

FLORIDA POWER AND LIGHT COMPANY
TURKEY POINT UNITS 3 AND 4
ADMINISTRATIVE PROCEDURE 0301
MARCH 13, 1980

1.0 Title:

LICENSED OPERATOR REQUALIFICATION PROGRAM

2.0 Approval and List of Effective Pages:

2.1 Approval:

Change dated 3/13/80 Reviewed by PNSC March 13, 1980

Approved by _____ Plant Supt., _____ 19

2.2 List of Effective Pages:

<u>Page</u>	<u>Date</u>	<u>Page</u>	<u>Date</u>	<u>Page</u>	<u>Date</u>	<u>Page</u>	<u>Date</u>
1	3/13/80	4	3/13/80	7	3/13/80	10	3/13/80
2	3/13/80	5	3/13/80	8	3/13/80	11	3/13/80
3	3/13/80	6	3/13/80	9	3/13/80	12	3/13/80

3.0 Scope:

3.1 Purpose:

This procedure provides instructions for conducting a requalification program which will assure that licensed operators and senior reactor operators maintain their proficiency.

3.2 Discussion:

Individuals actively engaged as licensed operators or senior operators are required by federal regulations to participate in a USNRC approved requalification program.

Non-shift personnel who hold licenses and desire to keep their licenses effective shall participate fully in the program except for off-shift sessions devoted to subjects where their specialized knowledge precludes the need to attend.

As individual licenses near the expiration date, participation in the program will be reviewed, evaluations of performance will be analyzed, deficiencies will be rectified and a request for license renewal will be submitted to the USNRC.

The program will repeat on a continuing one year cycle, and in brief, will consist of:

3.2.1 Off Shift Training which will consist of a series of lectures and examinations, and may also include discussion sessions and simulator training.

3.2.2 On Shift Training wherein plant changes/modifications, operating procedure revisions and reportable occurrences are discussed, and performance under both simulated and actual off-normal and emergency situations is evaluated. The required reactivity changes may be performed either at a simulator or as a part of this on shift training.

3.3 Authority:

10 CFR 50.54 (i-1), 10 CFR 55.31 (e) and Appendix A to 10 CFR 55

3.4 Definitions:

3.4.1 Licensed Operator, or Licensee - An individual who holds an effective USNRC operator or senior operator license for Turkey Point Plant and who intends to maintain his license current.

3.4.2 Lecture Segment - May consist of several lecture sessions covering a particular topic or category.

3.4.3 Off-Site Licensee - A licensee who is;

1. Not permanently assigned to the Turkey Point Plant, or
2. Assigned to Turkey Point Plant but who has been absent from the site for greater than 90 days at a time.

3.4.4 Training Department Staff - The training organization consists of the Training Supervisor, and up to three Licensed Instructors who are permanently assigned to the department.

4.0 Precautions:

None

5.0 Responsibilities:

5.1 The Training Supervisor is to:

5.1.1 From the results of prior examinations, evaluations and suggestions by licensed operators, determine topics to be included in regularly scheduled lectures. Prepare the material and give lectures on these specific topics or appoint a competent individual to prepare and give lectures on specific topics.

5.1.2 Prepare examinations on lecture topics and an annual operator and senior operator NRC type examination.

- 5.1.3 Schedule off-shift lecture and/or discussion sessions on topics suggested by licensed operators or of current interest, such as plant changes and modifications, plant operating problems, reportable occurrences and plant operating procedures. Where deemed advisable, appoint an individual fully conversant with the topic to lead the discussion.
- 5.1.4 Arrange for competent examiners to perform oral evaluations as necessary.
- 5.1.5 Review the results of written exams and evaluations and, where required, provide intensive individual training.
- 5.1.6 Maintain the records required to document the training given each licensee.

5.2 The Operations Supervisor - Nuclear:

Shall coordinate with the Training Supervisor to prepare a schedule for off-shift training sessions.

5.3 The Nuclear Plant Supervisor in charge of each shift:

- 5.3.1 Shall be familiar with the performance of operators on his shift. He shall, on the form provided, evaluate the performance of members of his crew during actual off-normal/emergency situations and discuss the evaluations.
- 5.3.2 Copies of all documents distributed pursuant to Section 7.1 will be sent to the nuclear control room, and posted in a binder provided for their receipt. Each shift supervisor shall ensure that each member of his crew reviews these documents and initials the acknowledgment section of the cover letter associated with these changes.
- 5.3.3 An individual log of reactivity changes for licensed crew members shall be kept. The licensee is to make entrees which shall be validated by the Nuclear Plant Supervisor. At intervals, the supervisor is to review the logs of his shift members to assure that the required number of changes will be made within the two year cycle.

