

August 10, 2001

Mr. Harold W. Keiser  
Chief Nuclear Officer and President  
PSEG Nuclear LLC - X04  
P. O. Box 236  
Hancocks Bridge, NJ 08038

SUBJECT: SALEM UNIT 1 AND UNIT 2 REACTOR OPERATOR AND SENIOR REACTOR  
OPERATOR INITIAL EXAMINATION REPORT NOS. 05000272&311/2001-301

Dear Mr. Keiser:

This report transmits the results of the reactor operator and senior reactor operator licensing examinations conducted by the NRC during the period of June 18-22, 2001. These examinations addressed areas important to public health and safety and were developed and administered using the guidelines of the "Examination Standards for Power Reactors" (NUREG-1021, Revision 8).

Based on the results of the examination, all nine applicants passed all portions of the examination. Examination results generally indicated that the applicants were well prepared for the examination. Performance insights observed during the examination were discussed between Mr. T. Fish of NRC staff and Mr. D. Jackson and others members of your staff on June 22, 2001. Results of the examinations were given to Mr. Jackson on July 12, 2001.

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 examinations and are available in ADAMS (RO Written-Accession No. ML012180383; SRO Written-Accession No. ML012190118; RO Operating Section A-Accession No. ML012180245; SRO Operating Section A-Accession No. ML012180278; RO Operating Section B- Accession No. ML012180288; SRO Operating Section B-Accession No. ML012180308; RO/SRO Operating Section C-Accession No. ML012180332. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

Mr. Harold W. Keiser

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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 by William H. Ruland for/***

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

Docket Nos. 05000272, 05000311  
License Nos. DPR-70, DPR-75

Enclosure: Initial Examination Report Nos. 05000272, 05000311/2001-301

cc w/encl:

E. Simpson, Senior Vice President and Chief Administrative Officer  
M. Bezilla, Vice President - Technical Support  
D. Garchow, Vice President - Operations  
G. Salamon, Manager - Licensing  
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F. Pompper, Chief of Police and Emergency Management Coordinator  
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State of New Jersey  
State of Delaware  
J. McMahon, Director, QA/Training/EP

Mr. Harold W. Keiser

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OFFICE	RI/DRS		RI/DRP		RI/DRS		RI/DRS		
NAME	TFish		GMeyer (WAC for)		RConte (JHW for)		WLanning (WHR for)		
DATE	08/10/01		08/10/01		08/10/01		08/10/01		08/ /01

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U. S. NUCLEAR REGULATORY COMMISSION

REGION I

Docket Nos: 05000272, 05000311

License Nos: DPR-70, DPR-75

Report Nos: 05000272/2001-301, 05000311/2001-301

Licensee: PSEG Nuclear, LLC

Facility: Salem Units 1 and 2

Location: Hancocks Bridge, NJ

Dates: June 25, 2001 (Written Exam Administration)  
June 18-22, 2001 (Operating Test Administration)  
June 25-29, 2001 (Grading)

Examiners: T. Fish, Operations Engineer (Chief Examiner)  
S. Dennis, Operations Engineer  
J. D'Antonio, Operations Engineer

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

## SUMMARY OF FINDINGS

IR 05000272&311/2001-301; on June 18-22, 2001 and June 25, 2001; Salem Unit 1 and Unit 2; Initial Operator Licensing Examinations. Nine of nine applicants (3 ROs, and 6 SRO-instants) passed all portions of the examinations.

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 associated with the examinations.

## Report Details

### 1. REACTOR SAFETY

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

##### a. Scope of Review

The NRC examination team reviewed the written and operating examinations and post exam materials submitted by the Salem training staff to verify or ensure, as applicable, the following:

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

The NRC examiners administered the operating portion of the exams to all applicants from June 18-22, 2001. Salem training staff administered the written examinations on June 25, 2001.

##### b. Findings

###### Grading and Results

All nine applicants (3 ROs, and 6 SRO-instants) passed all portions of the initial licensing examinations.

The facility had no post-examination comments.

###### Examination Preparation and Quality

The exams were within the acceptable range of the guidelines. Examination changes agreed upon between the NRC and facility staff were made according to NUREG-1021.

###### Examination Administration and Performance

No findings of significance were identified.

4OA6 Exit Meeting Summary

On July 12, 2001, the NRC provided observations and examination results to Salem management. License numbers were also provided during the exit meeting.

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

KEY POINTS OF CONTACT

SALEM STATION

D. Jackson Training Manager  
J. Reid Salem Operations Training Manager  
P. Ott Salem Operator Training Supervisor  
M. Gwirtz Salem Operations Representative  
F. Kaminski Operations Training Staff  
E. Gallagher Operations Training Staff

NRC

J. D'Antonio Operations Engineer, Examiner/Inspector  
S. Dennis Operations Engineer, Examiner/Inspector  
T. Fish Operations Engineer, Examiner/Inspector

LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

<u>ITEM NUMBER</u>	<u>TYPE</u>	<u>DESCRIPTION</u>
NONE		