

MAR 8 1982

The Honorable Alan K. Simpson, Chairman  
Subcommittee on Nuclear Regulation  
Committee on Environment and Public Works  
United States Senate  
Washington, DC 20510

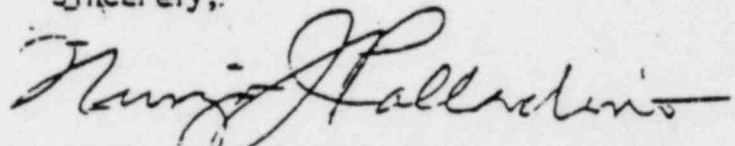
Dear Mr. Chairman:

This is our seventh joint monthly status report on emergency preparedness for nuclear power plants in response to your letter of June 8, 1981. This report responds to the questions posed in your letter and is current as of January 29, 1982.

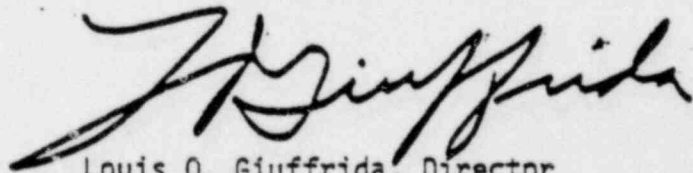
The report briefly describes the actions taken by our agencies to upgrade emergency preparedness at and around nuclear power plant sites. The report includes the latest schedules which our two agencies have discussed and a synopsis of the related actions which are involved. Our staffs will continue to work together to resolve any problems involving schedules.

Please notify us if you desire any additional information.

Sincerely,



Nunzio J. Palladino, Chairman  
U. S. Nuclear Regulatory Commission



Louis O. Giuffrida, Director  
Federal Emergency Management Agency

Enclosure:  
Joint Monthly Status Report

cc: The Honorable Gary Hart

ATTACHMENT C

ENCLOSURE 1

NRC/FEMA JOINT MONTHLY REPORT  
TO CONGRESS ON EMERGENCY PREPAREDNESS  
December 30, 1981 to January 29, 1982

This is the seventh monthly status report to Congress in response to the direction given in the June 8, 1981 letter from the Nuclear Regulation Subcommittee. This report provides the status of each agency's radiological emergency planning review and approval activities for nuclear power plants.

The report is organized in two parts. Part I was prepared by the NRC and responds to questions 1a, 2, 3a and 4 of the June 8, 1981 letter. Tables 1 and 2 provide the status of offsite and onsite emergency planning for applicants for an operating license. Table 3 provides the status of overall emergency planning for operating reactors. Table 4 describes NRC staffing levels. Part II was prepared by FEMA and responds to questions 1, 3, 4, 5, 6 and 7.

Decision and Hearing Dates are consistent with those reported to the House Appropriations Subcommittee on Energy and Water Development. They do not account for potential added impacts resulting from offsite emergency preparedness finding delays.

NRC and FEMA have identified 8 sites where findings on offsite preparedness may impact the licensing process. The potential delay due to the state of offsite emergency preparedness is 21 months.

The NRC scheduling assumption is that FEMA will provide findings and determinations that plans are adequate and that there is reasonable assurance that they can be implemented.

NRC is proposing to amend its regulations to provide that, for issuance of operating licenses authorizing only fuel loading and low power operation (up to 5% of rated power), no NRC or FEMA review, findings, and determinations concerning the state of or adequacy of offsite emergency preparedness shall be necessary. The NRC review of the onsite plan will include an assessment of those offsite elements which are necessary to evaluate the applicant's response mechanism. If adopted, the rule could eliminate some if not all review delays.

## PART I

### Background - Operating Reactors

The emergency preparedness rule that became effective November 3, 1980, required licensees to submit upgraded emergency plans by January 2, 1981; to submit emergency procedures to activate the plans by March 1, 1981; to have the emergency plans and procedures implemented by April 1, 1981; and to demonstrate that administrative and physical means have been established for alerting and providing prompt instructions to the public within the 10-mile plume exposure pathway emergency planning zone (EPZ) by July 1, 1981. (The Commission has recently revised the July 1, 1981 date to February 1, 1982). In addition, the emergency preparedness rule required the licensees, working with State and local governments, to implement an integrated upgraded emergency plan for the ingestion pathway EPZ out to the 50-mile radius around each operating nuclear power plant. Guidance for meeting the upgraded emergency preparedness requirements is provided in NUREG-0654/FEMA-REP-1, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants."

The NRC and the Federal Emergency Management Agency (FEMA) developed a Memorandum of Understanding (MOU) dated November 4, 1980, that describes each agency's responsibility for radiological emergency preparedness at and around nuclear power plants. According to the MOU, NRC and FEMA determine the adequacy of emergency preparedness by licensees and State and local governments, respectively. To make the respective determinations, NRC reviews licensee emergency plans, FEMA reviews the emergency plans of offsite authorities, and both observe and evaluate joint exercises conducted by licensees and by State and local government organizations. In addition, NRC performs onsite appraisals to evaluate the adequacy of licensees emergency preparedness programs. The NRC reviews the FEMA findings and determinations to ascertain the overall state of emergency preparedness.

The schedule projected for NRC to complete the review of the licensee plans and the onsite appraisals for all operating power reactors is about April 1, 1982. A joint exercise will also be observed at most sites by NRC and FEMA by about April 1, 1982. These joint exercises are being held to meet the present requirement in the emergency preparedness rule that, effective April 1, 1981, all operating reactors conduct annual exercises of their emergency plans.

## Background - Reactors Under Construction

The NRC rule (10 CFR 50.47 (a)) for emergency preparedness specified that NRC will issue no operating license (OL) until there is reasonable assurance that adequate measures can and will be taken to protect the public in the event of an emergency. This reasonable assurance must include the preparedness capabilities of both the licensees and State and local organizations.

In a memorandum of understanding with NRC, FEMA agreed to make findings and determinations on the adequacy of State and local emergency plans. FEMA also agreed to provide expert witnesses in NRC's licensing process. NRC agreed to review FEMA findings and determinations, and to make decisions on the overall state of emergency preparedness (i.e., integration of emergency preparedness onsite as determined by the NRC and offsite as determined by FEMA and reviewed by NRC) before issuing operating licenses.

There is concern that findings on offsite preparedness issues will not be available on a schedule that is compatible with the NRC licensing schedule. There is also concern that inadequate State and local plans, over which licensees have no direct control, could delay the issuance of operating licenses. In some cases, action by State legislatures has been necessary before the licensee, State, and local plans could be legally implemented in the State affected. Similar actions are pending in a few other cases. FEMA concurs with these statements and the schedules given in Table 1.

KEY TO TABLES

Table 1 - Status of Offsite Emergency Planning - Operating License Reviews

Table 2 - Status of Onsite Emergency Planning - Operating License Reviews

Table 3 - Status of Emergency Planning for Operating Reactors

Column 1 - Dates of licensee submittal of revised emergency plans per 10 CFR 50.54(u)

Column 2 - Dates of initial onsite visits by NRC staff to review and discuss licensee's emergency planning efforts

Column 3 - Dates of latest NRC action other than appraisal reviews for each nuclear power plant

Column 4 - Dates of scheduled start of 2-week onsite emergency preparedness appraisal to verify implementation of licensee's emergency program

Column 5 - Dates of issue of NRC report resulting from the onsite appraisal

Column 6 - Requested dates for FEMA to provide NRC with their finding on the status of preparedness in the environs of each operating nuclear power plant

Table 4 - NRC Staff Positions Assigned to Review Onsite Emergency Plans for Power Reactors at Regional and Headquarters Locations

STATUS OF OFFSITE EMERGENCY PLANNING

January 29, 1982

OPERATING LICENSE REVIEWS

FEMA REGION	FACILITY	ESTIMATED FEMA FINDING 1/	FEMA FINDING NEEDED 2/	OFFSITE EP POTENTIAL DELAY 3/ (MONTHS)	START OF HEARING 4/ 8/	COMMISSION DECISION 8/	PROPOSED INTERIM LICENSING LEGISLATION 5/		
							FEMA FINDING NEEDED 6/	OFFSITE EP DELAY 7/ (MONTHS)	APPL. CONST. COMPL.
III	Three Mile Island 9/	C	C	0	C	-	C	NA	NA
V	LaSalle	C*	C*	0	None	02/82	09/30/81	NA	02/82
IV	Grand Gulf	(03/01/82)*	11/15/81	0 12/	None	02/82	12/01/81	NA	03/82*
IX	Diablo Canyon 1	C	C*	0	C*	05/82	11/01/81	0	03/81
IX	Diablo Canyon 2	C	C*	0	C*	05/82	04/01/82	0	07/82
IV	Summer 1	C	C	0	C*	05/82	C	0	02/82
IV	Watts Bar 1	07/01/82	07/01/82	0	None	07/82*	07/01/82	NA	08/82
IX	San Onofre 2	C	C	0	C	03/82	C	0	01/82*
III	Susquehanna 1	(03/01/82)* 10/	10/01/81	0	C	05/82	01/01/82	0	07/82*
X	WNP-2	11/01/82	11/01/82	0	None	07/82	11/01/82	NA	12/82
IV,V	Zimmer 1	C*	C*	0	C*	07/82	04/01/82	0	07/82
V	Fermi 2	03/15/82*	01/01/82	11/ 2*	03/82	09/82	08/01/82	0	11/82
II	Shoreham 1	04/01/82*	12/01/81	11/ 5*	03/82	09/82	06/01/82	0	09/82
VII	Callaway 1	02/15/82*	01/01/82	11/ 2*	05/82* 15/	10/82	07/01/82	0	06/83
VI	Comanche Peak 1	07/01/82	11/01/81	11/ - 13/	C*	10/82	03/01/82	0	06/83
IV	St. Lucie 2	04/01/82	04/01/82	0	None	10/82	07/01/82	0	10/82
IX	Palo Verde 1	03/15/82	12/31/81	3	05/82	11/82	08/01/82	0	11/82
VI	Waterford 3	02/15/82*	10/01/81	0 14/	03/82	11/82	07/01/82	0	10/82
V	Clinton 1	05/18/82	03/28/82*	2*	08/82*	01/83	10/01/82	0	01/83
VII	Wolf Creek 1	05/30/82	05/30/82	0	10/82	04/83	01/01/83	0	12/83
V	Byron 1	07/22/82	03/30/82	4	08/82	04/83	01/01/83	0	04/83
V	Perry 1	09/01/82	06/30/82	2	11/82	05/83	02/01/83	0	05/83
V	Midland 2	07/30/82	06/30/82	1	11/82	07/83	04/01/83	0	07/83
IV	Catawba 1	09/30/82	09/30/82	0	02/83	08/83	05/01/83	0	08/83
VI	River Bend 1	11/29/82	11/29/82	0	04/83	10/83	07/01/83	0	04/85
I	Seabrook 1	10/30/82	10/30/82	0	03/83	11/83	08/01/83	0	11/83
VI	South Texas 1	08/01/83	08/01/83	0	01/84	07/84	04/01/84	0	07/84

TOTAL POTENTIAL OFFSITE EMERGENCY PLANNING DELAY

21\* 16/

0 17/

\*Change from previous report

- 1/ The FEMA Findings provided on the estimated dates indicated are generally based on a determination of the adequacy of plans. Licenses will be appropriately conditioned in those cases where FEMA has not approved the offsite preparedness for a particular site. Dates in parentheses are for supplemental information to FEMA Findings previously provided.
- 2/ Generally 5 months prior to a hearing except in those cases where hearings are scheduled in the near term and based on discussions with the ASLB Panel. Dates in parentheses are for supplemental FEMA Findings. In cases where there is no hearing, the dates are based on the applicants Construction Completion Date.
- 3/ The delay is determined as the difference between FEMA FINDING NEEDED and ESTIMATED FEMA FINDING and is in addition to any delays estimated in the report to the House Appropriations Subcommittee on Energy and Water Development.
- 4/ In hearings where emergency preparedness is contested, testimony from FEMA is needed approximately 45 days prior to Start of Hearing.
- 5/ Proposed legislation would allow the Commission to issue an interim OL prior to the ASLB rendering a decision providing that no significant safety items are unresolved.
- 6/ Generally 3 months prior to the Construction Completion Date except in those cases where construction completion is scheduled in the Near Term. Dates in parentheses are for Supplemental FEMA Findings.
- 7/ The delay is determined as the difference between the adjacent FEMA FINDING NEEDED column and ESTIMATED FEMA FINDING column.
- 8/ Dates are consistent with those reported to the House Appropriations Subcommittee on Energy and Water Development. The dates do not account for potential added impacts resulting from Offsite EP Finding Delays.
- 9/ TMI is not an OL case. Evaluation of preparedness adequacy required for restart proceedings.
- 10/ FEMA provided conclusions on contentions at Susquehanna ASLB hearing. Board has closed record. Interim FEMA finding on local plans furnished.

Table 1

January 29, 1982

- 11/ Dates are different from SSER dates for other subjects based on discussions with the ASLB Panel.
- 12/ Delay of Commission Decision Date but not of Fuel Load Date.
- 13/ Potential impact on Commission Decision, but not on Fuel Load Date.
- 14/ ASLB Panel indicates that the schedule for the FEMA Finding will not cause a delay in the hearing.
- 15/ Hearing completed except for emergency preparedness issues.
- 16/ Commissioner Bradford notes that the applicants' projected dates for completion of construction and fuel loading have generally proven unreliable. In addition, he does not agree with the assumption that a full 5 months is required between receipt of the FEMA findings and the commencement of DL hearings. Consequently these estimates do not provide a reliable basis for major legislative changes in the Commission's licensing process. The pitfalls inherent in relying on these figures are amply illustrated by the fact that approximately 100 "delay months" projected by the House Appropriations Subcommittee on Energy and Water Development on the basis of similar figures have now dwindled to less than 2, and are still declining.
- 17/ Commissioner Ahearne believes the table should also reflect the potential reduction in delay from a proposed rule which was issued by the Commission in December 1981 (46 FR 61132). This proposed rule would allow issuance of fuel loading and low power licenses (up to 5 percent of rated power) without FEMA findings and without determinations concerning adequacy of off-site emergency preparedness. This should decrease the potential added delay due to off-site emergency preparedness without the necessity for legislation.



Table 2

January 29, 1982

STATUS OF ONSITE EMERGENCY PLANNINGOPERATING LICENSE REVIEWS

FACILITY	STATES WITHIN 10 MILE EPZ	ONSITE APPRAISAL 1/	FULLSCALE EXERCISE 2/	COMMISSION DECISION 3/	CONSTRUCTION COMPLETED 3/
Three Mile Island 4/	PA	C	06/02/81C	-	NA
LaSalle	IL	C	12/08/80C	02/82	02/82
Grand Gulf	MS, LA	C* 5/	11/03/81C	02/82	03/82*
Diablo Canyon 1	CA	12/07/81C*	08/19/81C	05/82	03/81
Diablo Canyon 2	CA	12/07/81C*	08/19/81C	05/82	07/82
Summer 1	SC	C	05/01/81C	05/82	02/82
Watts Bar	TN	07/82*	08/82	07/82*	08/82
San Onofre 2	CA	C	05/13/81C	03/82	01/82*
Susquehanna	PA	04/82*	03/17/82	05/82	07/82*
WNP-2	WA	Not Scheduled	Not Scheduled	07/82	12/82
Zimmer 1	OH, KY	Not Scheduled	11/18/81C	07/82	07/82
Fermi 2	MI	Not Scheduled	02/01/82	09/82	11/82
Shoreham 1	NY	Not Scheduled	06/16/82	09/82	09/82
Callaway 1	MO	Not Scheduled	Not Scheduled	10/82	06/83
Comanche Peak 1	TX	Not Scheduled	Not Scheduled	10/82	06/83
St. Lucie 2	FL	Not Scheduled	02/11/82	10/82	10/82
Palo Verde 1	AZ	Not Scheduled	Not Scheduled	11/82	11/82
Waterford 3	LA	Not Scheduled	Not Scheduled	11/82	10/82
Clinton 1	IL	Not Scheduled	Not Scheduled	01/83	01/83
Wolf Creek 1	KS	Not Scheduled	Not Scheduled	04/83	12/83
Byron 1	IL	Not Scheduled	Not Scheduled	04/83	04/83
Perry 1	OH	Not Scheduled	Not Scheduled	05/83	05/83
Midland 2	MI	12/82*	Not Scheduled	07/83	07/83
Catawba 1	SC, NC	Not Scheduled	Not Scheduled	08/83	08/83
River Bend 1	LA	Not Scheduled	Not Scheduled	10/83	04/85
Seabrook 1	NH, MA	Not Scheduled	Not Scheduled	11/83	11/83
South Texas 1	TX	Not Scheduled	Not Scheduled	07/84	07/84

\*Change from previous report

- 1/ Start date for two week onsite Emergency Preparedness Appraisal.
- 2/ Full scale exercise of applicant, State and supporting local government to demonstrate preparedness.
- 3/ Dates are consistent with those reported to the House Appropriations Subcommittee on Energy and Water Development.
- 4/ TMI is not an NTOL. Evaluation of preparedness adequacy required for restart proceedings.
- 5/ Additional onsite appraisal effort required.

Table 3

January 29, 1982

## STATUS OF EMERGENCY PLANNING FOR OPERATING REACTORS

SITE	1 EMERGENCY PLAN SUBMITTAL DATE	2 INITIAL SITE VISIT	3 LAST STAFF COMMENT DATE	4 SCHEDULED APPRAISAL DATE	5 SCHEDULED REPORT COMPLETION DATE	6 DATE FOR FEMA FINDING 1/
Arkansas	02/06/81 Rev 07/01/81	11/08/79	03/81 EX	08/03/81C	01/29/82C*	01/27/82C*
Beaver Valley	01/07/81 Rev 11/16/81	10/03/79	11/80 Qs	10/05/81C	02/12/82*	04/01/82*
Big Rock Point	01/06/81	09/19/79	09/19/79 SV	11/30/81C	01/28/82C*	03/05/82
Browns Ferry	01/14/81 Rev 03/20/81	05/24/80	05/24/80 SV	07/13/81C	11/06/81C	02/15/82
Brunswick	01/06/81 Rev 03/30/81	03/25/80	08/04/81 Qs	10/13/81C	01/11/82C*	02/01/82
Calvert Cliffs	01/06/81 Rev 08/27/81	02/27/80	10/80 Qs	10/05/81C	03/31/82*	03/01/82
Cook	01/30/81	09/20/79	10/15/81 P	03/15/82	04/82	03/01/82*
Cooper	01/14/81 Rev 04/01/81	11/26/79	11/26/79 SV	06/15/81C	10/15/81C	04/01/82
Crystal River	12/31/80 Rev 10/28/81*	01/30/80	01/30/80 SV	08/17/81C	12/21/81C*	04/01/82
Davis Besse	01/08/81	02/20/80	02/20/80 SV	02/08/82	03/82	03/01/82*
Dresden	01/08/81	11/02/79	12/14/81 P	11/02/81C	12/14/81C	04/01/82
Duane Arnold	01/12/81 Rev 03/17/81	04/14/80	11/12/81 P	09/08/81C	11/12/81C	04/01/82
Farley	10/28/80 Rev 04/07/81	03/24/80	03/06/81 SER	09/21/81C	11/13/81C*	03/11/81C
Fitzpatrick	01/08/81 Rev 04/10/81	03/13/80	03/13/80 SV	02/16/82	04/82	10/23/81C
Fort Calhoun	01/08/81 Rev 10/15/81	11/29/79	07/22/81 EX	12/07/81C	03/19/82*	03/01/82

