PDR

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

CHAIRMAN

November 19, 1986

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

Dear Mr. Chairman:

The NRC quarterly status report on emergency preparedness for nuclear power plants is enclosed. The report, our 29th, covers the period from July 1 to September 30, 1986.

In the Shoreham and Seabrook cases, the Commission is unable to realistically forecast the licensing schedule because of the emergency preparedness issues.

Minor revisions, as noted in Table 1, have occurred in other operating license review schedule dates since our last report to Congress; but none of these revisions are projected to result in any delays in the licensing process.

Please notify us if you desire additional information.

Sincerely,

Lando W. Zech, Jr.

Enclosure:
NRC Quarterly Status Report

cc: The Honorable Gary Hart

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7pp.

NRC QUARTERLY STATUS REPORT

TO CONGRESS ON EMERGENCY PREPAREDNESS

July 1, 1986 to September 30, 1986

The 29th NRC status report to Congress on emergency preparedness for nuclear power plants covers the period from July 1 to September 30, 1986.

Tables 1 and 2 provide the status of offsite and onsite emergency planning, respectively, for applicants for an operating license.

Commission decision dates are consistent with those reported to the House Committee on Appropriations, Subcommittee on Energy and Water Development.

INDEX OF MATERIAL SUPPLIED BY NRC

September 30, 1986

Table 1

Status of Offsite Emergency Preparedness
Operating License Reviews

Facility	Date of Estimated FEMA Finding[1]	FEMA Finding Needed[2]	Potential Offsite EP Delay[3] (Months)	Start of Hearings[4]	Commission Decision[5]
Shoreham	6	6	6	C	.
Nine Mile 2	C	C	0	None	10/86*
Shearon Harris	C	C	0	C	10/86*[7]
Perry	C	C	0	C	11/86*
Seabrook	04/06/87*	04/06/87*	9	.[8]	11/86*
Braidwood	C	C	0	C	12/86*
Clinton	C	C	0	None	12/86*
Vogtle	C*	C*	0	C	12/86
Beaver Valley 2	12/01/86	12/01/86	0	None	04/87
South Texas	01/01/87	01/01/87	0	C	06/87
Watts Bar	C	C	0	None	.10
Comanche Peak	C	C	0	C	.11
Total Potential Offsite Emergency Preparedness Delay:			-6' 9		

* Change from previous report.
. Not scheduled.

Notes:

[1] C = complete; i.e., FEMA Findings have been provided. Where a date is given in parentheses, supplemental information to FEMA Findings previously provided is expected on that date. FEMA Findings on offsite emergency preparedness are not required to issue a license authorizing fuel loading and operation up to 5 percent of rated power.

[2] C = complete; i.e., FEMA Findings have been provided. Where a date is given, it is the date by which the FEMA Findings must be provided to meet the proposed Commission Decision date.

[3] The delay is caused by offsite emergency preparedness issues. This delay is in addition to any delays estimated in the report to the House Appropriations Subcommittee on Energy and Water Development.

[4] C = complete; i.e., a hearing has started.

[5]Dates are consistent with those reported to the House Appropriations Subcommittee on Energy and Water Development and in the NRR Monthly Report except for Perry whose date has slipped to that shown here. For plants for which construction is complete, the dates shown are for full-power licensing. For the other plants, the dates are those by which the NRC needs the information to act on authorization for fuel loading and low-power operations.

