginna LaCrosse	N.S. N.S. N.S. N.S. N.S.		

IV. Fire Protection - Items Deferred To SEP

Yankee Rowe Haddam Neck Millstone 1 LaCrosse Dresden 1 Dresden 2 San Onofre Ginna			
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N.S. - Not Scheduled to be completed by BNL in FY 1979.

1220 150

GENERIC ACTIONS	COMPLETED BY CONTRACTOR	COMPLETED BY FSB
A. <u>Acceptance Criteria</u>		
1. Safe Shutdown Capability		6/79C
2. Fire Brigade Size and Training		6/79C
3. Associated Non-Safety Circuits		9/79
4. Reactor Coolant Oil Collection System		9/79
5. Fire Retardants		12/79
6. Water Shields		12/79
7. In-Situ Testinf of Smoke Detection Systems		2/80
B. <u>Feedback Memos</u>		
1. Lessons Learned from the Application of Fire Protection Guidelines to Operating Reactors		10/79
2. Assessment of Fires Occurring At Operating Reactors		11/79
3. Assessment of the Use of Administrative Controls for Fire Protection In Lieu of Hardware Changes		11/79
C. <u>BNL Studies</u>		
1. Methodology of Manual Fire Fighting As Applied to Operating Nuclear Power Plants	8/79C	
D. <u>PSB Section C Studies</u>		
1. Monthly Licensee Reports		N.S.
2. LER's		N.S.
3. BWR Primary Containment Fire Protection		N.S.

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