5.4 Each Licensee Shall:

- 5.4.1 Attend required off-shift lectures, discussion sessions, and simulator training, and take scheduled written examinations and evaluations.
- 5.4.2 Maintain his log of reactivity changes.

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5.4.3 Ensure that he understands documents distributed pursuant to Section 7.1 and signify his understanding by initialing the acknowledgment letter associated with these changes.

5.4.4 Participate in special training programs where written examinations and evaluations indicate the need.

6.0 References:

6.1 10 CFR 50.54 (i-1), Conditions of Licenses

6.2 10 CFR 55.31 (e), Conditions of Licenses

6.3 10 CFR 55, Appendix A, Requalification Programs for Licensed Operators of Production and Utilization Facilities

7.0 Records and Notifications:

7.1 Training Report

A copy of each plant change/modification (or a summary of the plant change/modification), reportable occurrence, FSAR supplement, facility license amendment, and applicable procedure change shall be sent to the Nuclear Control Room, (for shift operators) and to the Training Supervisor's Office (for non-shift operators). These locations should maintain these documents in loose leaf binders, designated for the receipt of Training Reports. Document Control is responsible for posting all applicable changes in these binders periodically. Each licensee shall review these documents and shall so indicate by initialing the acknowledgment section of the Training Report Cover Letter associated with each posting. The completed training report cover letters shall be filed in Document Control. (See Figure 1)

7.2 Log of Reactivity Changes:

Each licensee shall maintain his own log. The logs for shift operators will be maintained in the Nuclear Plant Supervisor's office. The logs for non-shift operators will be maintained in the Training Supervisor's office. These logs shall be updated at intervals not exceeding 2 months. At the completion of each two year license cycle, the log will be placed in the licensee's Requalification File. When the reactivity changes take place at a simulator, the word "simulator" shall be entered in the validation column, and the documentation provided by the simulator facility attached to the form. (See Figure 2)

7.3 Performance Evaluation Sheets:

These sheets are to be maintained for shift operators in the Nuclear Plant Supervisor's office. Those for non-shift operators are to be maintained in the Training Supervisor's office. At the completion of the requalification program year, the sheets shall be transferred to the licensee's requalification file. When the evaluations take place at a simulator, the documentation provided by the simulator facility shall take the place of the performance evaluation form. (See Figure 3)

7.4 Log of On-Watch Duty - Off-Site Licensed Personnel:

This log will be displayed in a conspicuous location. Its purpose is to enable both the licensee and the Training Supervisor to assure that shift operation requirements are met. The logs need not be retained. Refer to Figure 4.

7.5 Records Relating to Off-Shift Training

7.5.1 Posted Schedule:

To be displayed in conspicuous locations and shall show:

- Shifts on Training Schedule
- Dates of lectures and the subject matter
- Dates of procedure review and procedures to be discussed
- Dates of discussion sessions and the topics to be discussed
- Dates of scheduled examinations
- Dates of any simulator training

Multiple sessions will be required and the schedule shall be posted sufficiently in advance to make the schedule arrangements necessary to allow licensees to attend a session.

Completed schedules shall be kept in the requalification program file maintained in Document Control.

7.5.2 Attendance Records:

The lecturer or discussion leader shall maintain a record of attendance. Multiple scheduling of sessions should assist in assuring that all licensed operators can attend. Where circumstances cause an absence, the necessity of make up shall be determined by the Training Supervisor. Written examinations shall not be missed. The Attendance Record is to be kept in the Requalification Program File.

7.5.3 Written Examination:

The questions, together with the answers for examinations on lecture topics and the annual OP, SOP examination together with the grades made by each licensee shall be kept in the Requalification Program File.

7.6 Request for License Renewal

As the date for licensee renewal approaches, the Training Supervisor shall review program participation to insure eligibility and prepare and submit applications for license renewal to the USNRC.

8.0 Instructions:

8.1 Off-Shift Training

8.1.1 A minimum of 160 hours of off-shift training shall be scheduled for each operating shift. This training may include discussion sessions and simulator training, but as a minimum shall consist of lectures covering topics which fall under general headings as listed.

