

June 27, 1995

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Mr. Donald C. Shelton  
Acting Vice President Nuclear - Perry  
Centerior Service Company  
P. O. Box 97, A200  
Perry, OH 44081

SUBJECT: AMENDMENT NO. 70 TO FACILITY OPERATING LICENSE NO. NPF-58 - PERRY  
NUCLEAR POWER PLANT, UNIT NO. 1 (TAC NOS. M87847 AND M91137)

Dear Mr. Shelton:

The Commission has issued the enclosed Amendment No. 70 to Facility Operating License No. NPF-58 for the Perry Nuclear Power Plant, Unit No. 1 (PNPP). This amendment revises the Technical Specifications in response to your applications dated September 27, 1993, and December 16, 1994.

This amendment revises Technical Specification (TS) Section 6.3.1, "Unit Staff Qualifications," to make it consistent with the current requirements of Part 55 of Title 10 of the Code of Federal Regulations, deletes TS Section 6.4.1, "Training," and allows an Operations middle manager to hold a PNPP Senior Reactor Operator license in lieu of the Operations Manager.

A copy of the Safety Evaluation is also enclosed. Notice of issuance will be included in the Commission's next biweekly Federal Register notice.

Sincerely,

ORIGINAL SIGNED BY:

Jon B. Hopkins, Sr. Project Manager  
Project Directorate III-3  
Division of Reactor Projects III/IV  
Office of Nuclear Reactor Regulation

Docket No. 50-440

Enclosures: 1. Amendment No. 70 to  
License No. NPF-58  
2. Safety Evaluation

cc w/encs: See next page

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

June 27, 1995

Mr. Donald C. Shelton  
Acting Vice President Nuclear - Perry  
Centerior Service Company  
P. O. Box 97, A200  
Perry, OH 44081

SUBJECT: AMENDMENT NO. 70 TO FACILITY OPERATING LICENSE NO. NPF-58 - PERRY  
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Sincerely,

A handwritten signature in cursive script, reading "Jon B. Hopkins", is written over the typed name.

Jon B. Hopkins, Sr. Project Manager  
Project Directorate III-3  
Division of Reactor Projects III/IV  
Office of Nuclear Reactor Regulation

Docket No. 50-440

Enclosures: 1. Amendment No. 70 to  
License No. NPF-58  
2. Safety Evaluation

cc w/encls: See next page

Mr. Donald C. Shelton  
Centerior Service Company

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Perry Nuclear Power Plant  
Unit Nos. 1 and 2

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The Honorable Robert V. Orosz  
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Agency  
DERR--Compliance Unit  
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Columbus, Ohio 43266-0149

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Perry Township Board of Trustees  
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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY, ET AL.

DOCKET NO. 50-440

PERRY NUCLEAR POWER PLANT, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 70  
License No. NPF-58

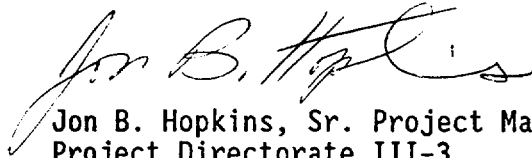
1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The applications for amendment by The Cleveland Electric Illuminating Company, Centerior Service Company, Duquesne Light Company, Ohio Edison Company, Pennsylvania Power Company, and Toledo Edison Company (the licensees) dated September 27, 1993, and December 16, 1994, comply with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. NPF-58 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendix A and the Environmental Protection Plan contained in Appendix B, as revised through Amendment No. 70 are hereby incorporated into this license. The Cleveland Electric Illuminating Company shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of its date of issuance and shall be implemented not later than 90 days after issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Jon B. Hopkins, Sr. Project Manager  
Project Directorate III-3  
Division of Reactor Projects III/IV  
Office of Nuclear Reactor Regulation

Attachment: Changes to the Technical  
Specifications

Date of issuance: June 27, 1995

ATTACHMENT TO LICENSE AMENDMENT NO. 70

FACILITY OPERATING LICENSE NO. NPF-58

DOCKET NO. 50-440

Replace the following pages of the Appendix "A" Technical Specifications with the attached pages. The revised pages are identified by Amendment number and contain vertical lines indicating the area of change.

