

June 14, 2002

Mr. John L. Skolds, President
and Chief Nuclear Officer
Exelon Nuclear
Exelon Generation Company, LLC
200 Exelon Way, KSA 3-E
Kennett Square, PA 19348

SUBJECT: LIMERICK GENERATING STATION, UNITS 1 AND 2 - ISSUANCE OF
AMENDMENT RE: REQUIREMENTS TO CLARIFY LICENSED OPERATOR
QUALIFICATION AND TRAINING (TAC NOS. MB2692 AND MB2693)

Dear Mr. Skolds:

The Commission has issued the enclosed Amendment No. 160 to Facility Operating License No. NPF-39 and Amendment No. 122 to Facility Operating License No. NPF-85 for the Limerick Generating Station (LGS), Units 1 and 2. These amendments consist of changes to the Technical Specifications (TSs) in response to your application dated August 1, 2001.

These amendments revise the TSs for LGS Units 1 and 2 by deleting Section 6.4, "Training."

A copy of our safety evaluation is also enclosed. Notice of Issuance will be included in the Commission's biweekly *Federal Register* notice.

Sincerely,

/RA/

Christopher Gratton, Sr. Project Manager, Section 2
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-352 and 50-353

Enclosures: 1. Amendment No. 160 to
License No. NPF-39
2. Amendment No. 122 to
License No. NPF-85
3. Safety Evaluation

cc w/encls: See next page

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DISTRIBUTION:

MO'Brien	RDennig	PUBLIC	CGratton	EThomas
DTrimble	PDI-2 R/F	OGC	ACRS	
SRichards	GHill (4)	JClifford	BPlatchek, RGN-I	

Accession Number: ML021270233

*See previous concurrence

OFFICE	PDI-2/PM	PDI-2/PM	PDI-2/LA	OGC	IEHB/IOHS	RORP/TSS	PDI-2/SC
NAME	EThomas*	CGratton	MO'Brien	S Uttal*	DTrimble*	R Dennig	JClifford
DATE	05/13/02	6-5-02	6/6/02	5/28/02	5/21/02	6/5/02	6/11/02

Official Record Copy

Limerick Generating Station, Units 1 & 2

cc:

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Limerick Generating Station, Units 1 & 2

cc:

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EXELON GENERATION COMPANY, LLC

DOCKET NO. 50-352

LIMERICK GENERATING STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 160
License No. NPF-39

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Exelon Generation Company, LLC (the licensee) dated August 1, 2001, complies 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-39 is hereby amended to read as follows:

Technical Specifications

The Technical Specifications contained in Appendix A and the Environmental Protection Plan contained in Appendix B, as revised through Amendment No. 160, are hereby incorporated into this license. Exelon Generation 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 within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

James W. Clifford, Chief, Section 2
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Attachment: Changes to the
Technical Specifications

Date of Issuance: June 14, 2002

ATTACHMENT TO LICENSE AMENDMENT NO. 160

FACILITY OPERATING LICENSE NO. NPF-39

DOCKET NO. 50-352

Replace the following pages of the Appendix A Technical Specifications with the attached revised pages. The revised pages are identified by amendment number and contain marginal lines indicating the areas of change.

Remove

xxvi
6-7

Insert

xxvi
6-7

EXELON GENERATION COMPANY, LLC

DOCKET NO. 50-353

LIMERICK GENERATING STATION, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 122
License No. NPF-85

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Exelon Generation Company, LLC (the licensee) dated August, 1, 2001, complies 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-85 is hereby amended to read as follows:

Technical Specifications

The Technical Specifications contained in Appendix A and the Environmental Protection Plan contained in Appendix B, as revised through Amendment No. 122, are hereby incorporated in the license. Exelon Generation Company shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. The license amendment is effective as of its date of issuance and shall be implemented within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

James W. Clifford, Chief, Section 2
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Attachment: Changes to the
Technical Specifications

Date of Issuance: June 14, 2002

ATTACHMENT TO LICENSE AMENDMENT NO. 122

FACILITY OPERATING LICENSE NO. NPF-85

DOCKET NO. 50-353

Replace the following pages of the Appendix A Technical Specifications with the attached revised pages. The revised pages are identified by amendment number and contain marginal lines indicating the areas of change.

Remove

xxvi

6-7

Insert

xxvi

6-7

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NOS. 160 AND 122 TO FACILITY OPERATING
LICENSE NOS. NPF-39 AND NPF-85
EXELON GENERATION COMPANY, LLC
LIMERICK GENERATING STATION, UNITS 1 AND 2
DOCKET NOS. 50-352 AND 50-353

1.0 INTRODUCTION

By application dated August 1, 2001, the Exelon Generation Company, LLC (the licensee), requested changes to the Technical Specifications for the Limerick Generating Station (LGS), Units 1 and 2. The proposed changes would delete Section 6.4, "Training," from the LGS Units 1 and 2 TSs. The licensee believes that the requirements in Section 6.4 of the LGS Units 1 and 2 TSs are redundant to the requirements in Title 10 of the *Code of Federal Regulations* (10 CFR), Part 55, "Operators' Licenses," and Section 50.120, "Training and qualification of nuclear power plant personnel."

2.0 REGULATORY EVALUATION

The licensee identified the bases for the current requirements in Section C of Attachment A of their August 1, 2001, letter. The Nuclear Regulatory Commission (NRC, the Commission) staff based its acceptance of the proposed change to the TSs on the following regulations and guidance:

The NRC sets forth the requirements for the contents of the TSs in 10 CFR 50.36, "Technical specifications." Specifically, licensees must include those administrative controls necessary to assure operation of a facility in a safe manner in the TSs, as required by 10 CFR 50.36(c)(5), "Administrative controls."