Table 3

January 29, 1982

SITE	1 EMERGENCY PLAN SUBMITTAL DATE	2 INITIAL SITE VISIT	3 LAST STAFF COMMENT DATE	4 SCHEDULED APPRAISAL DATE	5 SCHEDULED REPORT COMPLETION DATE	6 DATE FOR FEMA FINDING 1/
Fort St. Vrain	03/20/81	05/24/80	08/12/81 EX	01/04/82C*	02/15/82	01/29/82C*
Ginna	04/01/81	03/10/80	03/10/80 SV	11/02/81C	02/26/82*	02/22/82
Haddam Neck (Conn Yankee)	02/20/81	03/31/80	04/14/80 Qs	11/09/81C	04/82*	04/01/82
Hatch	01/02/81	04/24/80	04/24/80 SV	12/07/81C	02/12/82*	05/05/81C
Indian Point 2 & 3	2 01/14/81	09/17/79	08/21/81 P	05/11/81C	08/24/81C	04/01/82
	3 01/06/81	09/17/79	11/19/81 P	05/11/81C	11/19/81C	04/01/82
Kewaunee	01/12/81	04/21/80	10/29/81 P	06/08/81C	10/29/81C	03/01/82
	Rev 12/01/81					
LaCrosse	04/02/81	11/01/79	10/29/81 P	07/13/81C	10/29/81C	04/01/82
Maine Yankee	01/06/81	04/20/80	05/13/80 Qs	09/08/81C	02/17/82*	01/29/82C*
	Rev 04/15/81					
McGuire	01/19/81	06/16/80	04/81 SER	03/01/82*	04/23/82	06/04/81C
	Rev 11/16/81*					
Millstone	02/20/81	03/24/80	04/15/80 Qs	01/04/82C*	04/82*	04/01/82*
Monticello	02/20/81	02/05/80	02/05/80 SV	03/15/82	04/23/82	03/23/82
Nine Mile Point	01/06/81	03/13/80	03/13/80 SV	08/17/81C	02/17/82*	10/20/81C
North Anna	08/06/80	10/18/79	10/18/79 SV	02/16/82	04/82	08/19/80C
Oconee	01/14/81	02/20/80	02/20/80 SV	08/24/81C	12/31/81C*	04/01/82
	Rev 12/31/81*					
Oyster Creek	01/13/81	04/07/80	04/07/80 SV	01/04/82C*	02/22/82	04/01/82

\*Change from previous report

Table 3

January 29, 1982

SITE	1 EMERGENCY PLAN SUBMITTAL DATE	2 INITIAL SITE VISIT	3 LAST STAFF COMMENT DATE	4 SCHEDULED APPRAISAL DATE	5 SCHEDULED REPORT COMPLETION DATE	6 DATE FOR FEMA FINDING 1/
Palisades	01/19/81	01/16/80	12/13/81 P*	09/21/81C	12/03/81C	09/18/81C
Peach Bottom	01/08/81 Rev 11/25/81	05/05/80	05/05/80 SV	12/07/81C	02/08/82	05/29/82
Pilgrimage	01/08/81	09/28/79	09/28/79 SV	07/13/81C	03/19/82*	04/01/82
Point Beach	01/19/81 Final 03/31/81	05/05/80	05/05/80 SV	01/04/82C*	02/16/82	03/15/82
Prairie Island	02/13/81	02/04/80	11/03/80 Qs	11/02/81C	12/17/81C	03/01/82*
Quad Cities	01/08/81	10/30/79	05/20/81 EX	01/18/82C*	02/22/82	03/01/82
Rancho Seco	12/02/80 Rev 04/16/81	03/13/80	03/13/80 SV	06/22/81C	11/05/81C	04/01/82
Robinson	01/06/81	04/24/80	03/81 EX	01/25/82*	04/82	12/29/81C
Salem	09/05/80 Rev 01/06/81	10/11/79	05/19/81 P	03/23/81C	05/19/81C	04/24/81C
San Onofre	01/06/81 Final 02/04/81	09/28/79	05/13/81 EX	10/26/81C	02/19/82*	06/11/81C
Sequoyah	01/09/81 Rev 04/16/81	10/16/79	08/20/81 P	05/04/81C	08/20/81C	08/07/80C
St. Lucie	01/08/81 Rev 10/26/81*	11/08/79	12/11/81 P	06/08/81C	12/11/81C	03/15/82
Surry	01/06/81 Rev 04/16/81	03/17/80	11/02/80 Qs	03/15/82	04/82	03/01/82
Three Mile Island						
Unit 1	Rev 01/09/81	09/27/79	06/02/81 EX	07/13/81C	02/15/82*	09/18/81C
Unit 2	01/14/81	09/27/79	09/81 Qs	07/13/81C	02/15/82*	09/18/81C

\*Change from previous report

Table 3

SITE	1 EMERGENCY PLAN SUBMITTAL DATE	2 INITIAL SITE VISIT	3 LAST STAFF COMMENT DATE	4 SCHEDULED APPRAISAL DATE	5 SCHEDULED REPORT COMPLETION DATE	6 DATE FOR FEMA FINDING 1/
Trojan	12/31/80	10/24/79	12/02/80 SER 03/81 EX	02/22/82*	03/82	03/01/82
Turkey Point	01/08/81	02/25/80	02/07/81 Os	10/26/81C	02/03/82	04/01/82*
Vermont Yankee	01/19/81	02/19/80	02/80 Qs	03/15/82	04/82	04/01/82
Yankee Rowe	01/19/81 Final 04/16/81	02/12/80	02/80 Qs	12/07/81C	04/16/82*	04/01/82
Zion	01/08/81	11/01/79	08/26/81 P	06/29/81C	08/26/81C	04/01/82

KEY:

REV Revised Emergency Plan  
SER Safety Evaluation Report  
SSER Supplement to SER  
Qs Questions on plan sent to licensee  
EX Exercise  
SV Site Visit by EP Review Team  
C Completed  
P Emergency Plan Evaluation sent to licensee with deficiencies noted

1/ These dates are based on FEMA reviewing a preliminary plan and evaluating an exercise for the site. \*  
A written exercise evaluation report will be submitted after the exercise.

\*Change from previous report

NRC STAFF POSITIONS ASSIGNED TO REVIEW  
ONSITE EMERGENCY PLANS FOR POWER REACTORS  
AT REGIONAL AND HEADQUARTERS LOCATIONS

	<u>PSP*</u>	<u>TOTAL**</u>
Headquarters	17	25
Region I	8	10.5
Region II	5	9
Region III	4	7
Region IV	1	1.5
Region V	<u>2</u>	<u>2.5</u>
TOTALS	37	55.5

\*Professional Staff Positions

\*\*Includes Supervisory and Clerical Support

## Part II

### Index of Material Supplied by FEMA

- Table I - Summary of pertinent plans and principal milestones (Response to questions 1.a, b, c, d, e, and 3.a, b, c, d, e and f).
- Table II - Status of effort to obtain plans in support of plants licensed to operate. (Response to question 1.f.)
- Table III - Cause of delays and measures that can be and are being taken to reduce delays in receipt of plans which are impacting the licensing process. (Response to question 3.g.)
- Table IV - Summary of FEMA staff effort assigned to the REP activity. (Response to question 4.)
- Table V - Instances of Federal agencies providing less than full support to RAC reviews of plans and preparedness. (Response to question 5.)
- Table VI - Instances of State and local government reluctance to submit plans. (Response to question 6.)
- Table VII - Instances of State and local governments making plans contingent on financial commitments of the utility. (Response to question 7.)



PART II  
TABLE I

SUMMARY OF PERTINENT PLANS  
AND PRINCIPAL MILESTONES  
(CONGRESS REPORT)

SECTION	PAGE
DESCRIPTION OF PRINCIPAL DATA FIELDS	1
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- \* AFTER THE PLAN IDENTIFICATION INDICATES THE LEAD STATE.
- \* INDICATES THAT SITE IMPACTS MULTIPLE STATES IN 10 MILE EPZ.
- \* INDICATES THAT SITE IMPACTS THE STATE ONLY IN 50 MILE EPZ.

(UC) INDICATES A SITE WITH FIRST UNIT UNDER CONSTRUCTION.  
(U) INDICATES A UNIT UNDER CONSTRUCTION ON AN OPERATING SITE.  
(PL) INDICATES A SITE WITH FIRST UNIT STILL PLANNED.

- \* AFTER ANY DATE INDICATES IT WAS PROJECTED BUT WAS NOT SATISFIED.
- AFTER ANY DATE INDICATES THAT IT IS DUE WITHIN 30 DAYS.
- P AFTER FINAL FINDING INDICATES AN ARBITRARY 1 MONTH PROJECTION FROM 'READY FOR HEADQUARTERS'.

ANY DATE SUCH AS 8/ 0/82 INDICATES A SPECIFIC DAY HAS NOT BEEN SELECTED.

**FORMAL SUBMISSION** refers to the date of the official submission by the governor, or his designated representative, as defined in 44 CFR 350.7 (proposed). Preliminary drafts may already have been provided for review on an informal basis.

**JOINT EXERCISE** refers to the date of an exercise, as defined in 44 CFR 350.9 (proposed), in which both the utility and the governments participate and in which most of the major elements in the plan are exercised. Where this date is at least a year later than the date of the formal submission and/or public meeting date, it is the date of the second annual exercise of the plans.

**PUBLIC MEETING** refers to the date of a pre-announced meeting held in the vicinity of the plant, as discussed in CFR 350.10. The meeting is designed to inform the populace about the plans for emergency response and is normally conducted by the State.

**READY FOR HEADQUARTERS** is the date on which the FEMA Regional Director completes his evaluation (see 44 CFR 350.11) of State and local plans and preparedness around the site and forwards it to FEMA Headquarters for review.

**NRC REQUESTED DATE** is the date by which the NRC requires from FEMA either a final finding and determination if available, or if not available, an interim status report. These dates are updated in negotiations between NRC and FEMA.

**INTERIM FINDING** is the date on which FEMA has or intends to provide a partial report to NRC.

(a) In the case of off-site plans relating to a plant licensed to operate, the status will be reported primarily on the results of a joint exercise.

(b) In the case of off-site plans relating to a plant not yet licensed to operate, the finding will be limited to the RAC review of the latest State and local off-site plans or a status report where plans are not available.

**FINAL FINDING** is the date on which FEMA has provided or intends to provide a formal finding and determination in accordance with 44 CFR 350.12 (proposed). Lack of either a final or interim finding date for a State plan followed by a '\*' will not delay a FEMA formal finding. The '\*' indicates that the only planning elements required are those related to the ingestion pathway. While this will be discussed in the final finding, it would not preclude FEMA from making a final finding.

**HEARING DATE** and **LICENSE DATE** reflect current information being furnished by NRC in their monthly report to Representative Tom Bevill, Chairman, House Appropriations Subcommittee on Energy and Water Development.



STATUS OF OFF-SITE PLANS FOR ALL NUCLEAR POWER PLANTS

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STATE	PLAN IDENTIFICATION	FORMAL SUBMISSION	JOINT EXERCISE	PUBLIC MEETING	READY FOR HEADQTRS.	NRC REQUESTED DATE*	INTERIM FINDING	FINAL FINDING	HEARING DATE	LICENSE DATE
OK	WAGONER CO PLAN FOR BLACK FOX (PL)									
IL	STATE PLAN FOR BRAIDWOOD (UC) *								10/ 0/84	4/ 0/85
IL	GRUNDY CO PLAN FOR BRAIDWOOD (UC)									
IL	WILL CO PLAN FOR BRAIDWOOD (UC)									
IN	STATE PLAN FOR BRAIDWOOD (UC) *									
AL	STATE PLAN FOR BROWNS FERRY *	11/ 1/80	9/ 0/82	9/ 8/81	3/ 1/82-	4/ 1/82	2/15/82	4/ 1/82P		
AL	LIMESTONE CO PLAN FOR BROWNS FERRY	11/ 1/80	9/ 0/82	9/ 8/81	3/ 1/82-					
AL	LAWRENCE CO PLAN FOR BROWNS FERRY	11/ 1/80	9/ 0/82	9/ 8/81	3/ 1/82-					
AL	MORGAN CO PLAN FOR BROWNS FERRY	11/ 1/80	9/ 0/82	9/ 8/81	3/ 1/82-					
AL	LAUDERDALE CO PLAN FOR BROWNS FERRY	11/ 1/80	9/ 0/82	9/ 8/81	3/ 1/82-					
TN	STATE PLAN FOR BROWNS FERRY *									
NC	STATE PLAN FOR BRUNSWICK *	7/15/81	8/ 0/82	8/20/81	11/13/81	4/ 1/82	2/ 1/82	4/ 1/82		
NC	BRUNSWICK CO PLAN FOR BRUNSWICK	7/15/81	8/ 0/82	8/20/81	11/13/81					
NC	NEW HANOVER CO PLAN FOR BRUNSWICK	7/15/81	8/ 0/82	8/20/81	11/13/81					
SC	STATE PLAN FOR BRUNSWICK *									
IL	STATE PLAN FOR BYRON (UC) *	1/15/83	8/ 0/82	8/ 0/82	1/31/83	3/30/82	7/22/82	2/31/83P	8/ 0/82	4/ 0/83
IL	OGLE CO PLAN FOR BYRON (UC)	1/15/83	8/ 0/82	8/ 0/82	1/31/83					
IL	WINNEBAGO CO PLAN FOR BYRON (UC)	1/15/83	8/ 0/82	8/ 0/82	1/31/83					
WI	STATE PLAN FOR BYRON (UC) *									
MO	STATE PLAN FOR CALLAWAY (UC) *	9/ 0/82	12/ 0/82	8/ 0/82	2/ 0/83	1/ 1/82	2/15/82*	3/ 0/83P	5/ 0/82	10/ 0/82
MO	CALLAWAY CO PLAN FOR CALLAWAY (UC)	9/ 0/82	12/ 0/82	8/ 0/82	2/ 0/83					
MO	MONTGOMERY CO PLAN FOR CALLAWAY (UC)	9/ 0/82	12/ 0/82	8/ 0/82	2/ 0/83					
MO	GASCONADE CO PLAN FOR CALLAWAY (UC)	9/ 0/82	12/ 0/82	8/ 0/82	2/ 0/83					
MO	OSAGE CO PLAN FOR CALLAWAY (UC)	9/ 0/82	12/ 0/82	8/ 0/82	2/ 0/83					
DC	STATE PLAN FOR CALVERT CLIFFS *									
MD	STATE PLAN FOR CALVERT CLIFFS *	4/ 1/82	11/17/81	3/15/82-	5/ 1/82	4/ 1/82	3/ 1/82-	6/ 1/82P		
MD	CALVERT CO PLAN FOR CALVERT CLIFFS	4/ 1/82	11/17/81	3/15/82-	5/ 1/82					
MD	ST MARYS CO PLAN FOR CALVERT CLIFFS	4/ 1/82	11/17/81	3/15/82-	5/ 1/82					
MD	DORCHESTER CO PLAN FOR CALVERT CLIFFS	4/ 1/82	11/17/81	3/15/82-	5/ 1/82					
VA	STATE PLAN FOR CALVERT CLIFFS *									
NC	STATE PLAN FOR CATAWBA (UC) *		9/ 0/82	9/ 0/82		9/30/82	9/30/82		2/ 0/83	8/ 0/83
NC	MECKLENBERG CO PLAN FOR CATAWBA (UC)		9/ 0/82	9/ 0/82						
NC	GASTON CO PLAN FOR CATAWBA (UC)		9/ 0/82	9/ 0/82						
SC	STATE PLAN FOR CATAWBA (UC) * *		9/ 0/82	9/ 0/82		9/30/82	9/30/82		2/ 0/83	8/ 0/83

STATUS OF OFF-SITE PLANS FOR ALL NUCLEAR POWER PLANTS

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STATE	PLAN IDENTIFICATION	FORMAL SUBMISSION	JOINT EXERCISE	PUBLIC MEETING	READY FOR HEADQTRS.	NRC REQUESTED DATE	INTERIM FINDING	FINAL FINDING	HEARING DATE	LICENSE DATE
SC	YORK CO PLAN FOR CATAWBA (UC)		9/ 0/82	9/ 0/82						
SC	LANCASTER CO PLAN FOR CATAWBA (UC)		9/ 0/82	9/ 0/82						
NC	STATE PLAN FOR CHEROKEE (UC) *									
SC	STATE PLAN FOR CHEROKEE (UC) *									
SC	CHEROKEE CO PLAN FOR CHEROKEE (UC)									
SC	YORK CO PLAN FOR CHEROKEE (UC)									
NC	STATE PLAN FOR CLINCH RIVR (PL) *									
TN	STATE PLAN FOR CLINCH RIVR (PL) *									
TN	ROANE CO PLAN FOR CLINCH RIVER (PL)									
TN	LOUDON CO PLAN FOR CLINCH RIVER (PL)									
TN	KNOX CO PLAN FOR CLINCH RIVER (PL)									
TN	ANDERSON CO PLAN FOR CLINCH RIVER (PL)									
IL	STATE PLAN FOR CLINTON (UC) *	1/ 0/83	10/ 0/82	10/ 0/82	3/ 0/83	3/28/82	5/18/82	4/ 0/83P	8/ 0/82	1/ 0/83
IL	DEWITT CO PLAN FOR CLINTON (UC)	1/ 0/83	10/ 0/82	10/ 0/82	3/ 0/83					
IL	MACON CO PLAN FOR CLINTON (UC)	1/ 0/83	10/ 0/82	10/ 0/82	3/ 0/83					
IL	MCLEAN CO PLAN FOR CLINTON (UC)	1/ 0/83	10/ 0/82	10/ 0/82	3/ 0/83					
IL	PIATT CO PLAN FOR CLINTON (UC)	1/ 0/83	10/ 0/82	10/ 0/82	3/ 0/83					
TX	STATE PLAN FOR COMANCHE P. (UC) *	4/ 0/82	1/ 0/83	7/ 0/82	3/ 0/83		7/ 1/82	4/ 0/83P	12/ 2/81	10/ 0/82
TX	HOOD CO PLAN FOR COMANCHE PEAK (UC)	4/ 0/82	1/ 0/83	7/ 0/82	3/ 0/83					
TX	SOMERVELL CO PLAN FOR COMANCHE PEAK (UC)	4/ 0/82	1/ 0/83	7/ 0/82	3/ 0/83					
CT	STATE PLAN FOR CONN. YANKEE *	9/ 4/81	2/ 6/82*	4/ 0/82	4/ 0/82	4/ 1/82	4/ 1/82	5/ 0/82P		
CT	CHESTER PLAN FOR CONNECTICUT YANKEE	9/ 4/81	2/ 6/82	4/ 0/82	4/ 0/82					
CT	COLCHESTER PLAN FOR CONNECTICUT YANKEE	9/ 4/81	2/ 6/82*	4/ 0/82	4/ 0/82					
CT	DEEP RIVER PLAN FOR CONNECTICUT YANKEE	9/ 4/81	2/ 6/82	4/ 0/82	4/ 0/82					
CT	DURHAM PLAN FOR CONNECTICUT YANKEE	9/ 4/81	2/ 6/82*	4/ 0/82	4/ 0/82					
CT	EAST HADDAM PLAN FOR CONNECTICUT YANKEE	9/ 4/81	2/ 6/82	4/ 0/82	4/ 0/82					
CT	EAST HAMPTON PLAN FOR CONNECTICUT YANKEE	9/ 4/81	2/ 6/82	4/ 0/82	4/ 0/82					
CT	HADDAM PLAN FOR CONNECTICUT YANKEE	9/ 4/81	2/ 6/82*	4/ 0/82	4/ 0/82					
CT	KILLINGWORTH PLAN FOR CONNECTICUT YANKEE	9/ 4/81	2/ 6/82*	4/ 0/82	4/ 0/82					
CT	HARLBOROUGH PLAN FOR CONNECTICUT YANKEE	9/ 4/81	2/ 6/82	4/ 0/82	4/ 0/82					
CT	MIDDLETOWN PLAN FOR CONNECTICUT YANKEE	9/ 4/81	2/ 6/82	4/ 0/82	4/ 0/82					