[6]On April 17, 1985, the Licensing Board for emergency planning for Shoreham ruled that, although LILCO's offsite emergency plan is generally adequate, LILCO does not have the legal authority to perform many of the required emergency functions set out in that plan. On August 26, 1985, the Board issued a concluding partial initial decision finding that because of LILCO's inability to implement its offsite emergency response plan and because of the refusal of the State and county to cooperate, a full-power license may not be issued for Shoreham. Appeals of the April and August emergency planning decisions were filed with the Appeal Board by LILCO and the intervenors. On October 18, 1985, the Appeal Board upheld the Licensing Board's decision that LILCO does not have the legal authority to implement its offsite emergency plan. On March 26, 1986, the Appeal Board issued a decision that reversed the Licensing Board's determination in part and remanded the proceeding for further hearings, but ordered the Board not to proceed until ordered to do so by the Commission. On July 24, 1986, the Commission ordered further hearings on the adequacy of emergency planning at Shoreham, presuming that the State and county would actually participate in a real emergency. An exercise of the LILCO emergency plan was conducted on February 13, 1986. NRC Region I, in an exercise report, stated that the licensee adequately demonstrated its onsite emergency response capabilities. FEMA's evaluation of the offsite exercise identified five deficiencies and several areas requiring corrective actions. LILCO has submitted Revisions 7 and 8 to the offsite plan primarily in response to the FEMA exercise assessment. On June 6, 1986, the Commission directed the Licensing Board to immediately initiate a hearing on exercise-related contentions and directed the continued deferral of the issues remanded by the Appeal Board. Contentions related to the exercise were submitted and a pre-hearing conference was held on September 24, 1986. A hearing date will be established when the admission of contentions has been ruled upon. On September 19, 1986, the Commission decided that only three issues remanded by the Appeal Board merit Commission review, and that the deferral of the remaining issues is lifted. On the basis of the above, a realistic forecast of the impact on the licensing process cannot be made at this time. *

[7]On August 15, 1986, the Governor of Ohio informed the NRC of the withdrawal of his support for evacuation plans for Perry and Davis-Besse because of safety concerns related to the Chernobyl accident and the earthquake near Perry. The Governor has appointed a team to review the evacuation plans in light of these two incidents. On November 7, 1986 the Commission authorized the full power license and on November 13, 1986 a full power license was issued for the Perry Nuclear Power plant. *

[8]The Board admitted certain contentions including one relating to emergency preparedness. A decision is scheduled to be issued in late December 1986. *

[9]FEMA has reviewed drafts of State and local plans that were submitted by New Hampshire and Massachusetts for an informal technical review. New Hampshire formally submitted emergency plans to FEMA in December 1985 with the latest revision submitted in September 1986. These plans have been forwarded to the FEMA Radiological Assistance Committee for review. Hearings on the New Hampshire plans, scheduled to start in August 1986, have been postponed at the request of FEMA and have not been rescheduled. An exercise involving the applicant and New Hampshire was conducted on February 25, 1986. New Hampshire is implementing corrective actions identified by FEMA as a result of the exercise and continuing to revise its emergency plans. These activities regarding the New Hampshire plan do not appear to be on the critical path for licensing. Activities regarding the emergency response plans for Massachusetts are on the critical path for licensing. On September 20, 1986, the Governor of Massachusetts announced that he will not submit emergency plans for that part of the EPZ in Massachusetts since he does not believe adequate protective measures can be developed for that area. The staff believes that resolution of offsite emergency planning issues will delay issuance of a full-power license although the length of the delay cannot realistically be forecast at this time. *

[10]Watts Bar is expected to be ready for fuel load in the spring of 1987. *

[11]The ASLB deferred hearings at the request of the applicant and the NRC staff until the applicant can respond to outstanding technical issues on construction and design. The applicants have indicated that their schedule for mid-1987 operation is no longer achievable; no Commission decision date has been determined. *

September 30, 1986

Table 2

Status of Onsite Emergency Preparedness
Operating License Reviews

Facility	States Within 10 Mile EPZ	Onsite Appraisal[1]	Exercise[2]	Commission Decision[3]
Shoreham	NY	C	C[4]	.
Nine Mile 2	NY	C	C	10/86*
Shearon Harris	NC	C	C	10/86*
Perry	OH	C	C	11/86*
Seabrook	NH, MA	C	[5]	11/86*
Braidwood	IL	C	C	12/86*
Clinton	IL	C	C	12/86*
Vogtle	GA, SC	C	C	12/86
Beaver Valley 2	PA, WV, OH	.	C	04/87
South Texas	TX	11/86	02/87	06/87
Watts Bar	TN	C	C	.
Comanche Peak	TX	C	C	.

* Change from previous report to Congress.
. Not scheduled.

Notes:

[1]Start date for 2-week onsite Emergency Preparedness Appraisal.

[2]Full-participation 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 except for Perry.

[4]Exercise of applicant's onsite and offsite plans.

[5]Exercise of applicant's onsite plan and offsite plan for New Hampshire only; remedial exercise to be scheduled, and exercise of Massachusetts' plans will be necessary.