1. Theory and Principles of Operation
2. General and Specific Plant Operating Characteristics
3. Plant Instrumentation and Control Systems
4. Plant Protection Systems
5. Engineered Safety Systems
6. Normal, Off-Normal, and Emergency Operating Procedures
7. Radiation Control and Safety
8. Technical Specifications
9. Applicable portions of Title 10, Chapter I, Code of Federal Regulations
10. Thermodynamics and Hydraulics

8.1.2 When discussion sessions are scheduled to fulfill any off-shift training requirement, a member of the Training Department Staff, the Nuclear Plant Supervisor, or an individual well versed in the topic shall be designated as leader of the session.

8.1.3 When a simulator is used for off-shift training, one hour of simulator time shall count as two hours of training time for the purpose of fulfilling the minimum time requirement of Paragraph 8.1.1.

8.1.4 The results of the annual examinations shall be analyzed to determine subjects to be emphasized. Additionally, any plant or industry problems which develop and are deemed as useful information for the operator shall be discussed, and the underlying theory, nuclear, mechanical, or thermodynamics shall be taught to the depth required.

8.1.5 Each shift shall be rotated from the operating shift schedule to the training shift schedule in order to provide off-shift training.

8.1.6 The majority of the off-shift training will be conducted by the Training Department Staff. Where the specialized knowledge of an individual outside the training organization is available or desirable, this individual may conduct the session.

8.2 On-Shift Training

8.2.1 Reactivity Changes

All licensees, within their two year cycle shall perform or direct a minimum of 10 reactivity changes. Simulated reactivity changes at an approved simulator facility are acceptable. Refer to Figure 2 and Paragraph 7.2 for detailed instructions.

8.2.2 Training Reports

Training Report Cover Letters shall accompany documents distributed pursuant to Section 7.1. Each shift operator should review and initial the Cover Letter acknowledgment section within 14 days of the posting. See Figure 1 for details.

8.2.3 Performance Evaluations

As off-normal/emergency situations occur, the Nuclear Plant Supervisor in charge of the shift shall make evaluations of licensees on his shift.

8.2.4 Off-Site Licensee

1. Each off-site licensee shall participate fully in the Licensed Operator Regualification Program. In addition, each off-site licensee shall stand periodic control room watches in order to maintain his proficiency as a watch stander. The minimum requirement is 8 hours of watch standing within any three month period.
2. Periods exceeding 4 months without actively performing the functions of a licensed operator shall require a demonstration of competency prior to resuming licensed activities by passing an oral examination. To the extent practicable, the licensee is to stand the watch when major evolutions are taking place. Refer to Figure 4.

8.3 Examinations

8.3.1 Periodic written quizzes shall be administered following lecture segments.

8.3.2 Written examinations similar in scope and depth to NRC written examinations shall be administered on an annual basis to each licensed individual.

8.3.3 Oral examinations shall be conducted on an annual basis covering specified off-normal and emergency operating procedures. This requirement may be fulfilled in whole or in part by evaluation by the Nuclear Plant Supervisor of performance under actual conditions in accordance with Paragraph 8.2.3, or evaluations performed during simulator training.

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- 8.3.4 The Training Department Staff shall not be required to take the Examinations. They shall, however, demonstrate and maintain their proficiency by preparing, conducting, and evaluating training programs designed to maintain or increase licensed operators' proficiencies during their requalification training.

8.4 Evaluation Criteria

- 8.4.1 A score of less than 80% on periodic quizzes administered in accordance with Paragraph 8.3.1 shall require further study and completion of an additional quiz within 60 days of the previous quiz date.

- 8.4.2 The following criteria shall apply to written examinations administered in accordance with Paragraph 8.3.2.

1. A score of less than 80% on any section of the examination shall require mandatory attendance at lecture sessions covering material falling under that section in the following requalification program year.
2. A score of less than 70% on any section of the examination shall require further study and completion of an additional section examination within 60 days of the previous examination date.
3. A score of less than 70% overall on the annual examination shall require that the individual be placed in an intensive training program until the responsible supervisors are satisfied that the individual is again proficient. Proficiency shall be demonstrated by successfully passing another written examination. The licensee shall be relieved of duties requiring a license until deemed proficient.

- 8.4.3 Unsatisfactory performance on oral examinations administered in accordance with Paragraph 8.3.3 shall require further study and completion of another examination within 60 days of the previous examination date.

LICENSED OPERATORS

QUARTER:

WEEK NO. (1-13)

DATE DISTRIBUTED

ITEM IDENTIFICATION NUMBER:

6 - Other

I have reviewed and discussed the data furnished by this cover letter, and have so indicated by initialing below.