STATUS OF OFF-SITE PLANS FOR ALL NUCLEAR POWER PLANTS

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STATE	PLAN IDENTIFICATION	FORMAL SUBMISSION	JOINT EXERCISE	PUBLIC MEETING	READY FOR HEADQTRS.	NRC REQUESTED DATE	INTERIM FINDING	FINAL FINDING	HEARING DATE	LICENSE DATE
CT	PORTLAND PLAN FOR CONNECTICUT YANKEE	9/ 4/81	2/ 6/82	4/ 0/82	4/ 0/82					
CT	HEBRON PLAN FOR CONNECTICUT YANKEE	9/ 4/81	2/ 6/82*	4/ 0/82	4/ 0/82					
CT	ESSEX PLAN FOR CONNECTICUT YANKEE	9/ 4/81	2/ 6/82	4/ 0/82	4/ 0/82					
CT	WESTBROOK PLAN FOR CONNECTICUT YANKEE	9/ 4/81	2/ 6/82	4/ 0/82	4/ 0/82					
CT	CLINTON PLAN FOR CONNECTICUT YANKEE	9/ 4/81	2/ 6/82*	4/ 0/82	4/ 0/82					
CT	MADISON PLAN FOR CONNECTICUT YANKEE	9/ 4/81	2/ 6/82*	4/ 0/82	4/ 0/82					
CT	MIDDLEFIELD PLAN FOR CONNECTICUT YANKEE	9/ 4/81	2/ 6/82	4/ 0/82	4/ 0/82					
CT	LYME PLAN FOR CONNECTICUT YANKEE	9/ 4/81	2/ 6/82	4/ 0/82	4/ 0/82					
CT	SALEM PLAN FOR CONNECTICUT YANKEE	9/ 4/81	2/ 6/82*	4/ 0/82	4/ 0/82					
MA	STATE PLAN FOR CONN YANKEE *									
NY	STATE PLAN FOR CONN YANKEE *									
RI	STATE PLAN FOR CONN YANKEE *									
IL	STATE PLAN FOR D.C. COOK *									
IN	STATE PLAN FOR D.C. COOK *									
MI	STATE PLAN FOR D.C. COOK *	2/26/81	3/30/82	12/11/80	4/30/82	4/ 1/82	3/ 1/82-	5/30/82P		
MI	BERRIEN CO PLAN FOR D. C. COOK	2/26/81	3/30/82	12/11/80	4/30/82					
WI	STATE PLAN FOR D.C. COOK *									
IA	STATE PLAN FOR COOPER STATION *									
MO	STATE PLAN FOR COOPER STATION +	6/ 0/82	3/10/82-	8/ 6/81	7/ 0/82	4/ 1/82	4/ 1/82	8/ 0/82P		
MO	ATCHISON CO PLAN FOR COOPER STATION	6/ 0/82	3/10/82-	8/ 6/81	7/ 0/82					
NE	STATE PLAN FOR COOPER STATION * +	6/ 0/82	3/10/82-	8/ 6/81	7/ 0/82	4/ 1/82	4/ 1/82	8/ 0/82P		
	NEMAHA CO PLAN FOR COOPER STATION	6/ 0/82	3/10/82-	8/ 6/81	7/ 0/82					
NL	RICHARDSON CO PLAN FOR COOPER STATION									
FL	STATE PLAN FOR CRYSTAL RIVER *	4/ 1/82	3/30/82	3/29/82	4/ 0/82	4/ 1/82	4/ 1/82	5/ 0/82P		
FL	CITRUS CO PLAN FOR CRYSTAL RIVER	4/ 1/82	3/30/82	3/29/82	4/ 0/82					
FL	LEVY CO PLAN FOR CRYSTAL RIVER	4/ 1/82	3/30/82	3/29/82	4/ 0/82					
MI	STATE PLAN FOR DAVIS BESSE *									
OH	STATE PLAN FOR DAVIS BESSE *	2/25/81	9/ 0/82	11/ 7/80	3/19/82-	4/ 1/82	3/ 1/82-	4/19/82P		
OH	OTTAWA CO PLAN FOR DAVIS BESSE	2/25/81	9/ 0/82	11/ 7/80	3/19/82-					
OH	LUCAS CO PLAN FOR DAVIS BESSE	2/25/81	9/ 0/82	11/ 7/80	3/19/82-					
CA	STATE PLAN FOR DIABLO CAN (UC) *	7/15/82	8/19/81	12/17/81	9/15/82	11/ 1/81	12/29/81	10/15/82P	1/ 0/82*	5/ 0/82
CA	SAN LUIS OBISPO PLAN FOR DIABLO CANYON (UC)	7/15/82	8/19/81	12/17/81	9/15/82					
IL	STATE PLAN FOR DRESDEN *	3/31/81	9/30/81	10/30/80	2/18/82	4/ 1/82	4/ 1/82	3/18/82P		
IL	GRUNDY CO PLAN FOR DRESDEN	3/31/81	9/30/81	10/30/80	2/18/82					

STATUS OF OFF-SITE PLANS FOR ALL NUCLEAR POWER PLANTS

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STATE	PLAN IDENTIFICATION	FORMAL SUBMISSION DATE	JOINT EXERCISE DATE	PUBLIC MEETING DATE	READY FOR HEADQTRS.	NRC REQUESTED DATE	INTERIM FINDING	FINAL FINDING	HEARING DATE	LICENSE DATE
IL	KENDALL CO PLAN FOR DRESDEN	3/31/81	9/30/81	10/30/80	2/18/82					
IL	WILL CO PLAN FOR DRESDEN	3/31/81	9/30/81	10/30/80	2/18/82					
IN	STATE PLAN FOR DRESDEN *									
AL	STATE PLAN FOR FARLEY *	11/10/80	11/0/82	11/18/80	1/28/81	3/11/81		3/11/81		3/31/81
AL	HOUSTON CO PLAN FOR FARLEY	11/10/80	11/0/82	11/18/80	1/28/81			3/11/81		
AL	HENRY CO PLAN FOR FARLEY	11/10/80	11/0/82	11/18/80	1/28/81			3/11/81		
FL	STATE PLAN FOR FARLEY *									
GA	STATE PLAN FOR FARLEY *	6/9/80	11/0/82	11/18/80	1/13/81	3/11/81	3/11/81	5/5/81		3/31/81
GA	EARLY CO PLAN FOR FARLEY	6/9/80	11/0/82	11/18/80	1/13/81			5/5/81		
MI	STATE PLAN FOR FERMI (UC) *	4/16/82	2/2/82	2/3/82	5/17/82	1/1/82	1/26/82	6/17/82P	3/3/82-	9/0/82
MI	MONROE CO PLAN FOR FERMI (UC) *	4/16/82	2/2/82	2/3/82	5/17/82					
MI	WAYNE CO PLAN FOR FERMI (UC) *	4/16/82	2/2/82	2/3/82	5/17/82					
OH	STATE PLAN FOR FERMI (UC) *									
NY	STATE PLAN FOR FITZPATRICK *	7/22/81	10/15/82	11/17/82	2/26/82-		12/4/81	3/26/82P		
NY	OSWEGO CO PLAN FOR FITZPATRICK	7/22/81	10/15/82	11/17/82	2/26/82-					
IA	STATE PLAN FOR FORT CALHOUN *	10/1/81	7/22/81	8/5/81	7/0/82	4/1/82	3/1/82-	6/0/82P		
IA	HARRISON CO PLAN FOR FORT CALHOUN	10/1/81	7/22/81	8/5/81	7/0/82					
IA	POTTAWAMI CO PLAN FOR FORT CALHOUN	10/1/81	7/22/81	8/5/81	7/0/82					
NE	STATE PLAN FOR FORT CALHOUN *	3/1/82-	7/22/81	8/4/81	7/0/82	4/1/82	3/1/82-	6/0/82P		
NE	WASHINGTON CO PLAN FOR FORT CALHOUN	3/1/82-	7/22/81	8/4/81	7/0/82					
CO	STATE PLAN FOR FT ST VRAIN *	6/12/80	6/12/81	6/13/80	5/1/81	4/1/82		1/29/82		
CO	WELD CO PLAN FOR FORT ST VRAIN	6/12/80	6/12/81	6/13/80	5/1/81			1/29/82		
NY	STATE PLAN FOR GINNA *	8/20/81	1/21/82	2/24/82-	3/20/82-	4/1/82	2/22/82*	4/20/82P		
NY	WAYNE CO PLAN FOR GINNA	8/20/81	1/21/82	2/24/82-	3/20/82-					
NY	MONROE CO PLAN FOR GINNA	8/20/81	1/21/82	2/24/82-	3/20/82-					
LA	STATE PLAN FOR GRAND GULF (UC) *	9/3/81	11/4/81	10/27/81	6/0/82	11/15/81	3/1/82-	7/0/82P		2/0/82*
LA	TENSAS PLAN FOR GRAND GULF (UC)	9/3/81	11/4/81	10/27/81	6/0/82					
MS	STATE PLAN FOR GRAND GULF (UC) *	12/1/81*	11/4/81	11/3/81	2/28/82-	11/15/81	3/1/82-	3/28/82P		2/0/82*
MS	CLAIBORNE CO PLAN FOR GRAND GULF (UC)	12/1/81*	11/4/81	11/3/81	2/28/82-					
NC	STATE PLAN FOR HARRIS (UC) *	3/1/85								
NC	WAKE CO PLAN FOR HARRIS (UC)	3/1/85								
NC	CHATHAM CO PLAN FOR HARRIS (UC)	3/1/85								
NC	HARNETT CO PLAN FOR HARRIS (UC)	3/1/85								
NC	LEE CO PLAN FOR HARRIS (UC)	3/1/85								

6/0/84 12/0/84









STATUS OF OFF-SITE PLANS FOR ALL NUCLEAR POWER PLANTS

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STATE	PLAN IDENTIFICATION	FORMAL SUBMISSION	JOINT EXERCISE	PUBLIC MEETING	READY FOR HEADQTRS.	NRC REQUESTED DATE	INTERIM FINDING	FINAL FINDING	HEARING DATE	LICENSE DATE
VA	STATE PLAN FOR NORTH ANNA * (U)	5/11/81	8/16/80	7/16/81	9/15/81	8/19/80	8/19/80	4/ 1/82		
VA	LOUISA CO PLAN FOR NORTH ANNA (U)	5/11/81	8/16/80	7/16/81	9/15/81					
VA	SPOTSYLVANIA CO PLAN FOR NORTH ANNA (U)	5/11/81	8/16/80	7/16/81	9/15/81					
VA	HANOVER CO PLAN FOR NORTH ANNA (U)	5/11/81	8/16/80	7/16/81	9/15/81					
VA	CAROLINE CO PLAN FOR NORTH ANNA (U)	5/11/81	8/16/80	7/16/81	9/15/81					
VA	ORANGE CO PLAN FOR NORTH ANNA (U)	5/11/81	8/16/80	7/16/81	9/15/81					
GA	STATE PLAN FOR OCONEE *									
NC	STATE PLAN FOR OCONEE *									
SC	STATE PLAN FOR OCONEE *	1/15/82*	3/10/82-	3/ 9/82-	5/ 1/82	4/ 1/82	4/ 1/82	6/ 1/82P		
SC	OCONEE CO PLAN FOR OCONEE	1/15/82*	3/10/82-	3/ 9/82-	5/ 1/82					
SC	PICKENS CO PLAN FOR OCONEE	1/15/82*	3/10/82-	3/ 9/82-	5/ 1/82					
SC	ANDERSON CO PLAN FOR OCONEE	1/15/82*	3/10/82-	3/ 9/82-	5/ 1/82					
NJ	STATE PLAN FOR OYSTER CREEK *	2/ 4/82*	3/16/82-	4/21/82	6/23/82	4/ 1/82	4/ 1/82	7/23/82P		
NJ	OCEAN CO PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	BARNEGAT LT BORO PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	BARNEGAT TOWNSHIP PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	BEACHWOOD BORO PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	BERKELEY TOWNSHIP PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	DOVER TOWNSHIP PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	HARVY CEDAR BORO PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	ISLAND HEIGHTS PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	LACEY TOWNSHIP PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	L BEACH TOWNSHIP PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	OCEANGATE BORO PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	OCEAN TOWNSHIP PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	PINE BEACH BORO PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	SEASIDE HGTS BORO PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	SEASIDE PARK BORO PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	SHIP BOTTOM BORO PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	STAFFORD TOWNSHIP PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					



STATUS OF OFF-SITE PLANS FOR ALL NUCLEAR POWER PLANTS

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STATE	PLAN IDENTIFICATION	FORMAL SUBMISSION	JOINT EXERCISE	PUBLIC MEETING	READY FOR HEADQTRS.	NRC REQUESTED DATE	INTERIM FINDING	FINAL FINDING	HEARING DATE	LICENSE DATE
OH	STATE PLAN FOR PERRY (UC) *					6/30/82	9/ 1/82		11/ 0/82	5/ 0/83
OH	LAKE CO PLAN FOR PERRY (UC)									
OH	GEAUGA CO PLAN FOR PERRY (UC)									
OH	ASHTABULA CO PLAN FOR PERRY (UC)									
PA	STATE PLAN FOR PERRY (UC) *									
KY	STATE PLAN FOR PHIPPS BEND (UC) *									
NC	STATE PLAN FOR PHIPPS BEND (UC) *									
TN	STATE PLAN FOR PHIPPS BEND (UC) *									
TN	HAWKINS CO PLAN FOR PHIPPS BEND (UC)									
TN	GREENE CO PLAN FOR PHIPPS BEND (UC)									
TN	SULLIVAN CO PLAN FOR PHIPPS BEND (UC)									
VA	STATE PLAN FOR PHIPPS BEND (UC) *									
MA	STATE PLAN FOR PILGRIM *	6/16/81	3/ 3/82-	4/ 0/82	4/ 7/82	4/ 1/82	4/ 1/82	5/ 7/82P		
MA	BOURNE PLAN FOR PILGRIM	6/16/81	3/ 3/82-	4/ 0/82	4/ 7/82					
MA	CARVER PLAN FOR PILGRIM	6/16/81	3/ 3/82-	4/ 0/82	4/ 7/82					
MA	DUXBURY PLAN FOR PILGRIM	6/16/81	3/ 3/82-	4/ 0/82	4/ 7/82					
MA	HANOVER PLAN FOR PILGRIM	6/16/81	3/ 3/82-	4/ 0/82	4/ 7/82					
MA	KINGSTON PLAN FOR PILGRIM	6/16/81	3/ 3/82-	4/ 0/82	4/ 7/82					
MA	LAKEVILLE PLAN FOR PILGRIM	6/16/81	3/ 3/82-	4/ 0/82	4/ 7/82					
MA	MARSHFIELD PLAN FOR PILGRIM	6/16/81	3/ 3/82-	4/ 0/82	4/ 7/82					
MA	MIDDLEBOROUGH PLAN FOR PILGRIM	6/16/81	3/ 3/82-	4/ 0/82	4/ 7/82					
MA	PYLMPTON PLAN FOR PILGRIM	6/16/81	3/ 3/82-	4/ 0/82	4/ 7/82					
MA	WAREHAM PLAN FOR PILGRIM	6/16/81	3/ 3/82-	4/ 0/82	4/ 7/82					
MA	BRIDGEWATER PLAN FOR PILGRIM	6/16/81	3/ 3/82-	4/ 0/82	4/ 7/82					
MA	PLYMOUTH PLAN FOR PILGRIM	6/16/81	3/ 3/82-	4/ 0/82	4/ 7/82					
RI	STATE PLAN FOR PILGRIM *									
WI	STATE PLAN FOR POINT BEACH *	4/ 6/81	3/ 9/82-	1/22/81	5/28/82	4/ 1/82	3/15/82-	6/28/82P		
WI	MANITOWOC CO PLAN FOR POINT BEACH	4/ 6/81	3/ 9/82-	1/22/81	5/28/82					
WI	KEWAUNEE CO PLAN FOR POINT BEACH	4/ 6/81	3/ 9/82-	1/22/81	5/28/82					
MN	STATE PLAN FOR PRAIRIE ISLAND * +	3/12/81	12/ 8/81	10/15/80	3/26/82	4/ 1/82	3/ 1/82-	4/26/82P		
MN	DAKOTA CO PLAN FOR PRAIRIE ISLAND	3/12/81	12/ 8/81	10/15/80	3/26/82					
MN	GOODHUE CO PLAN FOR PRAIRIE ISLAND	3/12/81	12/ 8/81	10/15/80	3/26/82					
WI	STATE PLAN FOR PRAIRIE ISLAND +	4/ 6/81	12/ 8/81	10/16/80	3/26/82	4/ 1/82	3/ 1/82-	4/26/82P		
WI	PIERCE CO PLAN FOR PRAIRIE ISLAND	4/ 6/81	12/ 8/81	10/16/80	3/26/82					
IA	STATE PLAN FOR QUAD CITIES +	8/20/81	5/20/81	6/17/81	5/14/82	4/ 1/82	3/ 1/82-	6/14/82P		
IA	CLINTON CO PLAN FOR QUAD CITIES	8/20/81	5/20/81	6/17/81	5/14/82					
IA	SCOTT CO PLAN FOR QUAD CITIES	8/20/81	5/20/81	6/17/81	5/14/82					
IL	STATE PLAN FOR QUAD CITIES * +	4/16/82	5/20/81	6/17/81	5/14/82	4/ 1/82	3/ 1/82-	6/14/82P		
IL	ROCK ISLAND CO PLAN FOR QUAD CITIES	4/16/82	5/20/81	6/17/81	5/14/82					

STATUS OF OFF-SITE PLANS FOR ALL NUCLEAR POWER PLANTS

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STATE	PLAN IDENTIFICATION	FORMAL SUBMISSION	JOINT EXERCISE	PUBLIC MEETING	READY FOR HEADQTRS.	NRC REQUESTED DATE.	INTERIM FINDING	FINAL FINDING	HEARING DATE	LICENSE DATE
IL	WHITESIDE CO PLAN FOR QUAD CITIES	4/16/82	5/20/81	6/17/81	6/14/82					
CA	STATE PLAN FOR RANCHO SECO *	6/15/82	6/23/82	8/18/82	10/15/82	4/ 1/82	4/ 1/82	11/15/82P		
CA	SACRAMENTO CO PLAN FOR RANCHO SECO	6/15/82	6/23/82	8/18/82	10/15/82					
CA	AMADOR CO PLAN FOR RANCHO SECO	6/15/82	6/23/82	8/18/82	10/15/82					
CA	SAN JOAQUIN CO PLAN FOR RANCHO SECO	6/15/82	6/23/82	8/18/82	10/15/82					
CA	CALAVERAS CO (1) PLAN FOR RANCHO SECO	6/15/82	6/23/82	8/18/82	10/15/82					
LA	STATE PLAN FOR RIVER BEND (UC) *	5/ 0/82	6/ 0/82	6/ 0/82	7/ 0/82	11/29/82	11/29/82	11/29/82	4/ 0/83	10/ 0/83
LA	WEST FELICIANA PLAN FOR RIVER BEND (UC)	5/ 0/82	6/ 0/82	6/ 0/82	7/ 0/82					
LA	EAST FELICIANA PLAN FOR RIVER BEND (UC)	5/ 0/82	6/ 0/82	6/ 0/82	7/ 0/82					
LA	POINTE COUPE PLAN FOR RIVER BEND (UC)	5/ 0/82	6/ 0/82	6/ 0/82	7/ 0/82					
LA	EAST BATON ROUGE PLAN FOR RIVER BEND (UC)	5/ 0/82	6/ 0/82	6/ 0/82	7/ 0/82					
LA	WEST BATON ROUGE PLAN FOR RIVER BEND (UC)	5/ 0/82	6/ 0/82	6/ 0/82	7/ 0/82					
MS	STATE PLAN FOR RIVER BEND (UC) *									
NC	STATE PLAN FOR ROBINSON *									
SC	STATE PLAN FOR ROBINSON *	3/ 3/81	3/11/81	3/10/81	7/24/81	4/ 1/82		12/29/81		
SC	DARLINGTON CO PLAN FOR ROBINSON	3/ 3/81	3/11/81	3/10/81	7/24/81			12/29/81		
SC	CHESTERFIELD CO PLAN FOR ROBINSON	3/ 3/81	3/11/81	3/10/81	7/24/81			12/29/81		
SC	LEE CO PLAN FOR ROBINSON	3/ 3/81	3/11/81	3/10/81	7/24/81			12/29/81		
FL	STATE PLAN FOR ST LUCIE (U) *	4/ 1/82	2/11/82	2/10/82*	5/ 1/82	4/ 1/82	3/15/82-	6/ 1/82P		10/ 0/82
FL	ST LUCIE CO PLAN FOR ST LUCIE (U)	4/ 1/82	2/11/82	2/10/82*	5/ 1/82					
FL	MARTIN CO PLAN FOR ST LUCIE (U)	4/ 1/82	2/11/82	2/10/82*	5/ 1/82					
DE	STATE PLAN FOR SALEM +	1/ 4/82	4/ 8/81	5/27/81	1/15/82*	4/28/81	4/24/81	3/26/82		4/28/81
DE	NEW CASTLE CO PLAN FOR SALEM	1/ 4/82	4/ 8/81	5/27/81	1/15/82*					
DE	KENT CO PLAN FOR SALEM	1/ 4/82	4/ 8/81	5/27/81	1/15/82*					
MD	STATE PLAN FOR SALEM *									
NJ	STATE PLAN FOR SALEM * +	2/ 8/82*	5/19/82	4/29/81	4/16/82	4/28/81	4/24/81	5/16/82P		4/28/81
NJ	SALEM CO PLAN FOR SALEM	2/ 8/82*	5/19/82	4/29/81	4/16/82					
NJ	CUMBERLAND CO PLAN FOR SALEM	2/ 8/82*	5/19/82	4/29/81	4/16/82					
NJ	ELSIMBORO PLAN FOR SALEM	2/ 8/82*	5/19/82	4/29/81	4/16/82					
NJ	LWR ALLOW TOWNSHIP PLAN FOR SALEM	2/ 8/82*	5/19/82	4/29/81	4/16/82					
NJ	MANNINGTN TOWNSHIP PLAN FOR SALEM	2/ 8/82*	5/19/82	4/29/81	4/16/82					
NJ	PENNSVLE TOWNSHIP PLAN FOR SALEM	2/ 8/82*	5/19/82	4/29/81	4/16/82					
NJ	QUINTON TOWNSHIP PLAN FOR SALEM	2/ 8/82*	5/19/82	4/29/81	4/16/82					
NJ	SALEM CITY PLAN FOR SALEM	2/ 8/82*	5/19/82	4/29/81	4/16/82					
NJ	GREENWICH TOWNSHIP PLAN FOR SALEM	2/ 8/82*	5/19/82	4/29/81	4/16/82					



