

Mr. Steven E. Miltenberger
Vice President and Chief Nuclear
Officer
Public Service Electric & Gas
Company
Post Office Box 236
Hancocks Bridge, New Jersey 08038

Dear Mr. Miltenberger:

SUBJECT: OPERATIONS MANAGER AND LICENSED OPERATOR QUALIFICATION AND TRAINING
REQUIREMENTS AMENDMENT, HOPE CREEK GENERATING STATION
(TAC NOS. M83831 AND M84049)

The Commission has issued the enclosed Amendment No. 56 to Facility Operating License No. NPF-57 for the Hope Creek Generating Station. This amendment consists of changes to the Technical Specifications (TSs) in response to your applications dated June 4, 1992 and July 8, 1992, as supplemented by letters dated September 1, 1992, October 6, 1992, and November 16, 1992.

This amendment changes TS 6.3 to delete the Operations Manager as a position requiring a Senior Reactor Operator (SRO) license and delineate the requirements for the Operations Manager position, and changes TS 6.3.1 and 6.4.1 to delete existing licensed operator qualification and training requirements that are superseded based on 1) INPO accreditation of Hope Creek's licensed operator training programs, and 2) promulgation of the revised 10 CFR Part 55.

A copy of our safety evaluation is also enclosed. Notice of Issuance will be included in the Commission's biweekly Federal Register notice. You are requested to inform the NRC, in writing, when this amendment has been implemented.

Sincerely,

/s/

Stephen Dembek, Project Manager
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

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Enclosures:

- 1. Amendment No. 56 to License No. NPF-57
- 2. Safety Evaluation

cc w/enclosures:
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SVarga	OGC	CGrimes, 11E-21	JWhite, R-I
JCalvo	DHagan, 3206	ACRS(10)	RGallo

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CP-1

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555

December 21, 1992

Docket No. 50-354

Mr. Steven E. Miltenberger
Vice President and Chief Nuclear
Officer
Public Service Electric & Gas
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Post Office Box 236
Hancocks Bridge, New Jersey 08038

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Sincerely,

A handwritten signature in cursive script, appearing to read "Stephen Dembek".

Stephen Dembek, Project Manager
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 56 to License No. NPF-57
2. Safety Evaluation

cc w/enclosures:
See next page

Mr. Steven E. Miltenberger
Public Service Electric & Gas
Company

Hope Creek Generating Station

cc:

M. J. Wetterhahn, Esquire
Winston & Strawn
1400 L Street, N.W.
Washington, DC 20005-3502

Mr. J. A. Isabella
MGR. - Generation Department
Atlantic Electric Company
Post Office Box 1500
1199 Black Horse Pike
Pleasantville, New Jersey 08232

R. Fryling, Jr., Esquire
Law Department - Tower 5E
80 Park Place
Newark, New Jersey 07101

Richard Hartung
Electric Service Evaluation
Board of Regulatory Commissioners
2 Gateway Center, Tenth Floor
Newark, NJ 07102

Hope Creek Resident Inspector
U.S. Nuclear Regulatory Commission
P.O. Box 241
Hancocks Bridge, New Jersey 08038

Lower Alloways Creek Township
c/o Mary O. Henderson, Clerk
Municipal Building, P.O. Box 157
Hancocks Bridge, NJ 08038

Mr. S. LaBruna
Vice President - Nuclear Operations
Nuclear Department
P.O. Box 236
Hancocks Bridge, New Jersey 08038

Mr. J. J. Hagan
General Manager - Hope Creek Operations
Hope Creek Generating Station
P.O. Box 236
Hancocks Bridge, New Jersey 08038

Mr. Frank X. Thomson, Jr., Manager
Licensing and Regulation
Nuclear Department
P.O. Box 236
Hancocks Bridge, New Jersey 08038

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pennsylvania 19406

Dr. Jill Lipoti, Asst. Director
Radiation Protection Programs
NJ Department of Environmental
Protection
CN 415
Trenton, New Jersey 08625-0415



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

PUBLIC SERVICE ELECTRIC & GAS COMPANY

ATLANTIC CITY ELECTRIC COMPANY

DOCKET NO. 50-354

HOPE CREEK GENERATING STATION

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No.56
License No. NPF-57

1. The Nuclear Regulatory Commission (the Commission or the NRC) has found that:
 - A. The applications for amendment filed by the Public Service Electric & Gas Company (PSE&G) dated June 4, 1992 and July 8, 1992, as supplemented by letters dated September 1, 1992, October 6, 1992, and November 16, 1992, 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 set forth in 10 CFR Chapter I;
 - 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-57 is hereby amended to read as follows:

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(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 56 , and the Environmental Protection Plan contained in Appendix B, are hereby incorporated into the license. PSE&G 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 60 days of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Charles L. Miller

Charles L. Miller, Director
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: December 21, 1992

ATTACHMENT TO LICENSE AMENDMENT NO. 56

FACILITY OPERATING LICENSE NO. NPF-57

DOCKET NO. 50-354

Replace the following pages of the Appendix "A" Technical Specifications with the attached pages. The revised page is identified by Amendment number and contains vertical lines indicating the area of change. Overleaf page provided to maintain document completeness.*

Remove

6-5
6-6

Insert

6-5*
6-6

TABLE 6.2.2-1

MINIMUM SHIFT CREW COMPOSITION

SINGLE UNIT FACILITY

POSITION	NUMBER OF INDIVIDUALS REQUIRED TO FILL POSITION	
	CONDITION 1, 2, or 3	CONDITION 4 or 5
SNSS*	1	1
NSS*	1	None
NCO	2	1
EO	2	1
STA	1	None
RPT	1	1

TABLE NOTATION

- SNSS - Senior Nuclear Shift Supervisor with a Senior Reactor Operator license on the Unit
- NSS - Nuclear Shift Supervisor with a Senior Reactor Operator license on the Unit
- NCO - Nuclear Control Operator with a Reactor Operator license on the Unit
- EO - Equipment Operator
- STA - Shift Technical Advisor
- RPT - Radiation Protection Technician

Except for the Senior Nuclear Shift Supervisor, the shift crew composition may be one less than the minimum requirements of Table 6.2.2-1 for a period of time not to exceed 2 hours in order to accommodate unexpected absence of on-duty shift crew members provided immediate action is taken to restore the shift crew composition to within the minimum requirements of Table 6.2.2-1. This provision does not permit any shift crew position to be unmanned upon shift change due to an oncoming shift crewman being late or absent.

During any absence of the Senior Nuclear Shift Supervisor from the control room while the unit is in OPERATIONAL CONDITION 1, 2 or 3, an individual with a valid Senior Reactor Operator license shall be designated to assume the control room command function. During any absence of the Senior Nuclear Shift Supervisor from the control room while the unit is in OPERATIONAL CONDITION 4 or 5, an individual with a valid Senior Reactor Operator license or Operator license shall be designated to assume the control room command function.

*In cases where an individual has a Senior Reactor Operator's license on the unit, is a qualified STA, and has a Professional Engineers License by virtue of successful completion of the Professional Engineers examination or a bachelor's degree in a scientific, engineering, or engineering technology discipline from an accredited institution, the individual can serve in a dual role capacity as either the SNSS/STA or NSS/STA. (Note: For those individuals with a bachelor's degree in a scientific or engineering technology discipline, course work must have included physical, mathematical, or engineering science.) Otherwise, there shall be a qualified STA as well as a SNSS and NSS on-shift.

ADMINISTRATIVE CONTROLS

6.2.3 SHIFT TECHNICAL ADVISOR

6.2.3.1 The Shift Technical Advisor shall provide advisory technical support to the Senior Nuclear 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/ANS 3.1-1981 for comparable positions, except for the individual designated as the Radiation Protection Manager who shall meet or exceed the qualifications of Regulatory Guide 1.8, September 1975, the individual designated as the operations manager who shall meet or exceed the minimum qualifications of ANSI/ANS 3.1-1981 except as modified by Specification 6.3.3, and the licensed operators who shall comply with the requirements of 10 CFR Part 55.

6.3.2 The Operating Engineer, Senior Nuclear Shift Supervisors, and Nuclear Shift Supervisors, shall hold a senior reactor operator license. The Nuclear Control Operators shall hold a reactor operator license.

6.3.3 The Operations Manager shall meet one of the following:

- (1) Hold a senior reactor operator license, or
- (2) Have held a senior reactor operator license for this or a similar unit (BWR).

6.4 TRAINING

6.4.1 A retraining and replacement training program for the unit staff shall: 1) be maintained under the direction of the Manager-Nuclear Training, 2) shall meet or exceed the requirements and recommendations of Section 5.5 of ANSI/ANS 3.1-1981 for all affected positions except licensed operators, and 3) comply with the requirements of 10 CFR Part 55 for licensed operators.

6.4.2 A training program for the Fire Brigade shall be maintained under the direction of the Manager - Site Protection and shall meet or exceed the requirements of the SRP (NUREG-0800) Section 13.2.2.II.6, 10 CFR 50 Appendix R and Branch Technical Position CMEB 9.5.1, Section C.3.d.