INITIALS/ DATE

[illegible]

PLEASE REVIEW AND ACKNOWLEDGE THE CHANGES IDENTIFIED ON THIS COVER LETTER WITHIN 14 DAYS AFTER THIS TRAINING REPORT IS POSTED.

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FIGURE 2
LOG OF REACTIVITY CHANGES

Name _____ License No. _____ Cycle _____ to _____

INSTRUCTIONS:

1. During your two year cycle, perform (as RO) or direct (as SRO) and record on this log, a combination of at least ten reactivity changes, with no more than four of a specific type shown below.
2. Simulator reactivity changes are acceptable. See paragraph 7.2.

(CODE: P-PERFORM, D-DIRECT)

Reactor Startup to Nuclear Heat

DATE	UNIT	CODE	CYCLE NO.	REMARKS	VALIDATION

Unit Shutdown, Normal or Trip, from Power

DATE	UNIT	CODE	CYCLE NO.	REMARKS	VALIDATION

Manual Steam Generator Level Control during Startup

DATE	UNIT	CODE	REMARKS	VALIDATION

Manual Rod Control Prior to and during Synchronization

DATE	UNIT	CODE	REMARKS	VALIDATION

Load Change Greater than 10% with Manual Rod Control

DATE	UNIT	CODE	REMARKS	VALIDATION

Boration or Dilution for at least 100 pcm Change

DATE	UNIT	CODE	REMARKS	VALIDATION

Manipulator Crane Operation during Refueling Operations

DATE	UNIT	CODE	REMARKS	VALIDATION

[illegible]

1. Performance during actual abnormal or emergency situations is to be evaluated by the Nuclear Plant Supervisor.
2. Evaluations performed at a Simulator are to be attached to this form, and no other documentation is necessary.
3. Examinations are to be conducted on those procedures not covered by 1 or 2.
4. Evaluations are to include the listed Emergency Procedures and at least ten of the following:

0208.1	1008.4	1208.2	2608.1	5508.1	11108.1	12208	16008.1
1008.2	1108.1	1508.2	2608.2	6108.2	11208.1	12308	16008.2
1008.3	1208.1	1608.1	3108.1	6108.4	12108	15608.1	16708.1

PROCEDURE	DATE	CODE	SAT/UNSAT	REMARKS	EVALUATOR
20000		.			.
20001					.
20002					
20003		.			
20004			.	.	
20005				.	
20006					
		.			
				.	.
			.		
			.		.
				.	

OFF-SITE LICENSED PERSONNEL - LOG OF ON WATCH DUTY IN CONTROL ROOM

INSTRUCTIONS:

1. 8 Hours within any 3 month period is recommended. Over 4 months without watch time - suspension until competency is demonstrated.
2. Document date, time start - end, evolutions directed/performed, sign.
3. Make entry in shift personnel record book kept in control room to document on watch duty.

YEAR 19

NAME	JAN or JULY	FEB or AUG	MAR or SEPT	APR or OCT	MAY or NOV	JUNE or DEC



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA ST., N.W., SUITE 3100
ATLANTA, GEORGIA 30303

JUN 2 5 1979

In Reply Refer To:
RII:PAT
50-250/79-16
50-251/79-16

Florida Power and Light Company
Attn: R. E. Uhrig, Vice President
Advanced Systems and Technology
Post Office Box-529100
Miami, Florida 33152

Gentlemen:

This refers to the inspection conducted by P. A. Taylor of this office on May 21, 22, 29-31, 1979, of activities authorized by NRC License Nos. DPR-31 and DPR-41 for the Turkey Point facility, Units 3 and 4, and to the discussion of our findings held with H. E. Yaeger at the conclusion of the inspection.

Areas examined during the inspection and our findings are discussed in the enclosed inspection report. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspectors.

One new unresolved item resulted from this inspection and is discussed in the enclosed report. This item will be examined during subsequent inspections.

During the inspection it was found that certain activities under your license appear to deviate from the applicable guides, codes or standards which are approved by the Commission and have safety significance. This item is identified in the Notice of Deviation enclosed herewith as Appendix A. Please provide us in writing within 20 days of your receipt of this letter your comments including a description of corrective actions that have been or will be taken, corrective actions which will be taken to avoid further deviations, and the date corrective actions were or will be completed.

In accordance with Section 2.790 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter and the enclosed inspection report will be placed in the NRC's Public Document Room. If this report contains any information that you (or your contractor) believe to be proprietary, it is necessary that you make a written application within 20 days to this office to withhold such information from public disclosure. Any such application must include a full statement

Florida Power and
Light Company

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of the reasons on the basis of which it is claimed that the information is proprietary, and should be prepared so that proprietary information identified in the application is contained in a separate part of the document. If we do not hear from you in this regard within the specified period, the report will be placed in the Public Document Room.