STATUS OF OFF-SITE PLANS FOR ALL NUCLEAR POWER PLANTS

STATE	PLAN IDENTIFICATION	FORMAL SUBMISSION	JOINT EXERCISE	PUBLIC MEETING	READY FOR HEADQTRS.	NRC REQUESTED DATE	INTERIM FINDING	FINAL FINDING	HEARING DATE	LICENSE DATE
GA	STATE PLAN FOR SEQUOYAH *	6/20/80	6/ 1/82	6/10/80	6/ 7/80	4/23/81	4/23/81	8/ 7/80		
TN	STATE PLAN FOR SEQUOYAH *	6/20/80	6/ 1/82	6/10/80	6/ 7/80	4/23/81	4/23/81	8/ 7/80		
TN	HAMILTON CO PLAN FOR SEQUOYAH	6/20/80	6/ 1/82	6/10/80	6/ 7/80	4/23/81	4/23/81	8/ 7/80		
TN	BRADLEY CO PLAN FOR SEQUOYAH	6/20/80	6/ 1/82	6/10/80	6/ 7/80	4/23/81	4/23/81	8/ 7/80		
CT	STATE PLAN FOR SHOREHAM (UC) *	3/15/82-	6/16/82	7/ 7/82	8/ 6/82	12/ 1/81	4/ 1/82	9/ 6/82P	3/ 0/82-	9/ 0/82
NY	STATE PLAN FOR SHOREHAM (UC) *	3/15/82-	6/16/82	7/ 7/82	8/ 6/82	12/ 1/81	4/ 1/82	9/ 6/82P	3/ 0/82-	9/ 0/82
NY	SUFFOLK CO PLAN FOR SHOREHAM (UC)	3/15/82-	6/16/82	7/ 7/82	8/ 6/82	12/ 1/81	4/ 1/82	9/ 6/82P	3/ 0/82-	9/ 0/82
WA	STATE PLAN FOR SKAGIT (PL) *	4/ 0/83	5/ 0/83	5/ 0/83	7/ 1/83	8/ 1/83	8/ 1/83	8/ 1/83P	11/ 0/82	5/ 0/83
WA	SKAGIT CO PLAN FOR SKAGIT (PL)	4/ 0/83	5/ 0/83	5/ 0/83	7/ 1/83	8/ 1/83	8/ 1/83	8/ 1/83P	11/ 0/82	5/ 0/83
WA	WHATCOM CO PLAN FOR SKAGIT (PL)	4/ 0/83	5/ 0/83	5/ 0/83	7/ 1/83	8/ 1/83	8/ 1/83	8/ 1/83P	11/ 0/82	5/ 0/83
TX	STATE PLAN FOR SO. TEXAS (UC) *	4/ 0/83	5/ 0/83	5/ 0/83	7/ 1/83	8/ 1/83	8/ 1/83	8/ 1/83P	11/ 0/82	5/ 0/83
TX	MATAGORDA CO PLAN FOR SO. TEXAS (UC)	4/ 0/83	5/ 0/83	5/ 0/83	7/ 1/83	8/ 1/83	8/ 1/83	8/ 1/83P	11/ 0/82	5/ 0/83
TX	(UC)	4/ 0/83	5/ 0/83	5/ 0/83	7/ 1/83	8/ 1/83	8/ 1/83	8/ 1/83P	11/ 0/82	5/ 0/83
SC	STATE PLAN FOR SUMMER (UC) *	4/ 8/81	11/ 0/82	4/30/81	7/31/81	6/ 1/81	6/ 1/81	11/13/81	6/22/81	5/ 0/82
SC	FAIRFIELD CO PLAN FOR SUMMER (UC)	4/ 8/81	11/ 0/82	4/30/81	7/31/81	6/ 1/81	6/ 1/81	11/13/81	6/22/81	5/ 0/82
SC	NEMBERRY CO PLAN FOR SUMMER (UC)	4/ 8/81	11/ 0/82	4/30/81	7/31/81	6/ 1/81	6/ 1/81	11/13/81	6/22/81	5/ 0/82
SC	LEXINGTON CO PLAN FOR SUMMER (UC)	4/ 8/81	11/ 0/82	4/30/81	7/31/81	6/ 1/81	6/ 1/81	11/13/81	6/22/81	5/ 0/82
SC	RICHLAND CO PLAN FOR SUMMER (UC)	4/ 8/81	11/ 0/82	4/30/81	7/31/81	6/ 1/81	6/ 1/81	11/13/81	6/22/81	5/ 0/82
NC	STATE PLAN FOR SURRY *	11/ 9/81	10/31/81	12/10/81	1/15/82*	4/ 1/82	3/ 1/82-	3/ 1/82-		
VA	STATE PLAN FOR SURRY *	11/ 9/81	10/31/81	12/10/81	1/15/82*	4/ 1/82	3/ 1/82-	3/ 1/82-		
VA	SURRY CO PLAN FOR SURRY *	11/ 9/81	10/31/81	12/10/81	1/15/82*	4/ 1/82	3/ 1/82-	3/ 1/82-		
VA	ISLE OF WIGHT CO PLAN FOR SURRY	11/ 9/81	10/31/81	12/10/81	1/15/82*	4/ 1/82	3/ 1/82-	3/ 1/82-		
VA	JAMES CITY/MBG PLAN FOR SURRY	11/ 9/81	10/31/81	12/10/81	1/15/82*	4/ 1/82	3/ 1/82-	3/ 1/82-		
VA	YORK CO PLAN FOR SURRY	11/ 9/81	10/31/81	12/10/81	1/15/82*	4/ 1/82	3/ 1/82-	3/ 1/82-		
VA	NEWPORT NEWS PLAN FOR SURRY	11/ 9/81	10/31/81	12/10/81	1/15/82*	4/ 1/82	3/ 1/82-	3/ 1/82-		
VA	WILLIAMSBURG PLAN FOR SURRY	11/ 9/81	10/31/81	12/10/81	1/15/82*	4/ 1/82	3/ 1/82-	3/ 1/82-		
PA	STATE PLAN FOR SUSQUEHANNA (UC) *	5/ 3/82	3/18/82-	5/15/82	6/ 1/82	10/ 1/81	3/15/82-	7/ 1/82P	10/ 6/81	5/ 0/82
PA	LUZERNE CO PLAN FOR SUSQUEHANNA (UC)	5/ 3/82	3/18/82-	5/15/82	6/ 1/82	10/ 1/81	3/15/82-	7/ 1/82P	10/ 6/81	5/ 0/82
PA	COLUMBIA CO PLAN FOR SUSQUEHANNA (UC)	5/ 3/82	3/18/82-	5/15/82	6/ 1/82	10/ 1/81	3/15/82-	7/ 1/82P	10/ 6/81	5/ 0/82
MD	STATE PLAN FOR THREE MILE IS *	11/13/81	6/ 2/81	12/18/81	3/15/82-	3/15/82-	3/15/82-	4/15/82P	7/ 5/81	
PA	STATE PLAN FOR THREE MILE IS *	11/13/81	6/ 2/81	12/18/81	3/15/82-	3/15/82-	3/15/82-	4/15/82P	7/ 5/81	
PA	DAUPHIN CO PLAN FOR THREE MILE ISLAND	11/13/81	6/ 2/81	12/18/81	3/15/82-	3/15/82-	3/15/82-	4/15/82P	7/ 5/81	
PA	LANCASTER CO PLAN FOR THREE MILE ISLAND	11/13/81	6/ 2/81	12/18/81	3/15/82-	3/15/82-	3/15/82-	4/15/82P	7/ 5/81	





STATUS OF OFF-SITE PLANS FOR ALL NUCLEAR POWER PLANTS

STATE	PLAN IDENTIFICATION	FORMAL SUBMISSION	JOINT EXERCISE	PUBLIC MEETING	READY FOR HEADQTRS.	NRC			HEARING DATE	LICENSE DATE
						REQUESTED DATE	INTERIM FINDING	FINAL FINDING		
WA	GRAYS HARBOR CO PLAN FOR WPPSS 3,5 (UC)									
OR	STATE PLAN FOR WPPSS 1,2 4 (UC) *									
WA	STATE PLAN FOR WPPSS 1,2 4 (UC) *		9/13/82		11/ 1/82	11/ 1/82	11/ 1/82	12/ 1/82P		7/ 0/82
WA	BENTON-FRNKLN CO PLAN FOR WPPSS 1, 2,4 (UC)									
LA	STATE PLAN FOR WATERFORD (UC) *	11/25/81	6/ 0/82	6/ 0/82	8/20/82		2/15/82*	9/20/82P	3/23/82	11/ 0/82
LA	ST CHARLES PLAN FOR WATERFORD (UC)	11/25/81	6/ 0/82	6/ 0/82	8/20/82					
LA	ST JOHN PLAN FOR WATERFORD (UC)	11/25/81	6/ 0/82	6/ 0/82	8/20/82					
GA	STATE PLAN FOR WATTS BAR (UC) *									
TN	STATE PLAN FOR WATTS BAR (UC) *	1/ 1/82*	8/ 9/82	4/ 5/82	6/ 1/82	7/ 1/82	7/ 1/82	7/ 1/82P		7/ 0/82
TN	RHEA CO PLAN FOR WATTS BAR (UC)	1/ 1/82*	8/ 9/82	4/ 5/82	6/ 1/82					
TN	MCMINN CO PLAN FOR WATTS BAR (UC)	1/ 1/82*	8/ 9/82	4/ 5/82	6/ 1/82					
TN	MEIGS CO PLAN FOR WATTS BAR (UC)	1/ 1/82*	8/ 9/82	4/ 5/82	6/ 1/82					
TN	ROANE CO PLAN FOR WATTS BAR (UC)	1/ 1/82*	8/ 9/82	4/ 5/82	6/ 1/82					
KS	STATE PLAN FOR WOLF CREEK (UC) *	12/ 0/82	11/ 0/82	6/ 0/82	1/ 0/83	5/30/82	5/30/82	2/ 0/83P	10/ 0/82	4/ 0/83
KS	COFFEY CO PLAN FOR WOLF CREEK (UC)	12/ 0/82	11/ 0/82	6/ 0/82	1/ 0/83					
KS	ANDERSON CO PLAN FOR WOLF CREEK (UC)									
CT	STATE PLAN FOR YANKEE-ROWE *									
MA	STATE PLAN FOR YANKEE-ROWE * +	6/16/81	3/25/82	4/ 0/82	4/ 7/82	4/ 1/82	4/ 1/82	5/ 7/82P		
MA	BUCKLAND PLAN FOR YANKEE-ROWE	1/15/82*	3/25/82	4/ 0/82	4/ 7/82					
MA	CHARLEMONT PLAN FOR YANKEE-ROWE	1/15/82*	3/25/82	4/ 0/82	4/ 7/82					
MA	CLARKSBURG PLAN FOR YANKEE-ROWE	1/15/82*	3/25/82	4/ 0/82	4/ 7/82					
MA	COLRAIN PLAN FOR YANKEE-ROWE	1/15/82*	3/25/82	4/ 0/82	4/ 7/82					
MA	FLORIDA PLAN FOR YANKEE-ROWE	1/15/82*	3/25/82	4/ 0/82	4/ 7/82					
MA	HAWLEY PLAN FOR YANKEE-ROWE	1/15/82*	3/25/82	4/ 0/82	4/ 7/82					
MA	HEATH PLAN FOR YANKEE-ROWE	1/15/82*	3/25/82	4/ 0/82	4/ 7/82					
MA	MONROE PLAN FOR YANKEE-ROWE	1/15/82*	3/25/82	4/ 0/82	4/ 7/82					
MA	NO. ADAMS PLAN FOR YANKEE-ROWE	1/15/82*	3/25/82	4/ 0/82	4/ 7/82					
MA	SAVOY PLAN FOR YANKEE-ROWE	1/15/82*	3/25/82	4/ 0/82	4/ 7/82					
MA	ROWE PLAN FOR YANKEE-ROWE	1/15/82*	3/25/82	4/ 0/82	4/ 7/82					
NH	STATE PLAN FOR YANKEE-ROWE *									
NY	STATE PLAN FOR YANKEE-ROWE *									
VT	STATE PLAN FOR YANKEE-ROWE +	1/14/81	3/25/82	4/ 0/82	4/ 7/82	4/ 1/82	4/ 1/82	5/ 7/82P		
VT	STAMFORD PLAN FOR YANKEE-ROWE	1/14/81	3/25/82	4/ 0/82	4/ 7/82					
VT	READSBORO PLAN FOR YANKEE-ROWE	1/14/81	3/25/82	4/ 0/82	4/ 7/82					
VT	WILMINGTON PLAN FOR YANKEE-ROWE	1/14/81	3/25/82	4/ 0/82	4/ 7/82					
VT	WHITINGHAM PLAN FOR YANKEE-ROWE	1/14/81	3/25/82	4/ 0/82	4/ 7/82					
VT	SCARSBURG PLAN FOR YANKEE-ROWE	1/14/81	3/25/82	4/ 0/82	4/ 7/82					
VT	WOODFORD PLAN FOR YANKEE-ROWE	1/14/81	3/25/82	4/ 0/82	4/ 7/82					







STATUS OF OFF-SITE PLANS FOR CURRENTLY OPERATING NUCLEAR POWER PLANTS

STATE	PLAN IDENTIFICATION	FORMAL SUBMISSION	JOINT EXERCISE	PUBLIC MEETING	READY FOR HEADQTRS.	NRC REQUESTED DATE	INTERIM FINDING	FINAL FINDING	HEARING DATE	LICENSE DATE
FL	STATE PLAN FOR CRYSTAL RIVER *	4/ 1/82	3/30/82	3/29/82	4/ 0/82	4/ 1/82	4/ 1/82	5/ 0/82P		
FL	CITRUS CO PLAN FOR CRYSTAL RIVER	4/ 1/82	3/30/82	3/29/82	4/ 0/82					
FL	LEVY CO PLAN FOR CRYSTAL RIVER	4/ 1/82	3/30/82	3/29/82	4/ 0/82					
MI	STATE PLAN FOR DAVIS BESSE *	2/25/81	3/ 0/82	11/ 7/80	3/19/82-	4/ 1/82	3/ 1/82-	4/19/82P		
OH	STATE PLAN FOR DAVIS BESSE *	2/25/81	9/ 0/82	11/ 7/80	3/19/82-					
OH	OTTAWA CO PLAN FOR DAVIS BESSE	2/25/81	9/ 0/82	11/ 7/80	3/19/82-					
OH	LUCAS CO PLAN FOR DAVIS BESSE	2/25/81	9/ 0/82	11/ 7/80	3/19/82-					
IL	STATE PLAN FOR DRESDEN *	3/31/81	9/30/81	10/30/80	2/18/82	4/ 1/82	4/ 1/82	3/18/82P		
IL	GRUNDY CO PLAN FOR DRESDEN	3/31/81	9/30/81	10/30/80	2/18/82					
IL	KENDALL CO PLAN FOR DRESDEN	3/31/81	9/30/81	10/30/80	2/18/82					
IL	WILL CO PLAN FOR DRESDEN	3/31/81	9/30/81	10/30/80	2/18/82					
IN	STATE PLAN FOR DRESDEN *	3/31/81	9/30/81	10/30/80	2/18/82					
AL	STATE PLAN FOR FARLEY * *	11/10/80	11/ 0/82	11/18/80	1/28/81	3/11/81		3/11/81		3/31/81
AL	HOUSTON CO PLAN FOR FARLEY	11/10/80	11/ 0/82	11/18/80	1/28/81					
AL	HENRY CO PLAN FOR FARLEY	11/10/80	11/ 0/82	11/18/80	1/28/81					
FL	STATE PLAN FOR FARLEY *	11/ 0/82	11/ 0/82	11/18/80	1/28/81					
GA	STATE PLAN FOR FARLEY *	6/ 9/80	11/ 0/82	11/18/80	1/13/81	3/11/81	3/11/81	5/ 5/81		3/31/81
GA	EARLY CO PLAN FOR FARLEY	6/ 9/80	11/ 0/82	11/18/80	1/13/81					
NY	STATE PLAN FOR FITZPATRICK *	7/22/81	10/15/82	11/17/82	2/26/82-		12/ 4/81	3/26/82P		
NY	OSWEGO CO PLAN FOR FITZPATRICK	7/22/81	10/15/82	11/17/82	2/26/82-					
IA	STATE PLAN FOR FORT CALHOUN *	10/ 1/81	7/22/81	8/ 5/81	7/ 0/82	4/ 1/82	3/ 1/82-	8/ 0/82P		
IA	HARRISON CO PLAN FOR FORT CALHOUN	10/ 1/81	7/22/81	8/ 5/81	7/ 0/82					
IA	POTTAWAMI CO PLAN FOR FORT CALHOUN	10/ 1/81	7/22/81	8/ 5/81	7/ 0/82					
NE	STATE PLAN FOR FORT CALHOUN * *	3/ 1/82-	7/22/81	8/ 4/81	7/ 0/82	4/ 1/82	3/ 1/82-	8/ 0/82P		
NE	WASHINGTON CO PLAN FOR FORT CALHOUN	3/ 1/82-	7/22/81	8/ 4/81	7/ 0/82					
CO	STATE PLAN FOR FT ST VRAIN *	6/12/80	6/12/81	6/13/80	5/ 1/81	4/ 1/82		1/29/82		
CO	WELD CO PLAN FOR FORT ST VRAIN	6/12/80	6/12/81	6/13/80	5/ 1/81			1/29/82		
NY	STATE PLAN FOR GINNA *	8/20/81	1/21/82	2/24/82-	3/20/82-	4/ 1/82	2/22/82*	4/20/82P		
NY	WAYNE CO PLAN FOR GINNA	8/20/81	1/21/82	2/24/82-	3/20/82-					
NY	HONROE CO PLAN FOR GINNA	8/20/81	1/21/82	2/24/82-	3/20/82-					
GA	STATE PLAN FOR HATCH *	6/ 9/80	10/ 0/82	10/23/81	1/13/81			5/ 5/81		
GA	APPLING CO PLAN FOR HATCH	6/ 9/80	10/ 0/82	10/23/81	1/13/81			5/ 5/81		
GA	TOOMBS CO PLAN FOR HATCH	6/ 9/80	10/ 0/82	10/23/81	1/13/81			5/ 5/81		
GA	JEFF DAVIS CO PLAN FOR HATCH	6/ 9/80	10/ 0/82	10/23/81	1/13/81			5/ 5/81		
GA	TATTNALL CO PLAN FOR HATCH	6/ 9/80	10/ 0/82	10/23/81	1/13/81			5/ 5/81		



