

August 22, 2007

Mr. Gene St. Pierre
Site Vice President
FPL Energy Seabrook, LLC
Seabrook Station
c/o James M. Peschel
P.O. Box 300
Seabrook, NH 03874

SUBJECT: SEABROOK STATION - REACTOR OPERATOR AND SENIOR REACTOR
OPERATOR INITIAL EXAMINATION REPORT 05000443/2007301

Dear Mr. St. Pierre:

This report transmits the results of the Reactor Operator (RO) and Senior Reactor Operator (SRO) licensing examination conducted by the NRC during the period of July 6-11, 2007. This examination addressed areas important to public health and safety and was developed and administered using the guidelines of the "Examination Standards for Power Reactors" (NUREG-1021, Revision 9).

Based on the results of the examination, the nine (eight Senior Reactor Operators and one Reactor Operator) applicants passed all portions of the examination. The results indicated that the applicants were generally well prepared for the examination. Mr. John G. Caruso discussed initial performance insights observed during the examination with Messrs. Kerry Wright and Tim Cassidy of your staff on July 11, 2007. On July 31, 2007, final examination results, including individual license numbers, were given during a telephone call between Mr. John G. Caruso and Mr. Kerry Wright of your staff.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). These records include the final examination and are available in ADAMS (Master File - Accession Number ML062050109, RO and SRO Written - Accession Number ML071930238), ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Mr. Gene St. Pierre

2

Should you have any questions regarding this examination, please contact me at (610) 337-5046 or by E-mail at mds1@nrc.gov.

Sincerely,

/RA/

Marvin D. Sykes, Chief
Operations Branch
Division of Reactor Safety

Docket No. 50-443
License No. NPF-86

Enclosure: Initial Examination Report No. 05000443/2007301

cc w/encl:

J. A. Stall, FPL Senior Vice President, Nuclear & CNO
M. Warner, Vice President, Nuclear Support Services
R. S. Kundalkar, FPL Vice President, Nuclear Engineering
M. Mashhadi, Senior Attorney, Florida Power & Light Company
M. S. Ross, Managing Attorney, Florida Power & Light Company
J. M. Peschel, Manager, Regulatory Programs
M. Kiley, Plant General Manager, Seabrook Station
J. Dent, Assistant Plant Manager
K. Wright, Manager, Nuclear Training, Seabrook Station
R. Poole, FEMA, Region-I
Office of the Attorney General, Commonwealth of Massachusetts
K. Ayotte, Attorney General, State of New Hampshire
O. Fitch, Deputy Attorney General, State of New Hampshire
D. Harnish, Assistant Attorney General, State of Maine
R. Walker, Director, Radiation Control Program, Dept. of Public Health, Commonwealth of MA
C. Pope, Director, Homeland Security & Emergency Management, State of New Hampshire
J. Giarrusso, MEMA, Commonwealth of Massachusetts
D. O'Dowd, Administrator, Radiological Health Section, DPHS, DHHS, State of New Hampshire
Administrator, Bureau of Radiological Health, State of New Hampshire
J. Roy, Director of Operations, Massachusetts Municipal Wholesale Electric Company
T. Crimmins, Polestar Applied Technology
R. Backus, Esquire, Backus, Meyer and Solomon, New Hampshire
Town of Exeter, State of New Hampshire
Board of Selectmen, Town of Amesbury
S. Comley, Executive Director, We the People of the United States
R. Shadis, New England Coalition Staff
M. Metcalf, Seacoast Anti-Pollution League

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- M. Mashhadi, Senior Attorney, Florida Power & Light Company
- M. S. Ross, Managing Attorney, Florida Power & Light Company
- J. M. Peschel, Manager, Regulatory Programs
- M. Kiley, Plant General Manager, Seabrook Station
- J. Dent, Assistant Plant Manager
- K. Wright, Manager, Nuclear Training, Seabrook Station
- R. Poole, FEMA, Region-I
- Office of the Attorney General, Commonwealth of Massachusetts
- K. Ayotte, Attorney General, State of New Hampshire
- O. Fitch, Deputy Attorney General, State of New Hampshire
- D. Harnish, Assistant Attorney General, State of Maine
- R. Walker, Director, Radiation Control Program, Dept. of Public Health, Commonwealth of MA
- C. Pope, Director, Homeland Security & Emergency Management, State of New Hampshire
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SUNSI Review Complete: JGC (Reviewer's Initials)

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DATE	08/22/07	08/22/07	08/22/07	08/22/07		