Should you have any questions concerning this letter, we will be glad to discuss them with you.

Sincerely,

R.C. Lewis
R. C. Lewis, Acting Chief
Reactor Operations and
Nuclear Support Branch

Enclosures:

1. Appendix A, Notice of Deviation
2. Inspection Report Nos. 50-250/79-16
and 50-251/79-16

cc w/enclosures:

H. E. Yaeger, Plant Manager
Post Office Box 013100
Miami, Florida 33101

APPENDIX A

NOTICE OF DEVIATION

Florida Power and Light Company
Turkey Point, Units 3 and 4

License Nos. DPR-31
DPR-41

Based on the results of the NRC inspection conducted on May 21, 22, 29-31, 1979, certain of your activities appear to deviate from applicable codes, guides, or standards approved by the Commission as indicated below.

On the second paragraph on page 2 of a letter from Mr. P. Collins of the Operator Licensing Branch of the NRC to Mr. H. E. Yaeger of the Turkey Point Plant dated December 9, 1977, the licensee was instructed to assure that applications for the renewal of operator licenses contain statements indicating any area(s) where the applicant failed to participate in the accepted requalification program and indicate the actions taken or planned to compensate for such nonparticipation.

Contrary to the above, applications for the renewal of two licenses were submitted on April 16, 1979, for operators who had missed one or more required lectures, and no statement of the inadequacy nor of the corrective actions was included.

This is a Deviation.



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA ST., N.W., SUITE 3100
ATLANTA, GEORGIA 30303

Report Nos. 50-250/79-16 and 50-251/79-16

Licensee: Florida Power and Light Company
P. O. Box 013100
9250 West Flagler Street
Miami, Florida 33101

Facility Name: Turkey Point Units 3 and 4

Docket Nos. 50-250 and 50-251

License Nos. DPR-31 and DPR-41

Inspection at Turkey Point Site near Homestead, Florida

Inspectors: <u>P. A. Taylor</u>	<u>6-22-79</u>
P. A. Taylor	Date Signed
<u>W. A. Ruhlman for</u>	<u>6-25-79</u>
E. J. Ford	Date Signed
Approved by: <u>W. A. Ruhlman</u>	<u>6-25-79</u>
W. A. Ruhlman, Acting Section Chief, RONS	Date Signed

SUMMARY

Inspection on May 21, 22, 29-31, 1979

Areas Inspected

This routine, announced inspection involved 42 inspector-hours onsite in the areas of licensed operator requalification training program, Training and re-training programs for non-licensed plant personnel and licensee response to IE bulletin 79-06, 79-06A in the areas of training.

Results

Of the three areas inspected, no apparent items of noncompliance or deviations were identified in two areas; one apparent deviation was found in one area (Failure to report licensed operator requalification annual examination deficiencies as required by USNRC - Operator Licensing Branch letter dated 12/9/77 - paragraph 6.c).

DETAILS

1. Persons Contacted

Licensee Employees

- *H. E. Yaeger, Plant Manager
- *J. K. Hayes, Plant Superintendent, Nuclear
- *K. Beatty, Training Supervisor
- *W. Miller, Training Instructor
- *D. W. Jones, QC Supervisor
- R. L. Danek, Health Physic Training Supervisor
- R. Sontag, I&C Training Supervisor
- H. Ainsworth, Assistant Maintenance Supervisor, Mechanical
- L. Clawson, Electrical Maintenance Supervisor
- *R. J. Spooner, QA Supervisor

Other licensee employees contacted included technicians, operators and mechanics.

*Attended exit interview.

2. Exit Interview

The inspection scope and findings were summarized on May 31, 1979, with those persons indicated in Paragraph 1 above. The licensee acknowledged the inspection findings with comments which are noted in paragraphs 6 and 7 respectively.

3. Licensee Action on Previous Inspection Findings

Not inspected.

4. Unresolved Items

Unresolved items are matters about which more information is required to determine whether they are acceptable or may involve noncompliance or deviations. New unresolved items identified during this inspection are discussed in paragraph 6.b.