STATUS OF OFF-SITE PLANS FOR CURRENTLY OPERATING NUCLEAR POWER PLANTS

STATE	PLAN IDENTIFICATION	FORMAL SUBMISSION	JOINT EXERCISE	PUBLIC MEETING	READY FOR HEADQTRS.	NRC REQUESTED DATE	INTERIM FINDING	FINAL FINDING	HEARING DATE	LICENSE DATE
NC	STATE PLAN FOR MCGUIRE (U) *	11/ 3/80	12/ 0/82	12/ 4/80	3/20/81	3/17/81	3/17/81	6/ 4/81		6/ 0/82
NC	MECKLENBERG CO PLAN FOR MCGUIRE (U)	11/ 3/80	12/ 0/82	12/ 4/80	3/20/81			6/ 4/81		
NC	LINCOLN CO PLAN FOR MCGUIRE (U)	11/ 3/80	12/ 0/82	12/ 4/80	3/20/81			6/ 4/81		
NC	GASTON CO PLAN FOR MCGUIRE (U)	11/ 3/80	12/ 0/82	12/ 4/80	3/20/81			6/ 4/81		
NC	IREDELL CO PLAN FOR MCGUIRE (U)	11/ 3/80	12/ 0/82	12/ 4/80	3/20/81			6/ 4/81		
NC	CATAMBA CO PLAN FOR MCGUIRE (U)	11/ 3/80	12/ 0/82	12/ 4/80	3/20/81			6/ 4/81		
SC	STATE PLAN FOR MCGUIRE * (U)	11/ 3/80	12/ 0/82	12/ 4/80	3/20/81			6/ 4/81		
CT	STATE PLAN FOR MILLSTONE * (U)	9/ 4/81	3/20/82-	4/ 0/82	4/ 0/82	4/ 1/82	4/ 1/82	5/ 0/82P		
CT	NEW LONDON PLAN FOR MILLSTONE (U)	9/ 4/81	3/20/82-	4/ 0/82	4/ 0/82					
CT	WATERFORD PLAN FOR MILLSTONE (U)	9/ 4/81	3/20/82-	4/ 0/82	4/ 0/82					
CT	EAST LYME PLAN FOR MILLSTONE (U)	9/ 4/81	3/20/82-	4/ 0/82	4/ 0/82					
CT	OLD LYME PLAN FOR MILLSTONE (U)	9/ 4/81	3/20/82-	4/ 0/82	4/ 0/82					
CT	LYME PLAN FOR MILLSTONE (U)	9/ 4/81	3/20/82-	4/ 0/82	4/ 0/82					
CT	SALEM PLAN FOR MILLSTONE (U)	9/ 4/81	3/20/82-	4/ 0/82	4/ 0/82					
CT	MONTVILLE PLAN FOR MILLSTONE (U)	9/ 4/81	3/20/82-	4/ 0/82	4/ 0/82					
CT	LEDYARD PLAN FOR MILLSTONE (U)	9/ 4/81	3/20/82-	4/ 0/82	4/ 0/82					
CT	GROTON PLAN FOR MILLSTONE (U)	9/ 4/81	3/20/82-	4/ 0/82	4/ 0/82					
CT	OLD SAYBROOK PLAN FOR MILLSTONE (U)	9/ 4/81	3/20/82-	4/ 0/82	4/ 0/82					
CT	STONINGTON PLAN FOR MILLSTONE (U)	9/ 4/81	3/20/82-	4/ 0/82	4/ 0/82					
NY	STATE PLAN FOR MILLSTONE (U) *	9/ 4/81	3/20/82-	4/ 0/82	4/ 0/82					
RI	STATE PLAN FOR MILLSTONE (U) *	9/ 4/81	3/20/82-	4/ 0/82	4/ 0/82					
MN	STATE PLAN FOR MONTICELLO *	3/12/81	3/ 2/82-	1/ 8/81	5/21/82	4/ 1/82	3/23/82	6/21/82P		
MN	WRIGHT CO PLAN FOR MONTICELLO	3/12/81	3/ 2/82-	1/ 8/81	5/21/82					
MN	SHERBURNE CO PLAN FOR MONTICELLO	3/12/81	3/ 2/82-	1/ 8/81	5/21/82					
NY	STATE PLAN FOR NINE MILE PT (U) *	7/22/81	9/15/81	11/ 4/81	2/26/82-		12/ 4/81	3/26/82P		
NY	CSWEGO CO PLAN FOR NINE MILE PT (U)	7/22/81	9/15/81	11/ 4/81	2/26/82-					
MD	STATE PLAN FOR NORTH ANNA (U) *	5/11/81	6/16/80	7/16/81	9/15/81	6/19/80	6/19/80	4/ 1/82		
VA	STATE PLAN FOR NORTH ANNA * (U)	5/11/81	6/16/80	7/16/81	9/15/81					
VA	LOUISA CO PLAN FOR NORTH ANNA (U)	5/11/81	6/16/80	7/16/81	9/15/81					
VA	SPOTSYLVANIA CO PLAN FOR NORTH ANNA (U)	5/11/81	6/16/80	7/16/81	9/15/81					
VA	HANOVER CO PLAN FOR NORTH ANNA (U)	5/11/81	6/16/80	7/16/81	9/15/81					
VA	CAROLINE CO PLAN FOR NORTH ANNA (U)	5/11/81	6/16/80	7/16/81	9/15/81					
VA	ORANGE CO PLAN FOR NORTH ANNA (U)	5/11/81	6/16/80	7/16/81	9/15/81					
GA	STATE PLAN FOR OCONEE *	1/15/82*	3/10/82-	3/ 9/82-	5/ 1/82	4/ 1/82	4/ 1/82	6/ 1/82P		
NC	STATE PLAN FOR OCONEE *	1/15/82*	3/10/82-	3/ 9/82-	5/ 1/82					
SC	STATE PLAN FOR OCONEE *	1/15/82*	3/10/82-	3/ 9/82-	5/ 1/82					
SC	OCONEE CO PLAN FOR OCONEE	1/15/82*	3/10/82-	3/ 9/82-	5/ 1/82					
SC	PICKENS CO PLAN FOR OCONEE	1/15/82*	3/10/82-	3/ 9/82-	5/ 1/82					
SC	ANDERSON CO PLAN FOR OCONEE	1/15/82*	3/10/82-	3/ 9/82-	5/ 1/82					



STATUS OF OFF-SITE PLANS FOR CURRENTLY OPERATING NUCLEAR POWER PLANTS

STATE	PLAN IDENTIFICATION	FORMAL SUBMISSION	JOINT EXERCISE	PUBLIC MEETING	READY FOR HEADQTRS.	NRC REQUESTED DATE	INTERIM FINDING	FINAL FINDING	HEARING DATE	LICENSE DATE
NJ	STATE PLAN FOR OYSTER CREEK *	2/ 4/82*	3/16/82-	4/21/82	6/23/82	4/ 1/82	4/ 1/82	7/23/82P		
NJ	OCEAN CO PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	BARNEGAT LT BORO PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	BARNEGAT TOWNSHIP PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	BEACHWOOD BORO PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	BERKELEY TOWNSHIP PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	DOVER TOWNSHIP PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	HARVY CEDAR BORO PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	ISLAND HEIGHTS PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	LACEY TOWNSHIP PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	L BEACH TOWNSHIP PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	OCEAN TOWNSHIP PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	OCEAN TOWNSHIP PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	PINE BEACH BORO PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	SEASIDE HGTS BORO PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	SEASIDE PARK BORO PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	SHIP BOTTOM BORO PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	STAFFORD TOWNSHIP PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	SURF CITY BORO PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	BEACH HAVEN BORO PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	MANCHSTR TOWNSHIP PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NJ	SOUTH RIVER BORO PLAN FOR OYSTER CREEK	2/ 4/82*	3/16/82-	4/21/82	6/23/82					
NY	STATE PLAN FOR OYSTER CREEK *									
PA	STATE PLAN FOR OYSTER CREEK *									
IN	STATE PLAN FOR PALISADES *	2/25/81	2/23/82-	12/10/80	2/18/82	9/18/81	9/18/81	4/ 1/82		
MI	STATE PLAN FOR PALISADES *	2/26/81	2/23/82-	12/10/80	2/18/82					
MI	VAN BUREN CO PLAN FOR PALISADES	2/26/81	2/23/82-	12/10/80	2/18/82					
MI	ALLEGAN CO PLAN FOR PALISADES	2/26/81	2/23/82-	12/10/80	2/18/82					
MI	BERRIEN CO PLAN FOR PALISADES	2/26/81	2/23/82-	12/10/80	2/18/82					

STATUS OF OFF-SITE PLANS FOR CURRENTLY OPERATING NUCLEAR POWER PLANTS

STATE PLAN IDENTIFICATION NRC READY FOR REQUESTED INTERIM FINAL HEARING LICENSE  
 SUBMISSION JOINT PUBLIC MEETING HEADQTRS. DATE FINDING FINDING DATE DATE

STATE	PLAN IDENTIFICATION	SUBMISSION DATE	JOINT MEETING DATE	PUBLIC MEETING DATE	HEADQTRS. DATE	READY FOR REQUESTED DATE	INTERIM FINDING DATE	FINAL FINDING DATE	HEARING DATE	LICENSE DATE
DE	STATE PLAN FOR PEACH BOTTOM #	5/22/82	6/16/82	7/1/82	6/1/82	4/1/82	5/29/82	9/1/82P		
MD	STATE PLAN FOR PEACH BOTTOM *	5/22/82	6/16/82	7/1/82	6/1/82	4/1/82	5/29/82	9/1/82P		
MD	CECIL CO PLAN FOR PFACH BOTTOM	5/22/82	6/16/82	7/1/82	6/1/82	4/1/82	5/29/82	9/1/82P		
MD	HARFORD CO PLAN FOR PEACH BOTTOM	5/22/82	6/16/82	7/1/82	6/1/82	4/1/82	5/29/82	9/1/82P		
NJ	STATE PLAN FOR PEACH BOTTOM #	5/22/82	6/16/82	7/1/82	6/1/82	4/1/82	5/29/82	9/1/82P		
PA	LANCASTER CO PLAN FOR PEACH BOTTOM	5/22/82	6/16/82	7/1/82	6/1/82	4/1/82	5/29/82	9/1/82P		
PA	YORK CO PLAN FOR PEACH BOTTOM	5/22/82	6/16/82	7/1/82	6/1/82	4/1/82	5/29/82	9/1/82P		
PA	CHESTER CO PLAN FOR PEACH BOTTOM	5/22/82	6/16/82	7/1/82	6/1/82	4/1/82	5/29/82	9/1/82P		
MA	STATE PLAN FOR PILGRIM #	6/16/81	3/3/82-	4/0/82	4/7/82	4/1/82	4/1/82	5/7/82P		
MA	BORNE PLAN FOR PILGRIM	6/16/81	3/3/82-	4/0/82	4/7/82	4/1/82	4/1/82	5/7/82P		
MA	CARVER PLAN FOR PILGRIM	6/16/81	3/3/82-	4/0/82	4/7/82	4/1/82	4/1/82	5/7/82P		
MA	DUXBURY PLAN FOR PILGRIM	6/16/81	3/3/82-	4/0/82	4/7/82	4/1/82	4/1/82	5/7/82P		
MA	HANOVER PLAN FOR PILGRIM	6/16/81	3/3/82-	4/0/82	4/7/82	4/1/82	4/1/82	5/7/82P		
MA	KINGSTON PLAN FOR PILGRIM	6/16/81	3/3/82-	4/0/82	4/7/82	4/1/82	4/1/82	5/7/82P		
MA	LAKEVILLE PLAN FOR PILGRIM	6/16/81	3/3/82-	4/0/82	4/7/82	4/1/82	4/1/82	5/7/82P		
MA	MARSHFIELD PLAN FOR PILGRIM	6/16/81	3/3/82-	4/0/82	4/7/82	4/1/82	4/1/82	5/7/82P		
MA	MIDDLEBOROUGH PLAN FOR PILGRIM	6/16/81	3/3/82-	4/0/82	4/7/82	4/1/82	4/1/82	5/7/82P		
MA	PLYMPTON PLAN FOR PILGRIM	6/16/81	3/3/82-	4/0/82	4/7/82	4/1/82	4/1/82	5/7/82P		
MA	WAREHAM PLAN FOR PILGRIM	6/16/81	3/3/82-	4/0/82	4/7/82	4/1/82	4/1/82	5/7/82P		
MA	BRIDGEWATER PLAN FOR PILGRIM	6/16/81	3/3/82-	4/0/82	4/7/82	4/1/82	4/1/82	5/7/82P		
MA	PLYMOUTH PLAN FOR PILGRIM	6/16/81	3/3/82-	4/0/82	4/7/82	4/1/82	4/1/82	5/7/82P		
RI	STATE PLAN FOR PILGRIM #	6/16/81	3/3/82-	4/0/82	4/7/82	4/1/82	4/1/82	5/7/82P		
WI	STATE PLAN FOR POINT BEACH #	4/6/81	3/9/82-	1/22/81	5/28/82	4/1/82	3/15/82-	6/28/82P		
WI	MANITOWOC CO PLAN FOR POINT BEACH	4/6/81	3/9/82-	1/22/81	5/28/82	4/1/82	3/15/82-	6/28/82P		
WI	KEVAUNEE CO PLAN FOR POINT BEACH	4/6/81	3/9/82-	1/22/81	5/28/82	4/1/82	3/15/82-	6/28/82P		
MN	STATE PLAN FOR PRAIRIE ISLAND # +	3/12/81	12/8/81	10/15/80	3/26/82	4/1/82	3/1/82-	4/26/82P		
MN	DAKOTA CO PLAN FOR PRAIRIE ISLAND	3/12/81	12/8/81	10/15/80	3/26/82	4/1/82	3/1/82-	4/26/82P		
MN	GOODHUE CO PLAN FOR PRAIRIE ISLAND	3/12/81	12/8/81	10/15/80	3/26/82	4/1/82	3/1/82-	4/26/82P		
WI	STATE PLAN FOR PRAIRIE ISLAND +	4/6/81	12/8/81	10/16/80	3/26/82	4/1/82	3/1/82-	4/26/82P		
WI	PIERCE CO PLAN FOR PRAIRIE ISLAND	4/6/81	12/8/81	10/16/80	3/26/82	4/1/82	3/1/82-	4/26/82P		
IA	STATE PLAN FOR QUAD CITIES +	8/20/81	5/20/81	6/17/81	5/14/82	4/1/82	3/1/82-	6/14/82P		
IA	CLINTON CO PLAN FOR QUAD CITIES	8/20/81	5/20/81	6/17/81	5/14/82	4/1/82	3/1/82-	6/14/82P		
IA	SCOTT CO PLAN FOR QUAD CITIES	8/20/81	5/20/81	6/17/81	5/14/82	4/1/82	3/1/82-	6/14/82P		
IL	STATE PLAN FOR QUAD CITIES # +	4/16/82	5/20/81	6/17/81	5/14/82	4/1/82	3/1/82-	6/14/82P		
IL	ROCK ISLAND CO PLAN FOR QUAD CITIES	4/16/82	5/20/81	6/17/81	5/14/82	4/1/82	3/1/82-	6/14/82P		
IL	WHITESIDE CO PLAN FOR QUAD CITIES	4/16/82	5/20/81	6/17/81	5/14/82	4/1/82	3/1/82-	6/14/82P		
CA	STATE PLAN FOR RANCHO SECO #	8/15/82	6/23/82	8/18/82	10/15/82	4/1/82	4/1/82	11/15/82P		
CA	SACRAMENTO CO PLAN FOR RANCHO SECO	8/15/82	6/23/82	8/18/82	10/15/82	4/1/82	4/1/82	11/15/82P		
CA	AMADOR CO PLAN FOR RANCHO SECO	8/15/82	6/23/82	8/18/82	10/15/82	4/1/82	4/1/82	11/15/82P		
CA	SAN JOAQUIN CO PLAN FOR RANCHO SECO	8/15/82	6/23/82	8/18/82	10/15/82	4/1/82	4/1/82	11/15/82P		

STATUS OF OFF-SITE PLANS FOR CURRENTLY OPERATING NUCLEAR POWER PLANTS

STATE	PLAN IDENTIFICATION	FORMAL SUBMISSION	JOINT EXERCISE	PUBLIC MEETING	READY FOR HEADQTRS.	NRC REQUESTED DATES	INTERIM FINDING	FINAL FINDING	HEARING DATE	LICENSE DATE
CA	CALAVERAS CO (1) PLAN FOR RANCHO SECO	8/15/82	6/23/82	8/18/82	10/15/82					
NC	STATE PLAN FOR ROBINSON *									
SC	DARLINGTON CO PLAN FOR ROBINSON *	3/ 3/81	3/11/81	3/10/81	7/24/81	4/ 1/82		12/29/81		
SC	CHESTERFIELD CO PLAN FOR ROBINSON	3/ 3/81	3/11/81	3/10/81	7/24/81			12/29/81		
SC	LEE CO PLAN FOR ROBINSON	3/ 3/81	3/11/81	3/10/81	7/24/81			12/29/81		
FL	STATE PLAN FOR ST LUCIE (U) *	4/ 1/82	2/11/82	2/10/82*	5/ 1/82	4/ 1/82	3/15/82-	6/ 1/82P		10/ 0/82
FL	ST LUCIE CO PLAN FOR ST LUCIE (U)	4/ 1/82	2/11/82	2/10/82*	5/ 1/82					
FL	MARTIN CO PLAN FOR ST LUCIE (U)	4/ 1/82	2/11/82	2/10/82*	5/ 1/82					
DE	STATE PLAN FOR SALEM *	1/ 4/82	4/ 8/81	5/27/81	1/15/82*	4/28/81	4/24/81	3/26/82		4/28/81
DE	NEW CASTLE CO PLAN FOR SALEM	1/ 4/82	4/ 8/81	5/27/81	1/15/82*					
DE	KENT CO PLAN FOR SALEM	1/ 4/82	4/ 8/81	5/27/81	1/15/82*					
MD	STATE PLAN FOR SALEM *									
NJ	STATE PLAN FOR SALEM *	2/ 8/82*	5/19/82	4/29/81	4/16/82	4/28/81	4/24/81	5/16/82P		4/28/81
NJ	SALEM CO PLAN FOR SALEM	2/ 8/82*	5/19/82	4/29/81	4/16/82					
NJ	CUMBERLAND CO PLAN FOR SALEM	2/ 8/82*	5/19/82	4/29/81	4/16/82					
NJ	EL SINBORO PLAN FOR SALEM	2/ 8/82*	5/19/82	4/29/81	4/16/82					
NJ	LWR ALLOW TNSHP PLAN FOR SALEM	2/ 8/82*	5/19/82	4/29/81	4/16/82					
NJ	MANNINGTN TNSHP PLAN FOR SALEM	2/ 8/82*	5/19/82	4/29/81	4/16/82					
NJ	PENNSVLE TNSHP PLAN FOR SALEM	2/ 8/82*	5/19/82	4/29/81	4/16/82					
NJ	QUINTON TNSHP PLAN FOR SALEM	2/ 8/82*	5/19/82	4/29/81	4/16/82					
NJ	SALEM CITY PLAN FOR SALEM	2/ 8/82*	5/19/82	4/29/81	4/16/82					
NJ	GREENWICH TNSHP PLAN FOR SALEM	2/ 8/82*	5/19/82	4/29/81	4/16/82					
NJ	STOWE CREEK PLAN FOR SALEM	2/ 8/82*	5/19/82	4/29/81	4/16/82					
PA	STATE PLAN FOR SALEM *	2/ 8/82*	5/19/82	4/29/81	4/16/82					
CA	STATE PLAN FOR SAN ONOFRE (U) *	7/15/82	5/13/81	5/18/81	9/15/82	11/20/81	12/ 1/81	10/15/82P	8/25/81	3/ 0/82-
CA	GRANDE CO PLAN FOR SAN ONOFRE (U)	7/15/82	5/13/81	5/18/81	9/15/82					
CA	SAN DIEGO CO PLAN FOR SAN ONOFRE (U)	7/15/82	5/13/81	5/18/81	9/15/82					
CA	SAN JUAN CPASTO PLAN FOR SAN ONOFRE (U)	7/15/82	5/13/81	5/18/81	9/15/82					
CA	CAMP PENDLETON PLAN FOR SAN ONOFRE (U)	7/15/82	5/13/81	5/18/81	9/15/82					
CA	SAN CLEMENTE PLAN FOR SAN ONOFRE (U)	7/15/82	5/13/81	5/18/81	9/15/82					
AL	STATE PLAN FOR SEQUOYAH *	11/ 1/80								
GA	STATE PLAN FOR SEQUOYAH *									
TN	STATE PLAN FOR SEQUOYAH *	6/20/80	6/ 1/82	6/10/80	8/ 7/80	4/23/81	4/23/81	6/ 7/80		6/ 7/80
TN	HAMILTON CO PLAN FOR SEQUOYAH	6/20/80	6/ 1/82	6/10/80	8/ 7/80			8/ 7/80		8/ 7/80
TN	BRADLEY CO PLAN FOR SEQUOYAH	6/20/80	6/ 1/82	6/10/80	8/ 7/80			8/ 7/80		8/ 7/80

