



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

APR 25 1985

Docket No. 50-289

MEMORANDUM FOR: Hugh L. Thompson, Director, Division of Licensing, NRR

FROM: Richard W. Starostecki, Director, Division of Reactor
Projects, Region I

SUBJECT: POTENTIAL BOARD NOTIFICATION - TMI-1 RESTART HEARING

Enclosed is a copy (Enclosure 1) of Examination Report 50-289/84-32 (OL) regarding Operator Licensing examinations conducted at the B&W Simulator facility the week of October 22, 1984, and at the TMI-1 facility the week of November 12, 1984. I recommend that it be considered for Board notification.

The report indicates that, in general, the candidates were well prepared for the written and operational examinations. Some weaknesses in understanding normal plant equipment responses were noted and were attributed to the extended period of plant shutdown (5½ years). Six candidates were examined; one Senior Reactor Operator license and four Reactor Operator licenses were issued.

In addition, the Enclosure 2 copy of Inspection Report 50-289/84-09, an earlier Examination Report, is also provided since it had not previously been provided. In this regard, the Region I staff, in general, had earlier determined that Examination Reports contained insufficient information to justify Board notification. However, in light of the increased sensitivity of the training issue, we have reconsidered our position and recommend the enclosed reports be provided to the Commission, the Boards, and all parties. We have also modified our procedures, adding the TMI-1 Hearing Service List to normal distribution for Examination Reports.

Richard W. Starostecki, Director
Division of Reactor Projects
Region I

Enclosures:

1. Examination Report 50-289/84-32 (OL)
dated February 4, 1985
2. Examination Report 50-289/84-09 (OL)
dated May 6, 1984

cc w/encls:

G. Lainas, NRR
J. Stolz, NRR
J. Thoma, NRR
V. Goldberg, OLD

8505310404 850514
PDR ADOCK 05000289
Q PDR



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

Docket No. 50-289

FEB 4 1985

GPU Nuclear Corporation
ATTN: Mr. H. D. Hukill
Vice President and Director of TMI-1
P. O. Box 480
Middletown, Pennsylvania 17057

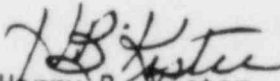
Gentlemen:

SUBJECT: EXAMINATION REPORT NO. 50-289/84-32 (OL)

This transmits the Examination Report of Operator Licensing Examinations conducted by USNRC Region I at the B&W Simulator Facility the week of October 22, 1984 and at the TMI-1 Facility the week of November 12, 1984. At the exit interview held on November 16, 1984, the preliminary results of these examinations were discussed.

No reply to this letter is required. Your cooperation in this matter is appreciated.

Sincerely,


Harry B. Kister, Chief
Projects Branch No. 1
Division of Reactor Projects

Enclosure:
Examination Report No. 50-289/84-32 (OL) w/attachments

cc: w/enclosures
R. J. Toole, Operations and Maintenance Director, TMI-1
Plant Superintendent
Bruce Leonard, Supervisor, Licensed Operator Training
Senior Resident Inspector
Public Document Room (PDR)
Local Public Document Room (LPDR)
Nuclear Safety Information Center (NSIC)
Commonwealth of Pennsylvania

~~50-289-468~~

bcc w/o attachment to Enclosure:
E. Conner, DRP Section Chief
Operator Licensing Plant File
Examiner
Chief, OLB/DHFS, NRR
OL File 12.0
Region I Docket Room (w/concurrences)
Master Exam File
D. Weiss, LFMB
A. J. Vinnola, EG&G Idaho

U. S. NUCLEAR REGULATORY COMMISSION REGION I
OPERATOR LICENSING EXAMINATION REPORT

EXAMINATION REPORT NO. 50-289/84-32

FACILITY DOCKET NO. 50-289

FACILITY LICENSE NO. DPR-50

LICENSEE: GPU Nuclear Corporation
P. O. Box 480
Middletown, Pennsylvania 17057

FACILITY: TMI-1

EXAMINATION DATES: October 22-24, 1984
November 12-16, 1984

CHIEF EXAMINER:

Noel J. Dudley
Noel Dudley
Reactor Engineer (Examiner)

1-25-85
Date

REVIEWED BY:

DM Kelly
Chief, Projects Section 1C

1/25/85
Date

APPROVED BY:

HB Kester
Chief, Project Branch No. 1

1/31/85
Date

SUMMARY: Six candidates were examined and one SRO and four RO licenses were issued. Candidates were well prepared for the written and operational examinations. Generic weaknesses in understanding normal plant equipment responses are believed to result from the extended period (5½ years) of plant shutdown.

850208475

REPORT DETAILS

TYPE OF EXAMS: Initial ____ Replacement X Requalification ____

EXAM RESULTS:

	RO Pass/Fail	SRO Pass/Fail	Inst. Cert Pass/Fail	Fuel Handler Pass/Fail
Written Exam	5/0	/	/	/
Oral Exam	5/0	/	/	/
Simulator Exam	4/1	1/0	/	/
Overall	4/1	1/0	/	/

1. CHIEF EXAMINER AT SITE: N. Dudley
2. OTHER EXAMINERS: M. King, EG&G
3. PERSONS EXAMINED

W. Atherholt
D. May
G. Herneisey
D. Gorse
J. Boltz
W. McSorley

1. Summary of generic strengths or deficiencies noted on oral exams:

Reactor operators relied on the Shift Supervisor or a Procedure Reader to provide all direction for console manipulations after immediate emergency actions were taken during the simulator portion of the examination. Candidates during the oral portion of the examination had difficulty describing how some equipment would actual respond during normal power operations.

