

August 14, 2001

Mr. Mark E. Warner  
Vice President TMI Unit 1  
AmerGen Energy Company, LLC  
Three Mile Island Nuclear Station  
P. O. Box 480  
Middletown, Pennsylvania 17057-0480

SUBJECT: THREE MILE ISLAND UNIT 1 SENIOR REACTOR OPERATOR INITIAL  
EXAMINATION REPORT NO. 05000289/2001-301

Dear Mr. Warner:

This report transmits the results of the senior reactor operator (SRO) licensing examinations conducted by the NRC during the period of July 23-27, 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 four applicants passed all portions of the examination. Examination results indicated that the applicants were well prepared for the examination. Performance insights observed during the examination were discussed between Mr. J. Caruso of NRC staff, and Mr. W. Ogle and others members of your staff, on July 25, 2001. The results of the examinations were also given during the telephone call on August 14, 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 (SRO Written- Accession No. ML012190158; SRO Operating Section A-Accession No. ML 012190204; SRO Operating Section B-Accession No. ML 012190236; SRO Operating Section C-Accession No. ML 012190276). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

Mr. Mark E. Warner

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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/*

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

Docket Nos. 05000289  
License Nos. DPR-50

Enclosure: Initial Examination Report No. 05000289/2001-301

cc w/encl:

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Mr. Mark E. Warner

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| OFFICE | RI/DRS   |  | RI/DRS    |  | RI/DRP   |  | RI/DRS   |  |  |
| NAME   | JCaruso  |  | CBuracker |  | JRogge   |  | RConte   |  |  |
| DATE   | 08/08/01 |  | 08/08/01  |  | 08/08/01 |  | 08/14/01 |  |  |

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U. S. NUCLEAR REGULATORY COMMISSION

REGION I

Docket No: 05000289

License No: DPR-50

Report No: 05000289/2001-301

Licensee: AmerGen Energy Company, LLC

Facility: Three Mile Island Unit 1

Location: Middletown, PA

Dates: July 27, 2001 (Written Exam Administration)  
July 23-25, 2001 (Operating Test Administration)  
July 30 - August 2, 2001 (Examination Grading)

Examiner: J. Caruso, Operations Engineer/Examiner (Chief Examiner)  
P. Bissett, Sr. Operations Engineer/Examiner

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

## SUMMARY OF FINDINGS

IR 05000289/2001-301; on July 23 -27, 2001; Three Mile Island Unit 1; Initial Operator Licensing Examinations. Four of four applicants (4 SRO-instants) passed all portions of the examinations.

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

## Report Details

### 1. REACTOR SAFETY

#### Mitigating Systems - 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 Three Mile Unit 1 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, Supplement 1, "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 Three Mile Island 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 July 23-25, 2001. The written examinations were administered by the Three Mile Island training staff on July 27, 2001.

##### b. Observations

###### Grading and Results

All four applicants (4 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 Administration and Performance

No findings of significance were identified.

4OA6 Exit Meeting Summary

On August 14, 2001, the NRC provided conclusions and examination results to Three Mile Island management representatives via telephone. License numbers for the four applicants 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

THREE MILE ISLAND POWER STATION

R. Parnell      Operations Training Manager  
W. Ogle        LOR Operations Training Supervisor  
J. Carney      Exam Developer

NRC

J. Caruso      Operations Engineer, Examiner/Inspector  
P. Bissett     Senior Operations Engineer, Examiner/Inspector

LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

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