STATUS OF OFF-SITE PLANS FOR CURRENTLY OPERATING NUCLEAR POWER PLANTS

STATE	PLAN IDENTIFICATION	FORMAL SUBMISSION	JOINT EXERCISE	PUBLIC MEETING	READY FOR HEADQTRS.	MRC REQUESTED DATE	INTERIM FINDING	FINAL FINDING	HEARING DATE	LICENSE DATE
NC	STATE PLAN FOR SURRY *	11/ 9/81	10/31/81	12/10/81	1/15/82*	4/ 1/82	3/ 1/82-	3/ 1/82-		
VA	STATE PLAN FOR SURRY *	11/ 9/81	10/31/81	12/10/81	1/15/82*					
VA	SURRY CO PLAN FOR SURRY	11/ 9/81	10/31/81	12/10/81	1/15/82*					
VA	ISLE OF WIGHT CO PLAN FOR SURRY	11/ 9/81	10/31/81	12/10/81	1/15/82*					
VA	JAMES CITY/WMBG PLAN FOR SURRY	11/ 9/81	10/31/81	12/10/81	1/15/82*					
VA	YORK CO PLAN FOR SURRY	11/ 9/81	10/31/81	12/10/81	1/15/82*					
VA	NEWPORT NEWS PLAN FOR SURRY	11/ 9/81	10/31/81	12/10/81	1/15/82*					
VA	WILLIAMSBURG PLAN FOR SURRY	11/ 9/81	10/31/81	12/10/81	1/15/82*					
MD	STATE PLAN FOR THREE MILE IS *									
PA	STATE PLAN FOR THREE MILE IS *	11/13/81	6/ 2/81	12/18/81	3/15/82-		3/15/82-	4/15/82P	7/ 5/81	
PA	DAUPHIN CO PLAN FOR THREE MILE ISLAND	11/13/81	6/ 2/81	12/18/81	3/15/82-					
PA	LANCASTER CO PLAN FOR THREE MILE ISLAND	11/13/81	6/ 2/81	12/16/81	3/15/82-					
PA	YORK CO PLAN FOR THREE MILE ISLAND	11/13/81	6/29/81	12/19/81	3/15/82-					
PA	CUMBERLAND CO PLAN FOR THREE MILE ISLAND	11/13/81	6/ 2/81	12/18/81	3/15/82-					
PA	LEBANON CO PLAN FOR THREE MILE ISLAND	11/13/81	6/ 2/81	12/18/81	3/15/82-					
OR	STATE PLAN FOR TROJAN *	12/ 9/80	3/ 4/81	1/12/81	1/19/82	4/ 1/82	3/ 1/82-	4/ 1/82		
OR	COLUMBIA CO PLAN FOR TROJAN	12/ 9/80	3/ 4/81	1/12/81	1/19/82					
WA	STATE PLAN FOR TROJAN *	3/29/81	3/ 4/81	3/ 6/81	1/19/82	4/ 1/82	3/ 1/82-	4/ 1/82		
WA	COWLITZ CO PLAN FOR TROJAN	3/29/81	3/ 4/81	3/ 6/81	1/19/82					
FL	STATE PLAN FOR TURKEY POINT *	4/ 1/82	3/15/82-	3/14/82-	5/ 1/82	4/ 1/82	4/ 1/82	6/ 1/82P		
FL	DADE CO PLAN FOR TURKEY POINT	4/ 1/82	3/15/82-	3/14/82-	5/ 1/82	4/ 1/82	4/ 1/82			
FL	MONROE CO PLAN FOR TURKEY POINT	4/ 1/82	3/15/82-	3/14/82-	5/ 1/82	4/ 1/82	4/ 1/82			
MA	STATE PLAN FOR VERMONT YANKEE *	6/16/81	2/16/82*	4/ 0/82	4/ 7/82	4/ 1/82	4/ 1/82	5/ 7/82P		
MA	BERNARDSTON PLAN FOR VERMONT YANKEE	2/ 1/82*	2/16/82*	4/ 0/82	4/ 7/82					
MA	COLRAIN PLAN FOR VERMONT YANKEE	2/ 1/82*	2/16/82*	4/ 0/82	4/ 7/82					
MA	GILL PLAN FOR VERMONT YANKEE	2/ 1/82*	2/16/82*	4/ 0/82	4/ 7/82					
MA	GREENFIELD PLAN FOR VERMONT YANKEE	2/ 1/82*	2/16/82*	4/ 0/82	4/ 7/82					
MA	LEYDEN PLAN FOR VERMONT YANKEE	2/ 1/82*	2/16/82*	4/ 0/82	4/ 7/82					
MA	NORTHFIELD PLAN FOR VERMONT YANKEE	2/ 1/82*	2/16/82*	4/ 0/82	4/ 7/82					
MA	WARWICK PLAN FOR VERMONT YANKEE	2/ 1/82*	2/16/82*	4/ 0/82	4/ 7/82					
NH	STATE PLAN FOR VERMONT YANKEE *	7/17/81	2/16/82*	4/ 0/82	4/ 7/82	4/ 1/82	4/ 1/82	5/ 7/82P		
NH	CHESTERFIELD PLAN FOR VERMONT YANKEE	7/17/81	2/16/82*	4/ 0/82	4/ 7/82					
NH	HINSDALE PLAN FOR VERMONT YANKEE	7/17/81	2/16/82*	4/ 0/82	4/ 7/82					
NH	RICHMOND PLAN FOR VERMONT YANKEE	7/17/81	2/16/82*	4/ 0/82	4/ 7/82					
NH	SWANZEY PLAN FOR VERMONT YANKEE	7/17/81	2/16/82*	4/ 0/82	4/ 7/82					
NH	WINCHESTER PLAN FOR VERMONT YANKEE	7/17/81	2/16/82*	4/ 0/82	4/ 7/82					
NY	STATE PLAN FOR VT YANKEE *									
VT	STATE PLAN FOR VERMONT YANKEE *	1/14/81	2/16/82*	4/ 0/82	4/ 7/82	4/ 1/82	4/ 1/82	5/ 7/82P		

## STATUS OF OFF-SITE PLANS FOR CURRENTLY OPERATING NUCLEAR POWER PLANTS

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STATE	PLAN IDENTIFICATION	FORMAL SUBMISSION	JOINT EXERCISE	PUBLIC MEETING	READY FOR HEADQTRS.	NRC REQUESTED DATE	INTERIM FINDING	FINAL FINDING	HEARING DATE	LICENSE DATE
VT	VERNON PLAN FOR VERMONT YANKEE	1/14/81	2/18/82*	4/ 0/82	4/ 7/82					
VT	GUILFORD PLAN FOR VERMONT YANKEE	1/14/81	2/18/82*	4/ 0/82	4/ 7/82					
VT	BRATTLEBORO PLAN FOR VERMONT YANKEE	1/14/81	2/18/82*	4/ 0/82	4/ 7/82					
VT	HALIFAX PLAN FOR VERMONT YANKEE	1/14/81	2/18/82*	4/ 0/82	4/ 7/82					
VT	MADISONBORO PLAN FOR VERMONT YANKEE	1/14/81	2/18/82*	4/ 0/82	4/ 7/82					
VT	DUNSTON PLAN FOR VERMONT YANKEE	1/14/81	2/18/82*	4/ 0/82	4/ 7/82					
CT	STATE PLAN FOR YANKEE-ROWE *									
MA	STATE PLAN FOR YANKEE ROWE * +	6/16/81	3/25/82	4/ 0/82	4/ 7/82	4/ 1/82	4/ 1/82	5/ 7/82P		
MA	BUCKLAND PLAN FOR YANKEE-ROWE	1/15/82*	3/25/82	4/ 0/82	4/ 7/82					
MA	CHARLEMONT PLAN FOR YANKEE-ROWE	1/15/82*	3/25/82	4/ 0/82	4/ 7/82					
MA	CLARKSBURG PLAN FOR YANKEE-ROWE	1/15/82*	3/25/82	4/ 0/82	4/ 7/82					
MA	COLRAIN PLAN FOR YANKEE-ROWE	1/15/82*	3/25/82	4/ 0/82	4/ 7/82					
MA	FLORIDA PLAN FOR YANKEE-ROWE	1/15/82*	3/25/82	4/ 0/82	4/ 7/82					
MA	HAWLEY PLAN FOR YANKEE-ROWE	1/15/82*	3/25/82	4/ 0/82	4/ 7/82					
MA	HEATH PLAN FOR YANKEE-ROWE	1/15/82*	3/25/82	4/ 0/82	4/ 7/82					
MA	MONROE PLAN FOR YANKEE-ROWE	1/15/82*	3/25/82	4/ 0/82	4/ 7/82					
MA	NO. ADAMS PLAN FOR YANKEE-ROWE	1/15/82*	3/25/82	4/ 0/82	4/ 7/82					
MA	SAVOY PLAN FOR YANKEE-ROWE	1/15/82*	3/25/82	4/ 0/82	4/ 7/82					
MA	ROWE PLAN FOR YANKEE-ROWE	1/15/82*	3/25/82	4/ 0/82	4/ 7/82					
NH	STATE PLAN FOR YANKEE-ROWE *									
NY	STATE PLAN FOR YANKEE-ROWE *									
VT	STATE PLAN FOR YANKEE-ROWE +	1/14/81	3/25/82	4/ 0/82	4/ 7/82	4/ 1/82	4/ 1/82	5/ 7/82P		
VT	STAMFORD PLAN FOR YANKEE-ROWE	1/14/81	3/25/82	4/ 0/82	4/ 7/82					
VT	READSBORO PLAN FOR YANKEE-ROWE	1/14/81	3/25/82	4/ 0/82	4/ 7/82					
VT	WILMINGTON PLAN FOR YANKEE-ROWE	1/14/81	3/25/82	4/ 0/82	4/ 7/82					
VT	WHITINGHAM PLAN FOR YANKEE-ROWE	1/14/81	3/25/82	4/ 0/82	4/ 7/82					
VT	SCARSBURG PLAN FOR YANKEE-ROWE	1/14/81	3/25/82	4/ 0/82	4/ 7/82					
VT	WOODFORD PLAN FOR YANKEE-ROWE	1/14/81	3/25/82	4/ 0/82	4/ 7/82					
IL	STATE PLAN FOR ZION * +	2/26/82-	7/29/81	8/12/81	7/23/82	4/ 1/82	4/ 1/82	8/23/82P		
IL	LAKE CO PLAN FOR ZION	6/11/82	7/29/81	8/12/81	7/23/82					
WI	STATE PLAN FOR ZION +	2/26/82-	10/ 7/81	11/ 4/81	7/23/82	4/ 1/82	4/ 1/82	8/23/82P		
WI	KENOSHA CO PLAN FOR ZION	2/26/82-	10/ 7/81	11/ 4/81	7/23/82					





STATUS OF OFF-SITE PLANS FOR NUCLEAR POWER PLANTS NOT YET LICENSED

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STATE	PLAN IDENTIFICATION	FORMAL SUBMISSION	JOINT EXERCISE	PUBLIC MEETING	READY FOR HEADQTRS.	NRC REQUESTED DATE	INTERIM FINDING	FINAL FINDING	HEARING DATE	LICENSE DATE
DE	KENT CO PLAN FOR HOPE CREEK (UC) *									
MD	STATE PLAN FOR HOPE CREEK (UC) *									
NJ	STATE PLAN FOR HOPE CREEK (UC) * +									
NJ	SALEM CO PLAN FOR HOPE CREEK (UC) +									
NJ	CUMBERLAND CO PLAN FOR HOPE CREEK (UC) +									
PA	STATE PLAN FOR HOPE CREEK (UC) *									
CT	STATE PLAN FOR JAMESPORT (UC) *									
NY	STATE PLAN FOR JAMESPORT (UC) *									
NY	SUFFOLK CO PLAN FOR JAMESPORT (UC)									
IL	STATE PLAN FOR LASALLE (UC) *	3/31/81	4/14/82	12/ 5/80	2/18/82	11/30/81	1/26/82	3/18/82P		6/ 0/82
IL	LASALLE CO PLAN FOR LASALLE (UC)	3/31/81	4/14/82	12/ 5/80	2/18/82					
IL	GRUNDY CO PLAN FOR LA SALLE (UC)	3/31/81	4/14/82	12/ 5/80	2/18/82					
IN	STATE PLAN FOR LASALLE (UC) *									
DE	STATE PLAN FOR LIMERICK (UC) *									
MD	STATE PLAN FOR LIMERICK (UC) *									
NJ	STATE PLAN FOR LIMERICK (UC) *									
PA	STATE PLAN FOR LIMERICK (UC) *									
PA	MONTGOMERY CO PLAN FOR LIMERICK (UC)								4/ 0/84	10/ 0/84
PA	BERKS CO PLAN FOR LIMERICK (UC)									
PA	CHESTER CO PLAN FOR LIMERICK (UC)									
IN	STATE PLAN FOR MARBLE H. (UC) * +									
IN	JEFFERSON CO PLAN FOR MARBLE HILL (UC)									
IN	SCOTT CO PLAN FOR MARBLE HILL (UC)									
IN	CLARK CO PLAN FOR MARBLE HILL (UC)									
KY	STATE PLAN FOR MARBLE HILL (UC) +									
KY	OLDHAM CO PLAN FOR MARBLE HILL (UC)									
KY	TRIMBLE CO PLAN FOR MARBLE HILL (UC)									
NC	STATE PLAN FOR MCGUIRE (U) *	11/ 3/80	12/ 0/82	12/ 4/80	3/20/81	3/17/81	3/17/81	6/ 4/81		6/ 0/82
NC	MECKLENBERG CO PLAN FOR MCGUIRE (U)	11/ 3/80	12/ 0/82	12/ 4/80	3/20/81			6/ 4/81		
NC	LINCOLN CO PLAN FOR MCGUIRE (U)	11/ 3/80	12/ 0/82	12/ 4/80	3/20/81			6/ 4/81		
NC	GASTON CO PLAN FOR MCGUIRE (U)	11/ 3/80	12/ 0/82	12/ 4/80	3/20/81			6/ 4/81		
NC	IREDELL CO PLAN FOR MCGUIRE (U)	11/ 3/80	12/ 0/82	12/ 4/80	3/20/81			6/ 4/81		
NC	CATAWBA CO PLAN FOR MCGUIRE (U)	11/ 3/80	12/ 0/82	12/ 4/80	3/20/81			6/ 4/81		
SC	STATE PLAN FOR MCGUIRE * (U)									
MI	STATE PLAN FOR MIDLAND (UC) *	6/ 0/83	3/ 0/83	3/ 0/83	10/ 0/83	6/30/82	7/30/82	11/ 0/83P	11/ 0/82	7/ 0/83









STATUS OF OFF-SITE PLANS FOR NUCLEAR POWER PLANTS NOT YET LICENSED

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STATE	PLAN IDENTIFICATION	FORMAL SUBMISSION	JOINT EXERCISE	PUBLIC MEETING	READY FOR HEADQTRS.	NRC REQUESTED DATE	INTERIM FINDING	FINAL FINDING	HEARING DATE	LICENSE DATE
WA	STATE PLAN FOR WPPSS 3,5 (UC) *									
WA	GRAYS HARBOR CO PLAN FOR WPPSS 3,5 (UC)									
OR	STATE PLAN FOR WPPSS 1,2,4 (UC) *									
WA	STATE PLAN FOR WPPSS 1,2,4 (UC) *		9/13/82		11/ 1/82	11/ 1/82	11/ 1/82	12/ 1/82P		7/ 0/82
WA	BENTON-FRNKLN CO PLAN FOR WPPSS 1,2,4 (UC)									
LA	STATE PLAN FOR WATERFORD (UC) *	11/25/81	6/ 0/82	6/ 0/82	8/20/82		2/15/82*	9/20/82P	3/23/82	11/ 0/82
LA	ST CHARLES PLAN FOR WATERFORD (UC)	11/25/81	6/ 0/82	6/ 0/82	8/20/82					
LA	ST JOHN PLAN FOR WATERFORD (UC)	11/25/81	6/ 0/82	6/ 0/82	8/20/82					
GA	STATE PLAN FOR WATTS BAR (UC) *									
TN	STATE PLAN FOR WATTS BAR (UC) *	1/ 1/82*	8/ 9/82	4/ 5/82	6/ 1/82	7/ 1/82	7/ 1/82	7/ 1/82P		7/ 0/82
TN	RHEA CO PLAN FOR WATTS BAR (UC)	1/ 1/82*	8/ 9/82	4/ 5/82	6/ 1/82					
TN	MCMINN CO PLAN FOR WATTS BAR (UC)	1/ 1/82*	8/ 9/82	4/ 5/82	6/ 1/82					
TN	MEIGS CO PLAN FOR WATTS BAR (UC)	1/ 1/82*	8/ 9/82	4/ 5/82	6/ 1/82					
TN	ROANE CO PLAN FOR WATTS BAR (UC)	1/ 1/82*	8/ 9/82	4/ 5/82	6/ 1/82					
KS	STATE PLAN FOR WOLF CREEK (UC) *	12/ 0/82	11/ 0/82	6/ 0/82	1/ 0/83	5/30/82	5/30/82	2/ 0/83P	10/ 0/82	4/ 0/83
KS	COFFEY CO PLAN FOR WOLF CREEK (UC)	12/ 0/82	11/ 0/82	6/ 0/82	1/ 0/83					
KS	ANDERSON CO PLAN FOR WOLF CREEK (UC)									
AL	STATE PLAN FOR YELLOW CRK (UC) *	11/ 1/83								
AL	LAUDERDALE CO PLAN FOR YELLOW CREEK (UC)	11/ 1/83								
AL	COLBERT CO PLAN FOR YELLOW CREEK (UC)	11/ 1/83								
MS	STATE PLAN FOR YELLW CRK (UC) *									
MS	TISHOMINGO CO PLAN FOR YELLOW CREEK (UC)									
TN	STATE PLAN FOR YELLOW CRK (UC) *	5/ 1/85	2/ 1/85	1/ 1/85	7/15/85			8/15/85P		
TN	HARDIN CO PLAN FOR YELLOW CREEK (UC)	5/ 1/85	2/ 1/85	1/ 1/85	7/15/85					
IN	STATE PLAN FOR ZIMMER (UC) *									
KY	STATE PLAN FOR ZIMMER (UC) *	3/12/82-	11/18/81	11/16/81	5/21/82	10/ 1/81	1/22/82	6/21/82P	1/25/82	7/ 0/82
KY	BRACKEN CO PLAN FOR ZIMMER (UC)	3/12/82-	11/18/81	11/16/81	5/21/82					
KY	PENDLETON CO PLAN FOR ZIMMER (UC)	3/12/82-	11/18/81	11/16/81	5/21/82					
KY	CAMPBELL CO PLAN FOR ZIMMER (UC)	3/12/82-	11/18/81	11/16/81	5/21/82					
OH	STATE PLAN FOR ZIMMER (UC) *	3/12/82-	11/18/81	11/16/81	5/21/82	10/ 1/81	1/22/82	6/21/82P	1/25/82	7/ 0/82
OH	CLERMONT CO PLAN FOR ZIMMER (UC)	3/12/82-	11/18/81	11/16/81	5/21/82					

STATUS OF STATE PLANS LISTED IN ORDER OF PROJECTED PLANT LICENSING DATE

STATE	PLAN IDENTIFICATION	FORMAL SUBMISSION DATE	JOINT EXERCISE DATE	PUBLIC MEETING DATE	READY FOR REQUESTED HEADQTRS. DATE	NRC DATE	INTERIM FINDING DATE	FINAL FINDING DATE	HEARING DATE	LICENSE DATE
LA	STATE PLAN FOR GRAND GULF (UC) *	9/ 3/81	11/ 4/81	10/27/81	6/ 0/82	11/15/81	3/ 1/82-	7/ 0/82P		2/ 0/82*
MS	STATE PLAN FOR GRAND OLF (UC) * +	12/ 1/81*	11/ 4/81	11/ 3/81	2/28/82-	11/15/81	3/ 1/82-	3/28/82P		2/ 0/82*
CA	STATE PLAN FOR SAN ONOFRE (U) *	7/15/82	5/13/81	5/18/81	9/15/82	11/20/81	12/ 1/81	10/15/82P	8/25/81	3/ 0/82-
CA	STATE PLAN FOR DIABLO CAN (UC) *	7/15/82	6/19/81	12/17/81	9/15/82	11/ 1/81	12/29/81	10/15/82P	1/ 0/82*	5/ 0/82
SC	STATE PLAN FOR SUMMER (UC) *	4/ 6/81	11/ 0/82	4/30/81	7/31/81	6/ 1/81	6/ 1/81	11/13/81	6/22/81	5/ 0/82
PA	STATE PLAN FOR SUSQUEHANNA (UC) *	5/ 3/82	3/18/82-	5/15/82	6/ 1/82	10/ 1/81	3/15/82-	7/ 1/82P	10/ 6/81	5/ 0/82
IL	STATE PLAN FOR LASALLE (UC) *	3/31/81	4/14/82	12/ 5/80	2/18/82	11/30/81	1/26/82	3/18/82P		6/ 0/82
NC	STATE PLAN FOR MCGUIRE (U) *	11/ 3/80	12/ 0/82	12/ 4/80	3/20/81	3/17/81	3/17/81	6/ 4/81		6/ 0/82
WA	STATE PLAN FOR WPPSS 1,2,4 (UC) *		9/13/82		11/ 1/82	11/ 1/82	11/ 1/82	12/ 1/82P		7/ 0/82
TN	STATE PLAN FOR WATTS BAR (UC) *	1/ 1/82*	6/ 9/82	4/ 5/82	6/ 1/82	7/ 1/82	7/ 1/82	7/ 1/82P		7/ 0/82
KY	STATE PLAN FOR ZIMMER (UC) +	3/12/82-	11/18/81	11/16/81	5/21/82	10/ 1/81	1/22/82	6/21/82P	1/25/82	7/ 0/82
OH	STATE PLAN FOR ZIMMER (UC) * +	3/12/82-	11/18/81	11/16/81	5/21/82	10/ 1/81	1/22/82	6/21/82P	1/25/82	7/ 0/82
MI	STATE PLAN FOR FERMI (UC) *	4/16/82	2/ 2/82	2/ 3/82	5/17/82	1/ 1/82	1/26/82	6/17/82P	3/ 0/82-	9/ 0/82
NY	STATE PLAN FOR SHOREHAM (UC) *	3/15/82-	6/15/82	7/ 7/82	6/ 6/82	12/ 1/81	4/ 1/82	9/ 6/82P	3/ 0/82-	9/ 0/82
MO	STATE PLAN FOR CALLAWAY (UC) *	9/ 0/82	12/ 0/82	6/ 0/82	2/ 0/83	1/ 1/82	2/15/82*	3/ 0/83P	5/ 0/82	10/ 0/82
TX	STATE PLAN FOR COMANCHE P. (UC) *	4/ 0/82	1/ 0/83	7/ 0/82	3/ 0/83		7/ 1/82	4/ 0/83P	12/ 2/81	10/ 0/82
FL	STATE PLAN FOR ST LUCIE (U) *	4/ 1/82	2/11/82	2/10/82*	5/ 1/82	4/ 1/82	3/15/82-	6/ 1/82P		10/ 0/82
AZ	STATE PLAN FOR PALO VERDE (UC) *	1/15/83	9/29/82	11/15/82	3/15/83	12/31/81	3/15/82-	4/15/83P	5/ 0/82	11/ 0/82
LA	STATE PLAN FOR WATERFORD (UC) *	11/25/81	6/ 0/82	6/ 0/82	6/20/82		2/15/82*	9/20/82P	3/23/82	11/ 0/82