6.5 REVIEW AND AUDIT

6.5.1 STATION OPERATIONS REVIEW COMMITTEE (SORC)

FUNCTION

6.5.1.1 The SORC shall function to advise the General Manager - Hope Creek Operations on all matters related to nuclear safety.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 56 TO FACILITY OPERATING LICENSE NO. NPF-57

PUBLIC SERVICE ELECTRIC & GAS COMPANY

ATLANTIC CITY ELECTRIC COMPANY

HOPE CREEK GENERATING STATION

DOCKET NO. 50-354

1.0 INTRODUCTION

By letters dated June 4, 1992 and July 8, 1992, as supplemented by letters dated September 1, 1992, October 6, 1992, and November 16, 1992, the Public Service Electric & Gas Company (PSE&G) and Atlantic City Electric Company (the licensees) submitted requests for changes to the Hope Creek Generating Station, Technical Specification (TS). The requested changes would delete the Operations Manager as a position requiring a Senior Reactor Operator (SRO) license and delineate the requirements for the Operations Manager position. These proposed changes would require the Operations Manager to either hold an SRO license or to have held an SRO license on a similar facility. The requested changes would also delete existing licensed operator qualification and training requirements that are superseded based on 1) INPO accreditation of Hope Creek's licensed operator training programs, and 2) promulgation of the revised 10 CFR Part 55. The September 1, 1992, October 6, 1992, and November 16, 1992, letters provided clarifying information that did not change the initial proposed no significant hazards consideration determination published in the Federal Register on July 22, 1992 (57 FR 32576) and August 19, 1992 (57 FR 37571).

Specifically, the licensee proposed the following changes:

1. Revise TS Section 6.3.1 and add TS Section 6.3.3 to delineate the requirements for the Operations Manager position.
2. Revise TS Section 6.3.2 to delete the Operations Manager as a position requiring an SRO license.
3. Delete the requirement from TS Section 6.3.1 that licensed operators meet or exceed the minimum qualification of ANSI/ANS 3.1-1981 and the supplemental requirements specified in Sections A and C of the March 28, 1980 NRC letter to all licensees. This is replaced by a requirement that licensed operators comply with the requirements of 10 CFR Part 55.

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4. Delete the requirement from TS Section 6.4.1 that the licensed operator retraining and replacement training programs meet or exceed the requirements of ANSI/ANS 3.1-1981 and the supplemental requirements specified in Sections A and C of Enclosure 1 of the March 28, 1980 NRC letter to all licensees. This is replaced by a requirement that the training programs comply with the requirements of 10 CFR Part 55.

2.0 EVALUATION

The changes proposed by PSE&G would revise the current requirement that the Operations Manager hold a Senior Reactor Operator (SRO) license for operation of Hope Creek Generating Station (HCGS). Under the revision, the Operations Manager would only be required to hold or to have held an SRO license on a similar plant, i.e., a BWR. However, shift personnel would continue to report directly to the Operating Engineer who is required to be licensed as an SRO for HCGS, and who in turn reports directly to the Operations Manager.

We find the requested change in qualifications for the position of Operations Manager acceptable because the shift personnel will continue to report directly to a management position that has an SRO license on that unit, i.e., the Operating Engineer. The Operating Engineer is required by Technical Specification 6.3.2 to hold an SRO license.

PSE&G is also proposing administrative changes to update TS 6.3.1 and 6.4.1 to conform with the current revised regulations. PSE&G used NUREG-1262, "Answers to Questions at Public Meetings Regarding Implementation of Title 10, Code of Federal Regulations, Part 55 on Operator's Licenses," published in 1987, which documents the information and guidance provided by the NRC on the requirements of the revised 10 CFR Part 55. The current TS requirements are superseded based on the INPO accreditation of HCGS's adoption of a "systems approach to training," and promulgation of the revised 10 CFR Part 55. The licensed operator qualifications and training programs will continue to be required to comply with the requirements of 10 CFR Part 55, and the qualifications and training programs for all other affected unit staff will continue to be required to meet or exceed the standards of ANSI/ANS 3.1-1981 (except for the Radiation Protection Manager who will continue to be required to meet or exceed the qualifications of RG 1.8, September 1975, and the Operations Manager, who will meet the requirements of TS 6.3.3).

The staff finds the proposed changes acceptable.

3.0 STATE CONSULTATION

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

4.0 ENVIRONMENTAL CONSIDERATION

The amendment relates to changes in recordkeeping, or administrative procedures or requirements. Accordingly, this amendment meets 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 this amendment.

5.0 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 amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: A. Keller

Date: December 21, 1992

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Vice President and Chief Nuclear
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