Mr. Gene St. Pierre

3

Distribution w/encl:

DRS Master Exam File (C. Bixler) (w/concurrences)

DRS File

Distribution w/encl: **(via E-mail)**

S. Collins, RA

M. Dapas, DRA

M. Gamberoni, DRS

M. Sykes, DRS

J. Caruso, Chief Examiner, DRS

D. Lew, DRP

J. Clifford, DRP

A. Burritt, DRP

C. Khan, DRP

L. Cline, DRP

W. Raymond, DRP - Senior Resident Inspector

J. Bream, Acting RI

M. Cox, RI OEDO

H. Chernoff, NRR

J. Lubinski, NRR

E. Miller, NRR, PM

R. Ennis, NRR, Backup

T. Valentine, NRR

ROPreports@nrc.gov **(All IRs)**

Region I Docket Room (with concurrences)

S. Glenn, INPO (GlennSG@Inpo.org)

J. White, INPO (whitejl@inpo.org)

U. S. NUCLEAR REGULATORY COMMISSION

REGION I

Docket No. 50-443

License No. NPF-86

Report No. 05000443/2007301

Licensee: Florida Power & Light Energy Seabrook, LLC (FPL)

Facility: Seabrook Station

Location: P.O. Box 300
Seabrook, NH 03874

Dates: July 6, 2007 (Written Examination Administration)
July 9-11, 2007 (Operating Test Administration)
July 12, 2007 (Licensee Initial Grading)
July 13-27, 2007 (NRC Examination Grading)

Examiners: John G. Caruso, Senior Operations Engineer (Chief Examiner)
David Silk, Senior Operations Engineer
Gil Johnson, Operations Engineer

Approved by: Marvin D. Sykes, Chief
Operations Branch
Division of Reactor Safety

SUMMARY OF FINDINGS

ER 05000443/2007301; July 6-11, 2007; Seabrook Station; Initial Operator Licensing Examination. Nine of nine applicants passed the examination (one reactor operator, five senior reactor operator instants, and three senior reactor operator upgrades).

The written examinations were administered by the facility and the operating tests were administered by three NRC region-based examiners. There were no inspection findings of significance associated with the examinations.

A. NRC-Identified and Self-Revealing Findings

None

B. Licensee-Identified Violations

None

REPORT DETAILS

1. REACTOR SAFETY

Mitigating Systems - Reactor Operator (RO) and Senior Reactor Operator (SRO) Initial License Examination

a. Scope of Review

The licensee developed the written examination and the operating initial examination. The NRC together with site Training and Operations personnel verified or ensured, as applicable, the following:

- The examination was prepared and developed in accordance with the guidelines of Revision 9 of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors." A review was conducted both in the Region I office and at the plant and training facility. Final resolution of comments and incorporation of test revisions were conducted during and following the onsite preparation week.
- Simulation facility operation was proper.
- A test item analysis was completed on the written examination for feedback into the systems approach to the training program.
- Examination security requirements were met.

The NRC examiners administered the operating portion of the examination to all applicants from July 9-11, 2007. The written examination was administered by the site training staff on July 6, 2007.

b. Findings

Examination Development and Preparation

The written exam approval was delayed due to the late resolution of written exam comments. NUREG-1021, Operator Licensing Examination Standard for Power Reactors, NRC Form ES-201-1, item 16 recommends a target date of seven days prior to administration for approval of all examinations. In future instances, the NRC may elect to re-schedule the operating and/or written examinations if the examinations are not ready for approval seven days prior to scheduled administration.

Grading and Results

Nine applicants (eight SROs and one RO) passed all portions of the initial licensing examination.

Enclosure

There were no post-examination comments on the written examinations.

Examination Administration and Performance

During the exam administration there were no potential simulator fidelity issues or training deficiencies identified.

4OA6 Exit Meeting Summary

On July 31, 2007, the NRC provided conclusions and examination results to site management representative via the telephone. License numbers for all nine applicants were also provided during this time.

The NRC expressed appreciation for the cooperation and assistance that was provided during the preparation and administration of the examination by the licensee's training staff.

ATTACHMENT: SUPPLEMENTAL INFORMATION

Enclosure

A-1

ATTACHMENT

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee Personnel

K. Wright, Manager, Nuclear Training
T. Cassidy, Supervisor, Simulator Support

NRC Personnel

J. Caruso, Senior Operations Engineer
D. Silk, Senior Operations Engineer
G. Johnson, Operations Engineer

LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

Opened/Closed/Discussed

None