2. Summary of generic strengths or deficiencies noted from grading of written exams:

Areas of the written examination where a majority of candidates received less than 70% credit included:

- Whether an LPI low flow alarm would be present if primary pressure was 1400 psig and decreasing.
- The reason for RCP elevation in relation to the rest of the primary system.
- The required action on loss of all offsite power if only one diesel generator starts.

3. Personnel Present at Exit Interview:

NRC Personnel

N. Dudley

Facility Personnel

M. Ross

4. Summary of NRC Comments made at exit interview:

The names of the candidates who were definite passes on the simulator and oral portions of the examination were presented.



NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

Docket No. 50-289

MAY 6 1984

GPU Nuclear Corporation
ATTN: Mr. H. D. Hukill
Vice President and Director of TMI-1
P. O. Box 480
Middletown, Pennsylvania 17057

Gentlemen:

SUBJECT: EXAMINATION REPORT NO. 50-289/84-09

This transmits the Examination Report of Operator Licensing Examinations conducted by USNRC Region I at the Three Mile Island Unit 1 Facility the week of March 5, 1984. At the exit interview held with you and Messrs. M. Ross, and B. Leonard of your staff on March 8, 1984, the preliminary results of these examinations were discussed.

In accordance with 10 CFR 2.790(a), copies of this letter and the enclosure will be made public unless you notify this office within 10 days of the date of this letter of your intent to request withholding. Such notification may be made to the Supervisor, Files, Mail and Records, NRC Region I (215-337-5223), and must be followed by a written application consistent with 2.790(b)(1).

No reply to this letter is required. Your cooperation in this matter is appreciated.

Richard W. Starostecki, Director
Division of Project and Resident Programs

Enclosure:
Examination Report No. 50-289/84-09

84-5210123

cc: w/enclosures
R. J. Toole, Operations and Maintenance Director, TMI-1
Bruce Leonard, Plant Training Manager
Public Document Room
Local Public Document Room
Resident Inspector
Commonwealth of Pennsylvania
Nuclear Safety Information Center (NSIC)

bcc: w/o attachment to enclosure
Region I Docket Room (w/concurrences)
DPRP Section Chief
Chief Examiner
Operating Licensing Plant File

U. S. NUCLEAR REGULATORY COMMISSION REGION I
OPERATOR LICENSING EXAMINATION REPORT

EXAMINATION REPORT NO. 50-289/84-09

FACILITY DOCKET NO. 50-289

FACILITY LICENSE NO. DPR-50

LICENSEE: GPU Nuclear Corporation
ATTN: Mr. H. D. Hukill
Vice President and Director of TMI-1
P. O. Box 480
Middletown, Pennsylvania 17057

FACILITY: TMI-1

DATES: March 6-8, 1984

CHIEF EXAMINER:

N. Dudley
N. Dudley

3-30-84
Date

APPROVED BY:

RM Kelly
Chief, Project Section 1D

5/3/84
Date

SUMMARY: Four SRO and three Instructor Certification exams were administered during the week of March 6, 1984. Three SRO candidates and one Instructor Certification candidate passed. One SRO candidate and two Instructor Certification candidates failed.

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REPORT DETAILS

TYPE OF EXAMS: Initial ____ Replacement X Requalification ____

EXAM RESULTS:

	RO Pass/Fail	SRO Pass/Fail	Inst. Cert Pass/Fail	Fuel Handler Pass/Fail
Written Exam	/	4 / 0	1 / 2	/
Oral Exam	/	4 / 0	2 / 1	/
Simulator Exam	/	3 / 1	/	/
Overall	/	3 / 1	1 / 2	/

1. CHIEF EXAMINER AT SITE: N. Dudley

2. OTHER EXAMINERS: B. Gore
J. Huenefeld

3. PERSONS EXAMINEDSRO

McSorley, William P.
Maag, Ronald H.
Hass, David L.
Wynne, Michael E.

INSTRUCTOR CERTIFICATIONS

Frederick, Edward R.
Wilt, Daryl L.
Kacinko, Frank J.

1. Summary of generic strengths or deficiencies noted on oral exams:

None

2. Summary of generic strengths or deficiencies noted from grading of written exams:

Some instructor certification candidates were weak in the area of administrative procedures, conditions and limitations.

3. Comments on availability and candidate familiarization with plant reference material:

SRO candidates were very familiar with reference material available in the main control room.

4. Comments on availability and candidate familiarization with plant design, procedure, T. S. changes and LERs:

None

5. Comments on interface effectiveness with plant training staff and plant operations staff during exam period:

Plant operations staff ensured ready access to the facility and expedited issuing dosimetry.

6. Improvements noted in training programs as a result of prior operator licensing examinations/suggestions, etc:

None

7. Personnel Present at Exit Meeting:
NRC Personnel

N. Dudley

NRC Contractor Personnel

J. Huenefeld

Facility Personnel

H. Hukill
M. Ross
B. Leonard

8. Summary of NRC Comments made at exit interview:

Six of the seven candidates were evaluated as definite passes on the oral examination. Two candidates performed extremely well on the oral examination.

9. Summary of facility comments and commitments made at exit interview:
The written examination was difficult.

10. CHANGES MADE TO WRITTEN EXAM

<u>Question No.</u>	<u>Change</u>	<u>Reason</u>
7.10b	Modify answer	Answer key should require the information contained in Step 12 of ATP 1210-5 rather than the recommendations for subsequent Emergency Director actions.
8.8	Modify reference	TS or 10 CFR 50.72 or 73 maybe used as basis for answering question.
8.12	Modify answer	Operations supervisor schedules staff activities upon notification from the GMS coordinator.

Attachment:

Written Examination(s) and Answer Key(s) (SRO/RO)