



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

August 4, 2015

Mr. Peter Orphanos  
Vice President, Nine Mile Point  
Exelon Generation Company, LLC  
Nine Mile Point Nuclear Station, LLC  
P. O. Box 63  
Lycoming, NY 13093

**SUBJECT: NINE MILE POINT NUCLEAR STATION, UNITS 1 AND 2 - CORRECTION  
LETTER REGARDING ISSUANCE OF AMENDMENTS - RE: CHANGE TO  
TECHNICAL SPECIFICATION REQUIREMENTS REGARDING EDUCATION  
AND EXPERIENCE ELIGIBILITY REQUIREMENTS FOR LICENSED  
OPERATORS (TAC NOS. MF4786 AND MF4787)**

Dear Mr. Orphanos:

By letter dated July 9, 2015 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15167A315), the U.S. Nuclear Regulatory Commission issued Amendment No. 218 to Renewed Facility Operating License No. DPR-63 and Amendment No. 148 to Renewed Facility Operating License No. NPF-69 for the Nine Mile Point Nuclear Station, Units 1 and 2 (NMP1 and NMP2). The amendments consisted of changes to the Technical Specifications (TSs) in response to your application transmitted by letter dated September 11, 2014.

Due to the wrong amendment numbers being inadvertently swapped in the two licenses, the numbers need to be realigned and the change pages should be corrected as stated below:

- 1) On Attachment to License Amendment No. 218 to Renewed Facility Operating License No. DPR-63, Docket No. 50-220, delete the Reference to Page 4 under "Remove Page" and "Insert Page" columns.
- 2) On TS page 3 to Amendment No. 218 to Renewed Operating License DPR-63, add the Amendment No. 218 to TS Page 3, Paragraph C.(2), and insert the Amendment No. 218 at the bottom right hand corner of this TS page.
- 3) On Attachment to License Amendment No. 148 to Renewed Facility Operating License No. NPF-69, Docket No. 50-410, add the Reference Page 4 under "Remove Page" and "Insert Page" columns.
- 4) On Attachment to License Amendment No. 148 to Renewed Facility Operating License No. NPF-69, Docket No. 50-410 - under Appendix A Technical Specifications, change the TS number from 5.3.1 to 5.3-1.
- 5) On TS page 4 to Amendment No. 148 to Renewed Operating License NPF-69, add the Amendment No. 148 to TS Page 4, item (2), and insert the Amendment No. 148 at the bottom right hand corner of this TS page.

P. Orphanos

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The corrected pages to the Renewed Facility Operating License are attached. Please contact me at (301) 415-2020 or at [Brenda.Mozafari@nrc.gov](mailto:Brenda.Mozafari@nrc.gov) if you have any questions

Sincerely,

A handwritten signature in black ink, reading "Brenda L. Mozafari". The signature is fluid and cursive, with the first name "Brenda" being more prominent and the last name "Mozafari" written in a continuous script.

Brenda L. Mozafari, Sr. Project Manager  
Plant Licensing Branch I-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-220 and 50-410

Enclosures:

1. Amendment No. 218 to DPR-63
2. Amendment No. 148 to NPF-69
3. Safety Evaluation

cc w/encls: Distribution via Listserv

ATTACHMENT TO LICENSE AMENDMENT NO. 218  
TO RENEWED FACILITY OPERATING LICENSE NO. DPR-63  
DOCKET NO. 50-220

Replace the following page of the Renewed Facility Operating License with the attached revised page. The revised page is identified by amendment number and contains marginal lines indicating the areas of change.