STATUS OF STATE PLANS LISTED IN ORDER OF PROJECTED PLANT LICENSING DATE

STATE	PLAN IDENTIFICATION	FORMAL SUBMISSION DATE	JOINT EXERCISE	PUBLIC MEETING	READY FOR HEADQTRS.	NRC REQUESTED DATE	INTERIM FINDING	FINAL FINDING	HEARING DATE	LICENSE DATE
IL	STATE PLAN FOR CLINTON (UC) *	1/ 0/83	10/ 0/82	10/ 0/82	3/ 0/83	3/28/82	5/18/82	4/ 0/83P	8/ 0/82	1/ 0/83
IL	STATE PLAN FOR BYRON (UC) *	1/15/83	8/ 0/82	8/ 0/82	1/31/83	3/30/82	7/22/82	2/31/83P	8/ 0/82	4/ 0/83
KS	STATE PLAN FOR WOLF CREEK (UC) *	12/ 0/82	11/ 0/82	6/ 0/82	1/ 0/83	5/30/82	5/30/82	2/ 0/83P	10/ 0/82	4/ 0/83
OH	STATE PLAN FOR PERRY (UC) *					6/30/82	9/ 1/82		11/ 0/82	5/ 0/83
MI	STATE PLAN FOR MIDLAND (UC) *	6/ 0/83	3/ 0/83	3/ 0/83	10/ 0/83	6/30/82	7/30/82	11/ 0/83P	11/ 0/82	7/ 0/83
NC	STATE PLAN FOR CATAWBA (UC) +		9/ 0/82	9/ 0/82		9/30/82	9/30/82		2/ 0/83	8/ 0/83
SC	STATE PLAN FOR CATAWBA (UC) * +		9/ 0/82	9/ 0/82		9/30/82	9/30/82		2/ 0/83	8/ 0/83
LA	STATE PLAN FOR RIVER BEND (UC) *	5/ 0/82	6/ 0/82	6/ 0/82	7/ 0/82	11/29/82	11/29/82	11/29/82	4/ 0/83	10/ 0/83
MA	STATE PLAN FOR SEABROOK (UC) +					10/30/82	10/30/82		3/ 0/83	11/ 0/83
NH	STATE PLAN FOR SEABROOK (UC) * +					10/30/82	10/30/82		3/ 0/83	11/ 0/83
TX	STATE PLAN FOR 90. TEXAS (UC) *	4/ 0/83	5/ 0/83	5/ 0/83	7/ 1/83	8/ 1/83	8/ 1/83	8/ 1/83P	1/ 0/84	7/ 0/84

PART II  
TABLE II

STATUS OF EFFORTS TO OBTAIN PLANS IN SUPPORT OF PLANTS LICENSED TO OPERATE  
(Response to question 1.f.)

The first column in Table I on pages 19 through 28 lists the date of formal submission of offsite emergency preparedness plans in support of plants licensed to operate.

Dates in the future have been projected based upon information provided by the FEMA Regions as a result of their intimate knowledge of the State and local situation. All plans have been received informally in draft and are being reviewed by the FEMA Regional Assistance Committees. A joint exercise will be completed not later than April 1, 1982, except for those sites noted below.

PEACH BOTTOM (PA)

By letter to NRC dated August 19, 1981, the Philadelphia Electric Company requested a two to three month extension for the Peach Bottom full-scale emergency plan exercise as required by 10 CFR 50, Appendix E. After considering the impact of the requested extension on the state of emergency preparedness at Peach Bottom, NRC Headquarters determined that the request was acceptable and authorized the licensee to conduct the exercise no later than mid June, 1982.

The State of Pennsylvania is completing the final draft of their plans site-specific to Peach Bottom and is projecting submission to FEMA Region III on April 1, 1982. They project formal submission of their plans on May 22, 1982. The State, in conjunction with the Utility, has scheduled the exercise for June 16, 1982. In Pennsylvania, development of the Peach Bottom plans had a lower priority than the development of plans and the conduct of exercises for Susquehanna, Beaver Valley, and TMI. State staff limitations are such that they cannot improve on this schedule. FEMA Region III has been in contact with officials from the State of Pennsylvania and will continue working with the State.

FITZPATRICK (NY)

The State and local offsite emergency plans were developed in draft and submitted to FEMA Region II on June 25, 1981. The plans were formally submitted to FEMA Region II on July 22, 1981. Regional Assistance Committee (RAC) review comments have been furnished to the State. Offsite emergency preparedness was evaluated at the Nine Mile Point exercise conducted September 15, 1981. An exercise evaluation report on offsite emergency preparedness was provided to NRC on December 4, 1981.

NRC has granted an extension to the Fitzpatrick facility, consistent with their proposed rule revision that would allow sites where local government is impacted by two facilities to exercise one before April 1, 1982, and the other prior to September 1, 1982. The exercise has tentatively been scheduled for July 28 and 29, 1982.

RANCHO SECO (CA)

On September 24, 1981, the Sacramento Municipal Utility District (SMUD), the counties of Amador, Sacramento, and San Joaquin, and the State of California established March 17, 1982, as a tentative date for the joint exercise. However, at the December 9, 1981, morning meeting of the Rancho Seco Emergency Planning Team, it was recommended that June 23, 1982, be designated as the exercise date for the Rancho Seco Emergency Plan. The delay to June 23, 1982, was required to ensure adequate time to complete the offsite plans and training which is a prerequisite to the exercise. The Joint Powers Authority board of Directors' meeting the afternoon of December 9, 1981, concurred with the recommended date change. On January 18, 1982, by letter to NRC the Assistant General Manager of SMUD requested an exemption to the requirements to hold a full-scale exercise prior to April 1, 1982.

State and local plans are in various stages of completion. Final drafts of all offsite plans are now scheduled for submission to FEMA Region IV on March 15, 1982. The plans will be reviewed prior to the exercise now scheduled to be held June 23, 1982.



PART II  
TABLE III

CAUSE OF DELAYS AND MEASURES THAT CAN BE OR ARE BEING TAKEN TO REDUCE  
DELAYS IN RECEIPT OF PLANS WHICH ARE IMPACTING THE LICENSING PROCESS  
(Response to question 3.g.)

Sites involved are: Byron, Callaway, Clinton, Comanche Peak, Fermi, Midland, Palo Verde, Perry, Shoreham, Susquehanna, and Waterford.

BYRON (IL)

Plans are required for the three counties of Ogle, Stephenson, and Winnebago in addition to the State of Illinois site-specific plan. The State's practice has been to do the site-specific planning in conjunction with the political subdivisions. State involvement in the planning and subsequent drills and training has taken about seven months for each of the sites. Illinois, in general, has a myriad of problems beyond their already heavy schedule. There is a State hiring freeze. The freeze plus the preclusion of State employees currently on board from being utilized for REP planning complicate the accomplishment of the State workload. Resources are stretched thin by the planning efforts to date, the number of plants operating and under construction, and related plan updating, site-specific drills, training, and exercising. The scheduling of planning in regard to Byron has only begun to be addressed by the State. No actual planning has been started. This is further complicated because of the interrelated REP activities of FEMA Region V and the other six States involved in this program. FEMA Region V has been in contact with the State of Illinois and will continue working with the State and press for accelerating progress in planning for the Byron site.

CALLAWAY (MO)

Plans are required for the four counties of Callaway, Montgomery, Gasconade, and Osage, in addition to the State of Missouri site-specific plan. Two plans have been developed, namely the State plan entitled the "Missouri Nuclear Accident Plan" and the "Callaway Offsite Emergency Response Plan," a combined plan for the four counties. These plans, completed in draft and submitted on October 15, 1981, are still in rudimentary form and fall short of complying with NUREG 0654/FEMA REP-1. However, Regional RAC screening was completed in December and an interim finding on the plans alone is scheduled to be furnished to NRC on February 15, 1982. An exercise is not scheduled until December 1982.

CLINTON (IL)

Plans are required for the four counties of DeWitt, Macon, McLean, and Pratt, in addition to the State of Illinois site-specific plan. The discussion listed under Byron (see above) is also applicable to the Clinton site. The scheduling of planning in regard to Clinton has only begun to be addressed by the State. No actual planning has been started, except for an initial meeting with the Clinton Utility at which time a fuel loading date of October 1982 was projected as the earliest possible date. According to the Utility, this was likely to slip. Completion of construction is now projected for January 1983. FEMA Region V has been in contact with the State of Illinois and will continue to work with the State and press for accelerating progress in planning for the Clinton site.

#### COMANCHE PEAK (TX)

Plans are required for the two counties of Hood and Somervell in addition to the State of Texas site-specific plan. A meeting was conducted on July 10, 1981, with FEMA, members of the RAC, the State, and the Utility. The Utility again verified that its plans called for fueling of this facility in early 1983 and again expressed to the State that the projected date for completion of its plan and the joint exercise on or about July 1, 1982, was adequate to meet its licensing requirement. FEMA Region VI reminded participants at the meeting of the NRC imposed dates for hearings and licensing. The Utility indicated that they were unaware of the scheduled hearing dates and indicated that NRC representatives had informally been made aware of the 1983 planned fueling date, although for its own reasons had not made these dates public. However, by letter dated October 29, 1981, to NRC, the Utility did advise NRC that their revised estimated fuel load date is June 1983. However, the Dallas Morning News on October 27, 1981, reported that company officials said on October 26, 1981, that the first reactor would be completed in 1984 and the second in 1985. This is the fifth time that the anticipated completion date has been pushed back. As a result, FEMA sees no need to meet a November 1, 1981, deadline for an interim finding on the State plans. It appears the State's schedule for plan development is adequate to meet the Utility's requirements. Any change from this schedule will require additional directives from NRC to the Utility, which could then result in additional Utility/State negotiations. FEMA Region VI has been in contact with the State of Texas, but the Health Department is unwilling to accelerate development of plans beyond the dates discussed above.

#### FERMI (MI)

Plans are required for the counties of Monroe and Wayne and the State of Michigan site-specific plan. The 10 mile emergency planning zone extends about 1 mile into the Canadian province of Ontario. FEMA Region V has been in contact with the State of Michigan. The Michigan State level plan is complete except for the need to make minor adjustments to incorporate site-specific modifications. The site-specific plans were completed November 19, 1981. Planning is complex due to international as well as local-political subdivisions and high density population within the Plume EPZ and the ingestion zone. A joint exercise will be held February 2, 1982. Regional RAC reviews were completed January 19, 1982. A public meeting will be held February 3, 1982. Formal submission is projected for April 16, 1982. Based upon the above, FEMA will provide a supplemental interim finding of the plans and the exercise to the NRC by March 15, 1982.

#### MIDLAND (MI)

Plans are required for the three counties of Midland, Bay, and Saginaw in addition to the State of Michigan site-specific plan. Site specific plans are about 80% complete. Planning is complex due to high density population within the plume EPZ and the ingestion zone. The State's economic cutback involves work reduction programs, a freeze on hiring, and mandatory lay-off days without pay (September 25, 1981, was the sixth and final unpaid day off in fiscal year 1981) for State employees. Three more unpaid lay-off days have been projected during the first six months of fiscal year 1982; however, it has not been decided if they will be ordered by the Governor. The direct effects on the State of Michigan REP planning effort has been a loss of 6 State Emergency Services Division employees and 2 field representatives, resulting in reassignment of workload and less manpower now available for REP work. FEMA Region V has been in contact with the State of Michigan and will continue to work with the State and press for accelerating progress in this planning effort.

#### PALO VERDE (AZ)

Plans are required for the county of Maricopa in addition to the State of Arizona site-specific plan. Region IX expects to receive a copy of the draft plans for their review by February 10, 1982. Provided the draft plans are delivered as currently scheduled, an interim finding based on the plans review only is scheduled to be provided to NRC by March 15, 1982, approximately 60 days prior to the current projected date for the start of hearings.

#### PERRY (OH)

Plans are required for the three counties of Ashtabula, Geauga, and Lake in addition to the State of Ohio site-specific plan. An engineering consulting company is under contract to develop the REP plans for Ashtabula and Geauga Counties. Lake County has not selected a contractor. This could result in a major delay. FEMA Region V has been in contact with the State of Ohio and will continue to work with the State and press for accelerating progress in planning for the Perry site.

#### SHOREHAM (NY)

Plans are required for the County of Suffolk in addition to the State of New York site-specific plan. Development of plans for Shoreham has had a lower priority than the development of plans for other sites in the State of New York. The joint exercise has been delayed by the Utility and the State and is currently scheduled for June 16, 1982. Therefore, the interim finding by FEMA scheduled to NRC by April 1, 1982, will be based upon a review of the plans only. The public meeting has been scheduled for July 7, 1982. The State has scheduled formal submission of their plans for March 15, 1982. A draft of the plan will not be available prior to the formal submission.

#### SUSQUEHANNA (PA)

Plans are required for the two counties of Luzerne and Columbia in addition to the State of Pennsylvania site-specific plan. The State level site-specific plan for Susquehanna will be very similar to the State level site-specific plan for Three Mile Island. The Three Mile Island site-specific State level plan has been reviewed by the RAC and is scheduled for formal submission on May 3, 1982. The draft State level site specific plan for Susquehanna has been delayed. When delivered, it is expected to be in very good shape. The two county plans have been received and FEMA Region III has used these plans to answer contentions for the Atomic Safety and Licensing Board (ASLB) in accordance with the FEMA/NRC Memorandum of Understanding. FEMA Regional testimony before the ASLB on offsite emergency preparedness regarding the Susquehanna facility was concluded on October 22, 1981. The Regional Assistance Committee (RAC) review of the county plans has been completed. FEMA is scheduled to provide NRC an updated interim finding by March 15, 1982.

WATERFORD (LA)

Plans are required for the two parishes of St. Charles and St. John in addition to the State of Louisiana site-specific plan. Offsite plans for the Waterford Facility were provided by Louisiana on November 25, 1981, (approximately one month late) for review by the Regional Assistance Committee (RAC). A RAC review was completed in January 1982. The State of Louisiana has also developed a State plan site-specific for the Grand Gulf facility in Mississippi whose 10 mile EPZ includes Tensas Parish in Louisiana. An interim finding is scheduled to be provided to NRC by February 15, 1982, which precedes the hearing scheduled for March 1982.

PART II  
● Table IV

SUMMARY OF FEMA STAFF EFFORT ASSIGNED TO THE REP ACTIVITY  
(Response to question No. 4)

REPORTING PERIOD: January 1, 1982, through January 31, 1982.

<u>Location</u>	<u>Number of person months*</u>
Region - 1	3.50
Region - 2	8.50
Region - 3	4.50
Region - 4	5.62
Region - 5	11.60
Region - 6	2.65
Region - 7	2.00
Region - 8	- .94
Region - 9	4.40
Region - 10	2.29
Headquarters	<u>18.50</u>
Total	64.50

\* These are "Equivalent" staff levels since the REP program draws on staff members from other programs on a task related basis.

PART II  
TABLE V

INSTANCES OF FEDERAL AGENCIES PROVIDING LESS THAN FULL SUPPORT  
TO RAC REVIEWS OF PLANS AND PREPAREDNESS  
(Response to question No. 5)

- R-2 RAC comments from all Federal agencies have now been received on the State of New York Plan and the site-specific county plans for Orange, Putnam, Rockland, and Westchester.
- HHS/PHS has indicated that because of a reduction in staff they will not participate in the Indian Point exercise on March 3, 1982. In addition, the following RAC members -- HHS/PHS, EPA, and FDA -- will not participate in the Oyster Creek exercise scheduled for March 16, 1982.
- R-4 HHS supported the RAC IV review of the South Carolina and Florida REP plans. However, exercise support for the remainder of FY-82 is still undetermined. FDA will provide exercise observers for the St. Lucie exercise in February. Other HHS agencies will not support the St. Lucie exercise.
- R-8 DOE and USDA Regional Assistance Committee members have not participated in RAC business in some time and do not plan to participate at the Forward Command Post briefing scheduled for February 17, 1982.
- R-9 Cooperation by Regional RAC member Federal agencies continues to be  
R-10 outstanding.

SUMMARY

Regional Assistance Committee participation by other Federal agency representatives, which had improved significantly in plan review and exercise observation during the last part of fiscal year 1981 is varying during FY 82 and threatened by staff reductions and budget limitations in some Federal agencies.

PART II  
● TABLE VI

INSTANCES OF STATE AND LOCAL GOVERNMENT RELUCTANCE TO SUBMIT PLANS  
(Response to question No. 6)

FEMA has no formal documented record of a refusal by a State to submit plans. Previously we reported that six towns in New Hampshire in the Seabrook emergency planning zone had formally stated in writing to the State of New Hampshire that there was no way to safely evacuate the emergency planning zone, and that no town money would be spent on developing plans. Towns were Rye, Kensington, Hampton, Hampton Falls, Seabrook, and South Hampton.

The State has now passed new enabling legislation and the contract has been awarded for development of State and local plans. Draft plans are expected in December 1982.

PART II  
TABLE VII

INSTANCES OF STATE AND LOCAL GOVERNMENTS MAKING PLANS CONTINGENT ON  
FINANCIAL COMMITMENTS OF THE UTILITY  
(Response to question No.7)

No significant change from last months report.

On April 2, 1981, the St. Lucie Board of County Commissioners resolution #81-37 requested NRC & FEMA to require Florida Power & Light to pay costs of a bridge, sirens, a central communications center in a protected facility, a fire station on the Florida Power & Light property, and tests of the emergency plan. To date, the County Commissioners position remains unchanged.

The State of Oregon has legislation which required Portland General Electric to finance offsite preparedness.

The State of Washington has negotiated agreements/contracts to finance offsite preparedness with both commercial utilities operating in the State, namely the Washington Public Power Supply System and the Puget Sound Power and Light Co. Cowlitz County has negotiated a separate agreement/contract with the Portland General Electric Company. Benton and Franklin Counties have an arrangement for financing various preparedness programs with the Washington Public Power Supply System. Progress in the development of offsite plans would not have occurred if these agreements were not in place and continuing.

The Town of Monroe, Massachusetts with a population of 216 is 3/4 of a mile west of the Yankee Atomic Plant at Rowe, Massachusetts. The Board of Selectmen consider their road network inadequate for evacuation and refused to approve the plans prepared by the State. The town, by letter to FEMA dated June 10, 1981, requested FEMA to instruct Yankee, via the NRC, to provide them with funds to rebuild the roads. The Massachusetts Civil Defense Agency inspected the area July 8, 1981, and, by letter dated July 22, 1981, advised the town of Monroe that they found the routes adequate. The impasse continues since by letter dated August 17, 1981, the town of Monroe documented their disagreement with the State position. FEMA Region I is currently investigating the situation and seeking a solution to it.