Remove

6-7

6-8

Insert

6-7

6-8

### 6.2.3 INDEPENDENT SAFETY ENGINEERING GROUP (ISEG)

#### FUNCTION

6.2.3.1 The ISEG shall function to examine unit operating characteristics, NRC issuances, industry advisories, Licensee Event Reports, and other sources of unit design and operating experience information, including units of similar design, which may indicate areas for improving unit safety. The ISEG shall make detailed recommendations for revised procedures, equipment modifications, maintenance activities, operations activities, or other means of improving unit safety to the Engineering Department Head.

#### COMPOSITION

6.2.3.2 The ISEG shall be composed of at least five, dedicated, full-time engineers or technically oriented individuals located onsite. Each shall have either (1) a bachelor's degree in engineering or related science and at least 2 years professional level experience in his field, at least 1 year of which experience shall be in the nuclear field, or (2) equivalent work experience as described in Section 4.1 of ANSI/ANS 3.1, December 1981.

#### RESPONSIBILITIES

6.2.3.3 The ISEG shall be responsible for maintaining surveillance of unit activities to provide independent verification\* that these activities are performed correctly and that human errors are reduced as much as practical.

#### RECORDS

6.2.3.4 Records of activities performed by the ISEG shall be prepared, maintained, and forwarded each calendar month to the Engineering Department Head.

### 6.2.4 SHIFT TECHNICAL ADVISOR

6.2.4.1 The Shift Technical Advisor shall provide advisory technical support to the Shift Supervisor in the areas of thermal hydraulics, reactor engineering, and plant analysis with regard to safe operation of the unit. The Shift Technical Advisor shall have a bachelor's degree or equivalent in a scientific or engineering discipline and shall have received specific training in the response and analysis of the unit for transients and accidents, and in unit design and layout, including the capabilities of instrumentation and controls in the control room.

### 6.3 UNIT STAFF QUALIFICATIONS

6.3.1 Each member of the unit staff shall meet or exceed the minimum qualifications of ANSI N18.1-1971 for comparable positions, except the operations manager or an operations middle manager shall hold a Senior Reactor Operator (SRO) license, the Plant Health Physicist shall meet or exceed the qualifications of Regulatory Guide 1.8, September 1975, and the licensed Operators and Senior Operators shall comply with the requirements of 10 CFR 55.

\*Not responsible for sign-off function.

## ADMINISTRATIVE CONTROLS

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### 6.4 TRAINING

#### 6.4.1 Deleted

### 6.5 REVIEW AND AUDIT

#### 6.5.1 PLANT OPERATIONS REVIEW COMMITTEE (PORC)

##### FUNCTION

6.5.1.1 The PORC shall function to advise the Plant Manager on all matters related to nuclear safety.

##### COMPOSITION

6.5.1.2 The Plant Operations Review Committee (PORC) shall be composed of at least six but not more than eleven members of the Perry Nuclear Power Plant onsite management organization. The members shall be Section heads or above, except for selected Professional-Technical disciplines which report directly to Section heads, collectively having experience and competence in at least the following disciplines: operations, maintenance, technical, reactor engineering, instrumentation and controls, and radiation protection, plus any other areas as determined by the Plant Manager. The PORC membership shall be designated in writing by the Plant Manager.

The PORC members shall meet the applicable unit staff qualifications for their respective discipline(s) as stated in Specification 6.3.1. The PORC Chairman shall be drawn from the PORC members and shall be designated in writing by the Plant Manager.

##### ALTERNATES

6.5.1.3 All alternate members shall be appointed in writing by the PORC Chairman to serve on a temporary basis; however, no more than two alternates shall participate as voting members in PORC activities at any one time.

##### MEETING FREQUENCY

6.5.1.4 The PORC shall meet at least once per calendar month and as convened by the PORC Chairman or his designee.

##### QUORUM

6.5.1.5 The quorum of the PORC necessary for the performance of the PORC responsibility and authority provisions of these Technical Specifications shall consist of a majority of the members. The Chairman (or his designee) and voting alternate members may be utilized to meet the quorum requirement.





UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 70 TO FACILITY OPERATING LICENSE NO. NPF-58  
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY, ET AL.  
PERRY NUCLEAR POWER PLANT, UNIT NO. 1

DOCKET NO. 50-440

1.0 INTRODUCTION

In a letter dated September 27, 1993, The Cleveland Electric Illuminating Company, et al. (licensees), proposed an amendment to Facility Operating License No. NPF-58 for the Perry Nuclear Power Plant, Unit No. 1. The amendment revises Technical Specification (TS) Section 6.3.1, "Unit Staff Qualifications," to make it consistent with the current requirements of Part 55 of Title 10 of the Code of Federal Regulations (10 CFR 55). The amendment also deletes TS Section 6.4.1, "Training," because the requirements associated with training are now contained in 10 CFR 55 and 10 CFR 50.120.

In addition, in a letter dated December 16, 1994, the licensee proposed another change to TS 6.3.1. Currently, the TS requires that the Operations Manager (OM) obtain a senior reactor operator (SRO) license by August 1995. The proposed change would relieve the requirement for the OM to hold a Perry Nuclear Power Plant (PNPP) SRO license if an Operations section middle manager holds a PNPP SRO license.

2.0 EVALUATION

TS 6.3.1 requires, in part, that "The licensed Operators and Senior Operators shall also meet or exceed the minimum qualifications of the supplemental requirements specified in Sections A and C of Enclosure 1 of the March 28, 1980, NRC letter to all licensees." The proposed change would replace the above with "...and the licensed Operators and Senior Operators who shall comply with the requirements of 10 CFR 55." This regulation was amended in 1987 to clarify the regulations for licensing of reactor operators and senior reactor operators. The amended rule allows a systems approach to training. The licensee has instituted a systems approach to training, and their program is accredited by the Institute of Nuclear Power Operations. The NRC staff finds that the proposed change to the TS to reference 10 CFR Part 55 for licensed operator qualifications is acceptable.

TS 6.4.1 contains requirements for training of unit staff. However in 1993, the NRC issued a rule (10 CFR 50.120) which established requirements for training and qualifications. This rule superseded all previous requirements for unit staff training. As a result, TS 6.4.1 is no longer appropriate, and the licensee's proposal to delete TS 6.4.1 is acceptable to the NRC staff.

The licensee has requested the change to allow an Operations middle manager to hold a PNPP SRO license, in lieu of the OM in order to continue with efforts to improve the operational performance of PNPP by allowing the OM to return to normal duties after completion of classroom training. The Operations section middle manager holding the PNPP SRO license (currently the Operations Superintendent) will be required to meet the qualifications described in Section 4.3.8, "Operations," of ANSI/ANS-3.1-1993.

The intent of the management license requirement is to ensure that the individual directing Operations Section activities has the necessary and relevant operational experience and knowledge for the particular plant's technology. The alternative of an Operations middle manager holding the plant-specific SRO license accomplishes that intent. The licensee did not, however, want to update this provision of technical specifications to refer to the ANSI/ANS-3.1-1993 standard, because that would add various other prescriptive requirements, nor is that needed for the purposes of this administrative control. Therefore, the NRC staff finds the proposed alternative to be acceptable.

Finally, the proposed changes do not affect the Perry Improved TS issued on June 23, 1995. Therefore, the NRC staff has reviewed the licensee's proposed changes to TS 6.3.1 and to delete TS 6.4.1, and based on the above, finds the changes to be acceptable.

### 3.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Ohio State official was notified of the proposed issuance of the amendment. The State official had no comments.

### 4.0 ENVIRONMENTAL CONSIDERATION

Pursuant to 10 CFR 51.21, 51.32, and 51.35, an Environmental Assessment and Finding of No Significant Impact has been prepared and published in the Federal Register on March 7, 1995 (60 FR 12575). Accordingly, based upon the Environmental Assessment, the Commission has determined that the issuance of this amendment will not have a significant effect on the quality of the human environment.

### 5.0 CONCLUSION

The staff has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: J. Hopkins

Date: June 27, 1995