December 2, 2002

Mr. Mark E. Warner
Site Vice President
c/o James M. Peschel
Seabrook Station
P.O. Box 300
Seabrook, NH 03874

SUBJECT: SEABROOK STATION- NRC EVALUATED EMERGENCY PREPAREDNESS EXERCISE - INSPECTION REPORT NO. 50-443/02-012

Dear Mr. Warner:

The enclosed report documents an inspection at the Seabrook Station, which evaluated the performance of your emergency response organization during the October 23, 2002, full-participation exercise and the post-exercise critique as specified in the reactor oversight program. Also during this period, inspectors reviewed the emergency preparedness performance indicators. The inspectors discussed the findings of this inspection with yourself and other members of your staff at the exit meeting on October 24, 2002.

This inspection was an examination of activities conducted under your license as they relate to safety and compliance with the Commission's rules and regulations and with the conditions of your license. Within these areas, the inspection consisted of a selected examination of procedures and representative records, observations of activities, and interviews with personnel.

On the basis of the results of this inspection, no findings were identified.

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Should you have any questions regarding this report, please contact me at (610) 337-5183.

Sincerely,

/RA/

Richard J. Conte, Chief
Operational Safety Branch
Division of Reactor Safety

Docket No: 50-443
License No: NFP-86

Enclosure: Inspection Report No. 50-443/02-012

cc w/encl:
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U. S. NUCLEAR REGULATORY COMMISSION

REGION I

Docket No:	50-443
License No:	NFP-86
Report No:	50-443/02-012
Licensee:	FPL Energy Seabrook, LLC
Facility:	Seabrook Generating Station, Unit 1
Location:	Post Office Box 300 Seabrook, New Hampshire 03874
Dates:	October 22 - 24, 2002
Inspectors:	D. Silk, Senior Emergency Preparedness Inspector, DRS (Lead) J. Brand, Resident Inspector, Seabrook Station, DRP G. Malone, Operations Engineer, DRS M. Barillas, Reactor Engineer, DRP C. Smith, Resident Inspector, Three Mile Island, DRP G. Johnson, Operations Engineer, DRS
Approved by:	Richard J. Conte, Chief Operational Safety Branch Division of Reactor Safety

SUMMARY OF FINDINGS

IR 05000443/02-012; 10/22-24/2002; Seabrook Station; Emergency Preparedness Exercise Evaluation.

This inspection was conducted by region based and resident inspectors. The safety significance of the finding is indicated by its color using IMC 0609, "Significance Determination Process". The NRC's program for overseeing the safe operation of commercial nuclear power reactors is described in NUREG-1649, "Reactor Oversight Process," Revision 3, dated July 2000.

A. Inspector Identified Findings

Cornerstone: Emergency Preparedness

No findings of significance were identified during this inspection.

B. Licensee Identified Findings

None

Report Details

1. REACTOR SAFETY

Cornerstone: Emergency Preparedness (EP)

1EP1 Exercise Evaluation

a. Inspection Scope

During the October 23, 2002, exercise, the inspectors reviewed and assessed:

- Exercise objectives and the scenario to determine if the Seabrook exercise would test the adequacy of timing and content of implementing procedures and methods, test emergency equipment and communications network, test portions of the public notification system, and ensure that emergency organization personnel are familiar with their duties as required by 10 CFR 50 Appendix E.IV.F.2.

- The licensee's biennial full-participation exercise performance by primarily focusing on the implementation of the risk-significant planning standards (RSPS) in 10 CFR 50.47 (b) (4), (5), (9) & (10) which are emergency classification, offsite notification, radiological assessment, and protective action recommendations (PARs), respectively.

- Other performance areas besides the RSPS, such as, the emergency response organization's (ERO) recognition of abnormal plant conditions, command and control, intra- and inter-facility communications, prioritization of mitigation activities, utilization of repair teams and field monitoring teams, interface with offsite agencies, and the overall implementation of the emergency plan and implementing procedures.

- The overall adequacy of the licensee's emergency response facilities and their implementation of NUREG-0696, Functional Criteria for Emergency Response Facilities, and emergency plan commitments. The facilities assessed were the simulator control room (SCR), technical support center (TSC), the operations support center (OSC), and emergency operations facility (EOF).

- Past performance issues from NRC inspection reports and licensee drill reports to determine effectiveness of corrective actions as demonstrated during this exercise to ensure compliance with 10CFR50.47(b)(14) and Appendix E.IV.F.2.g.

- The post-exercise critique to evaluate the licensee's self-assessment of their ERO performance during the exercise and to ensure compliance with 10CFR50 Appendix E.IV.F.2.g.

b. Findings

No findings of significance were identified.