Last fall the Board of New Jersey Freeholders in Ocean County, New Jersey, disapproved a request by the Jersey Central Power and Light Company to have Ocean County accept ownership for the Alert and Notification System. Ocean County has now agreed verbally to accept responsibility for the siren system. The Board of Public Utilities received a blanket variance on December 17, 1981, with the exception of the Pinelands which is contingent upon approval by the Pinelands Commission. The remaining problem to be resolved is the obtaining of the right-of-ways. All equipment has been received and installation is nearly complete.






# Federal Emergency Management Agency

Washington, D.C. 20472

**9** MAR 1982

MEMORANDUM FOR: Brian Grimes  
Director  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission

FROM:   
Richard W. Krimm  
Assistant Associate Director  
Office of Natural and Technological Hazards

SUBJECT: Interim Report - Status of New York State and Local Plans  
and Preparedness for Shoreham

As required by the latest monthly report to Senator Simpson and in accordance with the joint Nuclear Regulatory Commission and the Federal Emergency Management Agency (NRC/FEMA) Memorandum of Understanding executed on November 4, 1980, this is a status report on plans and preparedness in support of the Shoreham nuclear power facility.

FEMA Region II has not received the State site specific and the Suffolk County plans. Therefore FEMA cannot comment on the adequacy of offsite plans or preparedness for the Shoreham site.

The State is scheduled to make a formal submission of its offsite plans and preparedness to Region II in accordance with the proposed FEMA Rule 44 CFR 350, by March 15, 1982. The review of the offsite plans by the Regional Assistance Committee is scheduled for completion by April 15, 1982. The joint exercise is scheduled for June 16, 1982. Therefore FEMA intends to provide an interim finding, based upon a review of plans only as soon after April 15, 1982 as possible.

ATTACHMENT D

8-203240-47

STATUS OF STAFF REVIEW OF OPEN ITEMS

<u>Open Item</u>	<u>SER or SSER Section</u>	<u>Status</u>	<u>Estimated Resolution Date</u>
1. Pool Dynamic Loads	3.8.1, 3.8.2	Awaiting further information	April, 1982
6. Downcomer Fatigue Analysis	3.9.2.1	Resolved pending confirmation (12/81) <sup>1/</sup>	April, 1982
8. Dynamic Qualification	3.10	Awaiting second audit (5/82) <sup>2/</sup>	June, 1982
9. Environmental Qualification		Awaiting audit (5/82) <sup>2/</sup>	June, 1982
10. Seismic and LOCA Loadings	4.2.3.4	Resolved pending confirmation (7/82) <sup>3/</sup>	September, 1982
11. Supplemental ECCS Calculations with NUREG- 0630 Model	4.2.3.3	Awaiting further information (3/82) <sup>2/</sup>	April, 1982
15. Inservice Testing of Pumps and Valves	5.2.2	Resolved	February, 1982
19. Preservice Inspection	6.6	Resolved pending confirmation (6/82) <sup>3/</sup>	August, 1982
26. Suppression Pool Bypass	6.2.1.7	Staff Position	June, 1982
28. Steam Condensation Oscillation and Chugging Loads	6.2.1.8	Resolved pending confirmation(12/81) <sup>1/</sup>	April, 1982
32. Steam Condensation Sub- merged Drag Loads	6.2.1.8	Resolved pending confirmation (12/81) <sup>1/</sup>	April, 1982
36. Containment Purge System	6.2.3.1	Resolved pending confirmation (1/82) <sup>1/</sup>	April, 1982
39. Emergency Procedures	6.3.1, 6.3.2	Awaiting LILCO submittal (4/82) <sup>2/</sup>	May, 1982
46. OIE Bulletin 79-27	7.5	Resolved pending confirmation (4/82) <sup>3/</sup>	May, 1982

<u>Open Item</u>	<u>SER or SSER Section</u>	<u>Status</u>	<u>Estimated Resolution Date</u>
47. Control System Failures	7.7	Resolved pending confirmation (7/82) <sup>3/</sup>	August, 1982
48. High Energy Line Breaks	7.7	Resolved pending confirmation (4/82) <sup>3/</sup>	May, 1982
52. Management Organization	13.1, 13.2, 13.4, 13.5	Under Review	June, 1982
53. Emergency Planning	13.3	Awaiting further information	September, 1982
57. TMI-2 Requirements:			
Shift Technical Advisor	I.A.1.1	Resolved with license condition	April, 1982
Training Programs - Operators	I.A.2.3	Resolved pending confirmation (8/82) <sup>3/</sup>	August, 1982
Vendor Review of Procedures	I.C.7	Resolved pending confirmation (7/82) <sup>3/</sup>	August, 1982
Emergency Procedures	I.C.8	Resolved pending confirmation (6/82) <sup>3/</sup>	September, 1982
Control Room Design Review	I.D.1	Resolved with license condition <sup>4/</sup>	May, 1982
Postaccident Sampling	II.B.3	Resolved (Below 5% Power) License Condition (Above 5% Power)	
Relief & Safety Valves	II.D.1	Resolved pending confirmation (12/81) <sup>1/</sup>	May, 1982
Containment Isolation Dependability	II.E.4.2	Resolved pending confirmation (7/82) <sup>3/</sup>	August, 1982
Accident-Monitoring Instrumentation	II.F.1		
Attachment 1		Resolved pending confirmation (6/82) <sup>3/</sup>	August, 1982
Attachment 5		Staff position (4/82) <sup>2/</sup>	May, 1982

<u>Open Item</u>	<u>SER or SSER Section</u>	<u>Status</u>	<u>Estimated Resolution Date</u>
57. TMI-2 Requirements:			
Inadequate Core Cooling	II.F.2	Awaiting further Information (7/82) <sup>2/</sup>	August, 1982
IE Bulletins	II.K.1		
Item 5		Resolved pending confirmation	September, 1982
Item 10		Resolved pending confirmation	September, 1982
Bulletins & Orders Task Force	II.K.3		
Item 13		Resolved pending confirmation (7/82) <sup>3/</sup>	August, 1982
Item 16		Resolved pending confirmation (3/81) <sup>3/</sup>	December, 1982
Item 28		Awaiting further information (4/82) <sup>2/</sup>	May, 1982
Item 45		Resolved pending confirmation	July, 1982
Emergency Preparedness - Short Term	III.A.1.1	Awaiting further information	April, 1982
Upgrade Emergency Support Facilities	III.A.1.2	Under review	May, 1982
Emergency Preparedness - Long Term	III.A.2	Awaiting further information	September, 1982
Control Room Habitability	III.D.3.4	Resolved pending confirmation (4/82) <sup>3/</sup>	May, 1982
60. Station Blackout - Generic Letter 81-04		Resolved pending confirmation (6/82) <sup>3/</sup>	August, 1982
61. Scram System Piping	6.3.2	Awaiting further information (5/82) <sup>2/</sup>	September, 1982
62. Remote Shutdown System	7.4.3	Awaiting further information (4/82) <sup>2/</sup>	April, 1982

<u>Open Item</u>	<u>SER or SSER Section</u>	<u>Status</u>	<u>Estimated Resolution Date</u>
63. Design Verification	1.7 (SSER-2)	Awaiting further information	September, 1982

- 
- 1/ Confirmation has been submitted by LILCO on date given, but not yet verified by NRC Staff.
  - 2/ Estimated date for the required action.
  - 3/ Estimated date for confirmation to be submitted by LILCO. Verification by NRC Staff will follow.
  - 4/ NRC Staff expects to require a license condition.

INSERT

Page 54, Insert After Line 1295

Mr. Dircks subsequently submitted for the record the following information prepared by the NRC staff:

The January 1982 monthly status report to Mr. Bevill, Chairman, Subcommittee on Energy and Water Development, identifies thirty-three (33) nuclear power plants which are estimated by applicants to be completed by the end of CY 83.

In response to your request, the NRC estimates that twenty-three (23) of the thirty-three (33) nuclear power plants will be completed by the end of CY 83. Please note that the dates contained herein are based on the NRC staff's estimate of the status of the plant at this time. These dates are based on the assumption that (1) the applicant's commitment to build the facility stays at about the same level, (2) that the applicant makes no major efforts to accelerate plant completion, and (3) that no unforeseen significant technical design or construction problems develop.

A comparison between the NRC and applicant estimates of construction completion dates for all operating license applications is found in Attachment 1. Attachment 2 contains a discussion of how the NRC estimated date for each plant was obtained.

The NRC has adopted the philosophy as part of the Recovery Plan to use the applicant's construction completion date in the development of licensing schedules.

The NRC has requested the utilities to provide quarterly updates of the construction completion schedules for each facility until issuance of the Safety Evaluation Report (SER).

The NRC estimates of construction completion dates are used to provide an independent verification of utility dates. For most applicants, the NRC estimates are derived from several sources through the NRR Project Manager. The primary sources used are the Resident Inspector, Regional personnel, the NRR Project Manager, and NRC management. For some cases (approximately twelve (12) per year), formal estimates by the Caseload Forecast Panel (CFP) are required.

For construction completion estimates that are more than six months apart, senior NRC management meets with utility representatives in order to reconcile the differences.

ATTACHMENT 1

ESTIMATED CONSTRUCTION COMPLETION DATES  
FOR OL APPLICANTS IN JANUARY, 1982 BEVILL REPORT

<u>PLANT NAME</u>	<u>APPLICANT ESTIMATED DATE</u>	<u>NRC ESTIMATED DATE</u>	<u>PLANT NAME</u>	<u>APPLICANT ESTIMATED DATE</u>	<u>NRC ESTIMATED DATE</u>
LaSalle 1	02/82	03/82	Clinton 1	01/83	08/83 <sup>4/</sup>
Grand Gulf	03/82	07/82	McGuire 2	04/83	04/83 <sup>3/</sup>
San Onofre 2	01/82	02/82	Watts Bar	06/83	01/84 <sup>1/ , 4/</sup>
Summer 1	02/82	04/82	Byron 1	04/83	10/83
Diablo Canyon 1	03/81	03/82	Wolf Creek 1	12/83	07/84 <sup>2/</sup>
Diablo Canyon 2	07/82	12/82 <sup>3/</sup>	Susquehanna 2	07/83	12/83 <sup>3/</sup>
Susquehanna 1	07/82	08/82	Perry 1	05/83	12/83 <sup>2/</sup>
LaSalle 2	01/83	01/83 <sup>3/</sup>	Midland 2	07/83	10/83
Watts Bar 1	08/82	08/83 <sup>1/ , 2/</sup>	Catawba 1	08/83	02/84
WNP-2	12/82	02/84 <sup>2/</sup>	Bellefonte 1	09/83	04/84 <sup>4/</sup>
Zimmer 1	07/82	01/83	River Bend 1	04/85	01/86 <sup>5/</sup>
San Onofre 3	11/82	02/83 <sup>3/</sup>	Seabrook 1	11/83	12/84 <sup>2/</sup>
Fermi 2	07/82	02/84 <sup>2/</sup>	Palo Verde 2	11/83	06/84 <sup>3/ , 4/</sup>
Shoreham 1	09/82	12/82	Comanche Peak 2	12/83	12/85 <sup>3/ , 4/</sup>
Comanche Peak 1	06/83	12/83	Midland 1	12/83	04/84 <sup>3/</sup>
St. Lucie 2	10/82	10/82	South Texas 1	07/84	12/85 <sup>4/</sup>
Callaway	06/83	12/83	Limerick	10/84	10/84
Palo Verde 1	11/82	03/83	Harris 1	12/84	12/84
Waterford 3	10/82	10/82	Braidwood 1	04/85	12/85 <sup>5/</sup>

<sup>1/</sup> NRC review effort minimal if closely following recently licensed Sequoyah, Units 1 & 2 (due to their design similarities).

<sup>2/</sup> NRC-utility management meeting scheduled to resolve large differences in construction completion dates.

<sup>3/</sup> Review effort mainly completed in connection with review of previous unit.

<sup>4/</sup> Caseload Forecast Panel site visit scheduled for CY 82 to review large differences in construction completion dates.

<sup>5/</sup> Caseload Forecast Panel site visit to be scheduled for CY 83 if large differences in construction completion dates remain.



## ATTACHMENT 2

All NRC estimates of construction completion dates were derived, as discussed below, in January 1982.

LaSalle 1: Primary source was a discussion held with the LaSalle NRC Resident Inspector. This date was the most optimistic date that the Resident Inspector estimated.

Grand Gulf 1: Based on input from and discussions with the NRC Resident Inspector, Region II Personnel, and the applicant's letter of December 1981, indicating the plant was 93% complete. Caseload Forecast Panel estimated a July 1982 completion date following the site visit in 1980.

San Onofre 2: Based on almost daily contact with Regional personnel, and the NRC Resident Inspector.

Summer 1: Primary source was a memorandum dated January 6, 1982, from R. Lewis, Director, Division of Resident and Reactor Project Inspection, Region II to D. Eisenhut, Director, Division of Licensing, Office of Nuclear Reactor Regulation. This memorandum was submitted in response to Inspection Procedure 94300 B and subsequent memoranda will be issued monthly. The latest estimate from Region II is for completion of the facility by mid-April 1982.

Diablo Canyon 1 and 2: Primarily based on discussions with Region V. Region V indicated a construction completion date for Diablo Canyon, Unit 2 was December 1982. However, preoperational testing is not expected to be completed at that time.

Susquehanna 1: Primarily based on discussions held with the NRC Resident Inspector. The estimate was essentially based on the applicant's completion of the preoperational testing.

LaSalle 2: Primarily based on a letter dated January 7, 1982, in which the applicant specified the date of January 31, 1983, as the LaSalle Unit 2 new target fuel load date. Because the major portion of the NRC review effort was completed during the review of Unit 1, a more detailed estimate of construction completion is not warranted.

Watts Bar 1: Based primarily upon the historical construction rates of other utilities. As of December 1981, Unit 1 was estimated to be approximately 80% complete. Discussions with the Resident Inspector supported this estimate. A utility/NRC senior management meeting is being scheduled to resolve the difference between the NRC and utility estimates.

WNP-2: The applicant held meetings with the representatives of NRC's Caseload Forecast Panel (CFP) at the site of the WNP-2 plant on October 19, 20 and 21, 1981. The applicant described the progress of engineering and construction at the WNP-2 site. Based on the work completed and work remaining, the CFP projected a February 1984 fuel load date. A utility/NRC senior management meeting is being scheduled to resolve the difference between the NRC and utility estimates.

Zimmer 1: In February 1981 the Caseload Forecast Panel estimated that Zimmer could be completed by August 1982. However, it was indicated that this forecast was based on the assumption that the utility could perform preoperational testing at the rate it said it could. If the utility could perform only as well as utilities have historically, then the estimate would be January 1983. The utility has done neither. Therefore, although the current NRC estimate is January 1983, this estimate might be optimistic.

San Onofre 3: Based primarily upon the utility contention that construction of Unit 3 lags construction of Unit 2 by approximately one year. Because the major portion of the NRC review effort was completed during the review of Unit 2, a more detailed estimate of construction completion is not warranted.

Fermi 2: Primary source was Caseload Forecast Panel visit of September 1981. A utility/NRC senior management meeting will be scheduled to resolve the difference between the NRC and utility estimate.

Shoreham 1: Date derived based on consensus of the combined judgments of the Project Manager, the NRC Resident Inspector, and the Region I Principal Inspector. This consensus was based on the applicant's progress on the critical path construction items which involved turnovers to startup and preoperational testing.

Comanche Peak 1: Primarily based on discussions with the Resident Construction Inspector (NRC).

St. Lucie 2: Region II and the Resident Inspector provided input to the NRC estimates. When asked to identify any known delays, they indicated that there was no reason to believe that St. Lucie 2 would not meet the utility schedule. In addition, the applicant updates a Project Master Schedule that shows critical path progress. An 11 week delay because of some welding problems on large bore piping was being made up demonstrating the applicant's determination to maintain schedule. A recent monthly status report published by the applicant shows that the 11 week delay has been reduced to 4 weeks.

Callaway 1: Primarily based on discussions with the Resident Inspector at the twin plant (Wolf Creek). The NRR Project Manager and Resident Inspector both agree that December 1983 for Callaway is more likely than applicant's estimate of June 1983 for fuel load based on current status of construction. A Caseload Forecast Panel site visit is scheduled for July 1982.

Palo Verde 1: Primarily based upon the results of the October 1980 Caseload Forecast Panel site visit as modified by the applicant's aggressive pursuit of its own construction schedule.

Waterford 3: Primarily based upon discussions between the Project Manager and various levels of utility management as supported by the results of the last Caseload Forecast Panel site visit in January 1981.

Clinton 1: Primarily based upon the results of the last Caseload Forecast Panel site visit in November 1980. However, because of quality assurance problems, electrical cable work has been stopped since January 19, 1982. As of February 10, 1982, the work had not started. Therefore, the NRC estimate is expected to be optimistic.

McGuire 2: Primarily based on the utility contention that construction of Unit 2 lags construction of Unit 1 by approximately two years. Because the major portion of the NRC review effort was completed during the review of Unit 1, a more detailed estimate of construction completion is not warranted.

Watts Bar 2: Based primarily upon the historical construction rates of other utilities. As of December 1981, Unit 1 was estimated to be approximately 80% complete. Discussions with the Resident Inspector supported this estimate.

Byron 1: Based on discussions with the Byron Senior Resident Inspector (SRI) as well as a consideration of the most recent Caseload Forecast Panel visit in January 1981. The Byron SRI indicated that some recent management changes had caused the actual construction completion curves to more closely parallel the applicant's estimated construction schedule for Unit 1, however, construction still lagged the applicant's projected schedule. Therefore, an October 1983 date was estimated for Unit 1 (as opposed to a Caseload Forecast Panel estimate of December 1983 and applicant projection of April 1983).

Wolf Creek 1: Based primarily on the Caseload Forecast Panel site visit of November 1981. A utility/NRC senior management meeting is being scheduled to resolve the difference between the NRC and utility estimates.

Susquehanna 2: Based on the utility's revised estimate of January 1982. Because the major portion of the NRC review effort was completed during the review of Unit 1, a more detailed estimate of construction completion is not warranted.

Perry 1: Based primarily on the Caseload Forecast Panel site visit of October 1981, which concluded a February 1984 completion date. A utility/NRC senior management meeting is being scheduled to resolve the difference between the NRC and utility estimates.

Midland 2: The NRC estimate of July 1983 for Unit 2 (the lead unit) is in agreement with the applicant's estimate and is based primarily upon a Caseload Forecast Panel site visit in August 1981. During that visit, the utility demonstrated that they had accomplished what they stated they would a year earlier (in the 1980 forecast panel meeting). At the present time the NRC and the utility consider installation of bulk commodities to be the governing factor in completing construction of the plant.

Catawba 1: Based primarily upon the Caseload Forecast Panel site visit of August 1981. During that visit the staff concluded that the utility's schedule for support/restraint design, fabrication and installation is overly optimistic to support Unit 1 hot functional testing scheduled for April 1983 and the associated fuel load date of August 1983. The staff also concluded that a more realistic fuel load date would be the first quarter of 1984, nominally February.

Bellefonte 1: Based primarily upon Caseload Forecast Panel (CFP) site visit in September 1981. The CFP estimate was based upon the observation that the utility has consistently, for the past 3 years, failed to meet their target bulk installation rates, the quantities of bulk commodities required have not been firmed up, uncertainties in the labor supply (with current shortages in engineers and QC inspectors) and not enough time scheduled for its pre-operational test program.

River Bend 1: Based primarily on a construction completion rate of 1.25 percent per month, which has been the historical construction rate of the plant to date. Construction as of January 1982 is 40 percent complete and involves little in the way of safety-related systems and components, e.g., the reactor vessel is in place but none of the piping systems have been hooked up.

Seabrook 1: Based primarily upon a Caseload Forecast Panel site visit in September 1981. A utility/NRC senior management meeting has been scheduled to resolve the difference between the NRC and utility estimates.

Palo Verde 2: Based primarily upon the utility estimate that construction of Unit 2 lags Unit 1 construction by approximately one year. This estimate was modified by the conclusion on the status of Unit 1 construction completion.

Comanche Peak 2: (See narrative for Comanche Peak 1.)

Midland 1: (See narrative for Midland 2.)

South Texas 1: Based primarily upon discussion with Regional representatives and various levels of utility management. The utility expects to revise its schedule during the Summer of 1982, upon completion of the Bechtel reassessment of construction at the site.

Limerick: Based primarily upon discussions with various levels of utility management. A Caseload Forecast Panel site visit is scheduled for June 1982 in order to ensure proper allocation of resources to this project.

Harris 1: Based primarily upon discussions with various levels of utility management. A Caseload Forecast Panel site visit is scheduled for December 1982 in order to ensure proper allocation of resources to this project.

Braidwood 1: Based primarily upon Caseload Forecast Panel visit of January 1981.