

September 10, 2002

Mr. Robert Bellamy
Site Vice President
Entergy Nuclear Operations, Inc.
Pilgrim Nuclear Power Station
600 Rocky Hill Road
Plymouth, Massachusetts 02360-5599

SUBJECT: PILGRIM REACTOR OPERATOR AND SENIOR REACTOR OPERATOR
INITIAL EXAMINATION REPORT NO. 50-293/02-301

Dear Mr. Bellamy:

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 26 - August 2, 2002. 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 8, Supplement 1).

Based on the results of the examination, all seven applicants passed all portions of the examination. The seven applicants included 3 ROs and 4 instant SROs. Examination results indicated that the applicants were well prepared for the examination. Mr. P. Bissett discussed performance insights observed during the examination with Mr. T. Trepanier and others on August 2, 2002. On August 22, 2002, final examination results, including all individual license numbers, were given during a telephone call between Mr. P. Bissett and Mr. S. Willoughby and others of your staff. The NRC also expressed their appreciation to the facility for their assistance during the development of the exam by the NRC. No findings of significance were identified.

In accordance with 10 CFR 2.790 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 (SRO/RO Written-Accession Number ML022410221; SRO/RO Operating Section A-Accession Number ML022410232; SRO/RO Operating Section B-Accession Number ML022410239.; and SRO/RO Operating Section C-Accession Number ML022410248). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/ADAMS.html> (the Public Electronic Reading Room).

Should you have any questions regarding this examination, please contact me at (610) 337-5183, or by E-mail at RJC@NRC.GOV.

Sincerely,

/RA/

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

Docket No. 50-293
License No. DPR-35

Enclosure: Initial Examination Report No. 50-293/02-301

cc w/encl:

M. Krupa, Director, Nuclear Safety & Licensing
W. Riggs, Director, Nuclear Assessment Group
D. Tarantino, Nuclear Information Manager
B. Ford, Regulatory Affairs Department Manager
J. Fulton, Assistant General Counsel
R. Hallisey, Department of Public Health, Commonwealth of Massachusetts
The Honorable Therese Murray
The Honorable Vincent deMacedo
Chairman, Plymouth Board of Selectmen
Chairman, Duxbury Board of Selectmen
Chairman, Nuclear Matters Committee
Plymouth Civil Defense Director
D. O'Connor, Massachusetts Secretary of Energy Resources
J. Miller, Senior Issues Manager
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Chairman, Citizens Urging Responsible Energy
S. McGrail, Director, Commonwealth of Massachusetts, SLO Designee
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J. Perlov, Secretary at the Executive Office of Public Safety
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DATE	9/10/02		9/03/02		9/03/02		9/10/02		

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U. S. NUCLEAR REGULATORY COMMISSION

REGION I

Docket No: 50-293

License No: DPR- 35

Report No: 02-301

Licensee: Entergy Nuclear Operations

Facility: Pilgrim Nuclear Power Station

Location: 600 Rocky Hill Road
Plymouth, MA 02360

Dates: July 29 - August 2, 2002 (Operating Test Administration)
July 26, 2002 (Written Examination Administration)
August 5 - 9, 2002 (Examination Grading)

Examiners: P. Bissett, Senior Operations Engineer (Chief Examiner)
A. Blamey, Senior Operations Engineer
T. Fish, Senior Operations Engineer

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

SUMMARY OF FINDINGS

IR 05000293/02-301; July 26 - August 2, 2002; Pilgrim Nuclear Power Station; Initial Operator Licensing Examination Report. Seven of seven applicants (3 ROs and 4 SRO instants) passed the examination.

The written examinations were administered by the facility and the operating tests were administered by three NRC region-based examiners.

A. Inspector Identified Findings

No findings of significance were identified.

B. License Identified Findings

No findings of significance were identified.

Report Details

1. REACTOR SAFETY

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

a. Scope of Review

The Pilgrim examination team developed the written and operating initial examinations and together with the NRC personnel, verified or ensured, as applicable, the following:

- The examination was prepared and developed in accordance with the guidelines of Revision 8, Supplement 1 of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors" and it met the overall quality goals (range of acceptability) of these standards. The review was conducted both in the Region I office and at the Pilgrim plant and training facility. Final resolution of comments and incorporation of test revisions was conducted during and following the onsite preparation week.
- Simulation facility operation was proper.
- Facility licensee completed a test item analysis on the written examination for feedback into the systems approach to training program.
- Examination security requirements were met.

The NRC examiners administered the operating portion of the examination to all seven applicants from July 29 - August 2, 2002. The written examination was previously administered by the Pilgrim training staff on July 26, 2002.

b. Findings

Grading and Results

All seven applicants (3 ROs and 4 instant SROs) passed all portions of the initial licensing examination.

There were no post-written examination comments submitted by the licensee.

Examination Preparation and Quality

The examination was within the acceptable range.

Examination Administration and Performance

No generic performance errors by the applicants were noted during the administration of the examination.

4. OTHER ACTIVITIES

4OA6 Meetings, including Exit

On August 22, 2002, the NRC provided conclusions and examination results to the Pilgrim Operations Training Supervisor, Mr. S. Willoughby, via telephone. License numbers for the seven applicants were also provided during this time.

The NRC also 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 1

SUPPLEMENTARY INFORMATION

KEY POINTS OF CONTACT

T. Trepanier	Director of Training
M. Santiago	Superintendent Operations Training
S. Willoughby	Operations Training Supervisor
J. House	Simulator Instructor

LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

None.