Similarly, 10 CFR Part 55 contains the regulatory requirements for licensed operators at nuclear power plants, including requirements for their training and qualification. Regulatory Guide 1.8, "Qualification and Training of Personnel for Nuclear Power Plants," contains specific guidance for complying with those portions of the Commission's regulations regarding the training and qualification of nuclear power plant personnel.

On March 14, 1985, the NRC issued "Commission Policy Statement on Training and Qualification of Nuclear Power Plant Personnel" that recognized industry commitment to accredit training programs. In the policy statement, the NRC endorsed the training accreditation program managed by the Institute of Nuclear Power Operations (INPO) because it encompassed the elements of performance-based training.

Generic Letter 87-07, "Information Transmittal of Final Rulemaking for Revisions to Operator Licensing - 10 CFR 55 and Confirming Amendments," dated March 19, 1987, transmitted the revised version of 10 CFR Part 55 to licensees and informed licensees of their option to substitute an accredited training program based on a systems approach to training for initial and requalification training programs previously approved by the NRC. The letter also noted the NRC's expectation that facility licensees would update their licensing basis documents, as necessary, to conform with their accredited program status.

NUREG-1262, "Answers to Questions at Public Meetings Regarding Implementation of Title 10, Code of Federal Regulations, Part 55 on Operators' Licenses," issued in November 1987, clarified and reiterated the NRC staff's expectations regarding licensee training programs following the 1987 revision of 10 CFR Part 55, specifically with regard to 10 CFR 55.31(a), Revision 2 to Regulatory Guide 1.8, accredited training programs, and the need to update licensing basis documents.

The staff issued NRC Regulatory Issue Summary (RIS) 2001-01, "Eligibility of Operator License Applicants," on January 18, 2001, to familiarize licensees with the NRC's current guidelines for the qualification and training of licensed operator applicants. The RIS also encouraged licensees to review their requirements with regard to licensed operator training and experience and update their documentation (including TSs) to enhance consistency and minimize confusion.

Published in 1993, 10 CFR 50.120, sets forth the training and qualification requirements for certain categories of nuclear power plant personnel.

3.0 TECHNICAL EVALUATION

The NRC staff reviewed the licensee's regulatory and technical bases in support of its proposed license amendment which are described in Sections C, D, E, and F of Attachment A of the licensee's submittal. The detailed evaluation below supports the conclusion that the proposed change to the TSs is acceptable.

The licensee proposed to delete Section 6.4 from the LGS Unit 1 and 2 TSs on the basis that it is redundant with the requirements of 10 CFR Part 55 for licensed operators, and 10 CFR 50.120 for non-licensed personnel. The LGS TSs currently state that the training programs for the unit staff shall be maintained under the direction of the site training organization, shall meet or exceed the standards of ANSI/ANS 3.1-1978, "Selection, Qualification and Training of Personnel for Nuclear Power Plants," for retraining and replacement training programs for all affected positions except licensed operators, and shall comply with 10 CFR Part 55 for licensed operator retraining and replacement training programs. The NRC staff compared the requirements proposed to be removed from the TSs with those currently in the regulations to determine whether the TS section could be deleted. The staff also evaluated removing the training requirements for licensed operators and non-licensed personnel from the TSs against the requirements of 10 CFR 50.36(a)(5).

For licensed operators, 10 CFR Part 55 establishes the procedures and criteria for the issuance of licenses to operators and senior operators of nuclear power plants, including training and qualification requirements, and is applicable to any individual who operates the controls of a facility licensed pursuant to 10 CFR Part 50. Since 10 CFR Part 55 already contains the

requirements for licensed operator training, is applicable to the licensed operator staff at LGS Units 1 and 2, and is referenced in the current TS 6.4 requirements, the staff concludes that current LGS Units 1 and 2 TS 6.4 is redundant to the requirements for licensed operators in 10 CFR Part 55 and can be deleted.

For non-licensed personnel, the promulgation of 10 CFR 50.120 in 1993 set forth the requirements for training and qualification of nuclear power plant personnel other than licensed operators. The licensee stated in their application that the LGS non-licensed operator training programs have been INPO-accredited and meet the requirements of 10 CFR 50.120. Specifying requirements for non-licensed personnel training programs in 10 CFR 50.120 obviates the need to further specify requirements for these training programs in the licensee's TSs. While not redundant, 10 CFR 50.120 supercedes the existing LGS TS requirement that training programs for non-licensed personnel meet or exceed the standards of ANSI/ANS 3.1-1978. As a result, the NRC staff concludes that deleting the requirements for non-licensed operator training programs contained in Section 6.4 of the LGS Units 1 and 2 TSs is acceptable because the requirements governing the training of non-licensed operators are contained in 10 CFR 50.120 and are applicable to LGS Units 1 and 2.

The NRC staff verified the requirements of 10 CFR 50.36(c)(5) will continue to be met after the removal of TS 6.4 from the LGS Units 1 and 2 TSs. The staff's review of the requirements in TS 6.4 found they were redundant to or superceded by the requirements contained in 10 CFR Part 55 and 10 CFR 50.120; and, therefore, their removal from the TSs will not affect the requirement to ensure the licensee maintains administrative controls that assure the operation of the facility in a safe manner.

Deleting Section 6.4 from the LGS Units 1 and 2 TSs eliminates any confusion regarding standards and expectations for training by removing the redundant or superceded requirements. Therefore, the staff finds the proposed changes acceptable.

4.0 STATE CONSULTATION

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

5.0 ENVIRONMENTAL CONSIDERATION

The amendments relate to changes in recordkeeping, reporting, or administrative procedures or requirements. Accordingly, the amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendments.

6.0 CONCLUSION

The Commission 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 the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributors: E. Thomas
C. Gratton

Date: June 14, 2002