4. OTHER ACTIVITIES (OA)

OA1 Performance Indicator (PI) Verification

a. Inspection Scope

The inspectors reviewed the licensee's process for identifying and collecting data that is utilized to determine the values for the three PIs associated with the EP Cornerstone:

- Drill and Exercise Performance
- ERO Drill Participation, and
- Alert and Notification System Reliability.

Since the EP PIs were last reviewed during an inspection in October 2001, this review assessed data and records from that time which included results from the fourth quarter of 2001and the first three quarters of 2002. Records included drill reports, documents generated during drills or exercises, and attendance records. The review was conducted on site in accordance with NRC Inspection Procedure 71151. The acceptance criteria are 10 CFR 50.9 and NEI 99-02, Revision 2, Regulation Assessment Performance Indicator Guideline.

b. Findings

No findings of significance were identified.

4OA2 Identification and Resolution of Problems

a. Inspection Scope

The inspectors reviewed licensee findings (EP drill reports) for approximately the past two years pertaining to drills, and the last NRC evaluated exercise report to determine if significant performance trends exist and to determine the effectiveness of licensee corrective actions based upon ERO performance during the exercise. During this review, the inspection found that the licensee used the same scenario for this exercise as for the 2000 exercise. The inspector then verified the following: 1) The scenario had not been used since the 2000 exercise; 2) 75% of key ERO positions were filled by different individuals from the 2000 exercise; 3) different performance observations were identified in this exercise than in the 2000. The inspectors verified that the issues identified during this exercise and the repeat use of the scenario from 2000 were entered into the licensee's corrective action program. (listed in the attachment)

b. Findings

No findings of significance were identified in this area.

40A6 Meetings, including Exit

The inspectors presented the inspection results to Mr. Feigenbaum, and other members of the licensee's staff at the conclusion of the inspection on October 24, 2002. The licensee had no objections to the NRC findings or observations. No proprietary information was provided to the inspectors during this inspection.

KEY POINTS OF CONTACT

Licensee

D. Young, Emergency Planner
S. Perkins-Grew, Manager, Emergency Preparedness

LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

Opened

None

Closed

None

Discussed

None

LIST OF DOCUMENTS REVIEWED

Seabrook Station Emergency Plan and Implement Procedures
Drill Reports for drills on the following dates:

- June 7, 2000
- September 26, 2001
- January 30, 2002
- August, 21, 2002
- September 24, 2002

LIST OF ACRONYMS

EOF	Emergency Operations Facility
EP	Emergency Preparedness
ERO	Emergency Response Organization
OSC	Operations Support Center
PAR	Protective Action Recommendation
PI	Performance Indicator
RSPS	Risk Significant Planning Standard
SCR	Simulator Control Room
TSC	Technical Support Center

CONDITION REPORTS GENERATED FROM THE EXERCISE

CR 02-01642 Enhance Form ER 3.2F, OSC briefing enhancements
CR 02-13858 Knowledge of PASS strategies and capabilities
CR 02-14809 Site evacuation siren inoperable
CR 02-14813 RCS leak AOP enhancement
CR 02-14815 Notifying TSC of control room procedure deviations
CR 02-14829 Simulator fidelity issue regarding CBS P-9A breaker
CR 02-14831 Simulator fidelity issue regarding CCW valves CC-V-57, 121, 175, & 257
CR 02-14856 Develop policy on repetitive use of drill/exercise scenarios
CR 02-14862 Review observations from 2002 exercise for 2003 ERO training
CR 02-14864 Simulator fidelity issue regarding RVLIS indication after securing injection
CR 02-14865 Simulator fidelity issue regarding SI pump cavitation when supplied via RH-V-36
CR 02-14868 Simulator fidelity issue regarding CBA points went into alarm
CR 02-14878 SED and EOM not informed of TSC receiving NRC notification form
CR 02-14879 TSC not briefed on SED assuming the SED position and accountability results
CR 02-14880 Improve reliability of 4-way communications link
CR 02-14881 Enhance drill/exercise methodology at OSC regarding player activities
CR 02-14882 Enhance radiological simulation in the OSC
CR 02-14883 Problem with Arch paging system during the exercise
CR 02-14885 Clarify plant status terminology for offsite personnel
CR 02-14887 Improve EOF access control measures
CR 02-14888 Clarify use of “Not Known” on Form ER 5.4A
CR 02-14889 Guidance needed for handling press releases during changing plant conditions
CR 02-14890 Examine EOF administrative staffing level
CR 02-14893 Clarify use and staffing of State PIO’s media lines during an emergency
CR 02-14894 Need plant status board in media briefing room at the media center
CR 02-14895 RM briefings were audible in the media work area
CR 02-14998 Enhancements to Procedure GN 1332.00