5. Training and Retraining Programs - Nonlicensed Plant Personnel

References: a) AP-0304 - Plant Training

a. Review Conducted

There were no changes made to the licensee's training procedures since the last inspection. Procedures for the following training were reviewed with respect to maintaining the implementation of the licensee's commitments for:

- 1) General employee training for new employees
- 2) General employee retraining
- 3) Temporary employee training
- 4) On-the-job training for: auxiliary/craftsmen; technicians; QA/QC personnel; and technical staff

The inspector reviewed training records for two individuals in each category above to verify that the described training program was provided. The inspector interviewed one employee from each category above to verify that the individual actually received the training which was documented in the training records.

Within the areas reviewed no items of noncompliance or deviations were identified.

6. Licensed Operators Requalification Training Program

References: a) AP-0301 - Licensed Operator Requalification Program

a. Review Conducted

There were no changes made to the licensee's requalification program since the last inspection. The inspector reviewed: the licensee's prepared schedule for conducting lectures; the licensee's prepared lesson plan or equivalent for three lecture topics; and the licensee's inclusion in the requalification program of deficient areas identified by evaluation of the annual examinations. The inspector determined which licensed operators: failed all or portions of the annual examinations; received unsatisfactory performance evaluation; or did not perform licensed duties for a period four months or longer. The inspector verified the completion of appropriate follow-through action for each of these individuals. The inspector reviewed the training records for six (6) NRC licensed reactor operators and senior reactor operators to verify that they include: copies of the annual written examinations and the individuals' responses; documentation of attendance at all required lectures; documentation of the required control manipulations; the results of performance evaluations; documentation of required additional training to satisfy deficient performance; and, documentation of completion of required procedure reviews and/or self-study. Additionally, the inspector interviewed three (3) operators to verify that the training records reflected the actual training received.

As a result of this review, the inspector identified one unresolved item and one deviation as discussed in Paragraphs 6.b and 6.c below.

b. Untimely Corrective Action on Identified Deficiencies

The inspector noted that corrective action to resolve identified deficiencies in various categories on the licensed operators' annual examinations is taking between ten (10) and fourteen (14) months. This was pointed out to the licensee as being an excessive period of time and was not considered timely corrective action.

The licensee stated that this area would be promptly reviewed with Operating Licensing Branch for final resolution.

Until final corrective action is completed this item is unresolved and will be re-examined at a future inspection (250-251/79-16-01).

c. Failure to Comply with NRC Documentation Requirements

In a letter dated December 9, 1977, from Mr. Collins of the Operator Licensing Branch to Mr. H. E. Yaeger of the Turkey Point Plant, the licensee was instructed to assure that (Page 2, second paragraph) applications for the renewal of operator/senior operator licenses contained accurate statements of the actual participation of each licensee in the requalification program. The letter specifically required that each area of nonparticipation or inadequate participation be listed along with the actions taken or planned to compensate for the nonparticipation. In applications for renewal of two licenses submitted by licensed personnel on April 16, 1979, no statement regarding failure to attend required lectures was made.

These applications were deviations from the requirements stated in the NRC's letter of December 9, 1977, and constitute a deviation (250-251/79-16-02).

7. Licensee Response to IE Bulletin 79-06, and 79-06A

a. Review Conducted

The inspectors conducted a review of licensee actions to verify the effectiveness of operator training conducted in response to IE Bulletin 79-06 and 79-06A. The inspectors reviewed: management controls implemented to incorporate plant modifications into the operator training and requalification programs; management controls implemented to incorporate the operational knowledge gained from the Three Mile Island incident into the operator training and requalification programs; management controls implemented to increase the standard of operator knowledge required in the area of plant transient responses; management controls implemented to assess the effectiveness of the training conducted, including, but not limited to, auditing of training presentations. The inspectors interviewed two (2) reactor operators, seven (7) senior reactor operators subjective evaluations of the effectiveness of training received in conjunction with incidents at the same or other facilities.

As a result of this review, no items of noncompliance or deviations were identified. Commitments from the licensee in the area of training conducted in response to IE Bulletin 79-06 and 79-06A is discussed in Paragraph 7.b.

b. Upgrading of TMI Training

The inspector reviewed with the licensee operator training conducted to date in response to IE Bulletins 79-06 and 79-06A and obtained the following commitments:

- 1) Administer a quiz to all licensed operators on the training received in response to IE Bulletins 79-06 and 79-06A. These examinations would start June 25, 1979.
- 2) A corporate QA audit would be performed on operator training given in response to IE Bulletins 79-06 and 79-06A. These audits would be conducted by the end of July, 1979.
- 3) The licensee stated that all bulletin training would be factored into the licensed operator requalification program.

These matters will remain open and examined at a future inspection (250-251/79-16-03).