Remove Page  
3

Insert Page  
3

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 Pages  
349

Insert Pages  
349

- (2) Exelon Generation pursuant to the Act and 10 CFR Part 70, to receive, possess and use at any time special nuclear material as reactor fuel, in accordance with the limitations for storage and amounts required for reactor operation, as described in the Final Safety Analysis Report, as supplemented and amended;
- (3) Exelon Generation pursuant to the Act and 10 CFR Parts 30, 40, and 70 to receive, possess and use at any time any byproduct, source and special nuclear material as sealed neutron sources for reactor startup, sealed sources for reactor instrumentation and radiation monitoring equipment calibration, and as fission detectors in amounts as required;
- (4) Exelon Generation pursuant to the Act and 10 CFR Parts 30, 40 and 70, to receive, possess and use in amounts as required any byproduct, source or special nuclear material without restriction to chemical or physical form, for sample analysis or instrument and equipment calibration or associated with radioactive apparatus or components.
- (5) Exelon Generation pursuant to the Act and 10 CFR Parts 30 and 70, to possess, but not separate, such byproduct and special nuclear materials as may be produced by the operation of the facility.

C. This renewed operating license shall be deemed to contain and is subject to the conditions specified in the following Commission regulations in 10 CFR Chapter I:

Part 20, Section 30.34 of Part 30; Section 40.41 of Part 40; Section 50.54 and 50.59 of Part 50; and Section 70.32 of Part 70. This renewed license is subject to all applicable provisions of the Act and to the rules, regulations, and orders of the Commission now or hereafter in effect and is also subject to the additional conditions specified or incorporated below:

(1) Maximum Power Level

The licensee is authorized to operate the facility at steady state reactor core power levels not in excess of 1850 megawatts (thermal).

(2) Technical Specifications

The Technical Specifications contained in Appendix A, which is attached hereto, as revised through Amendment No. 218 is hereby incorporated into this license. Exelon Generation shall operate the facility in accordance with the Technical Specifications.

(3) Deleted

- e. As a minimum, either the Manager Operations or the General Supervisor Operations shall hold an SRO license.
- f. The Shift Technical Advisor (STA) shall provide advisory technical support to the shift supervision in the areas of thermal hydraulics, reactor engineering, and plant analysis with regard to the safe operation of the unit. In addition, the STA shall meet the qualifications specified by the Commission Policy Statement on Engineering Expertise on Shift.

### 6.3 Unit Staff Qualifications

- 6.3.1 Each member of the unit staff, with the exception of the operator license applicants and the radiation protection manager, shall meet or exceed the minimum qualifications of ANSI N18.1-1971 for comparable positions. The radiation protection manager shall meet or exceed the qualifications of Regulatory Guide 1.8, September 1975. The licensed operators shall comply only with the requirements of 10 CFR 55.
- 6.3.2 For the purpose of 10 CFR 55.4, a licensed Senior Reactor Operator (SRO) and a licensed Reactor Operator (RO) are those individuals who, in addition to meeting the requirements of Specification 6.3.1, perform the functions described in 10 CFR 50.54(m).

### 6.4 Procedures

- 6.4.1 Written procedures and administrative policies shall be established, implemented and maintained that meet or exceed the requirements and recommendations of Sections 5.1 and 5.3 of ANSI N18.7-1972 and cover the following activities:
  - a. The applicable procedures recommended in Regulatory Guide 1.33, Appendix A, November 3, 1972;

ATTACHMENT TO LICENSE AMENDMENT NO. 148  
TO RENEWED FACILITY OPERATING LICENSE NO. NPF-69  
DOCKET NO. 50-410

Replace the following page of the Renewed Facility Operating License with the attached revised page. The revised page is identified by amendment number and contains marginal lines indicating the areas of change.

Remove Page  
4

Insert Page  
4

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 Pages  
5.3.1

Insert Pages  
5.3.1

(1) Maximum Power Level

Exelon Generation is authorized to operate the facility at reactor core power levels not in excess of 3988 megawatts thermal (100 percent rated power) in accordance with the conditions specified herein.

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A and the Environmental Protection Plan contained in Appendix B, both of which are attached hereto, as revised through Amendment No. 148 are hereby incorporated into this license. Exelon Generation shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

(3) Fuel Storage and Handling (Section 9.1, SSER 4)\*

- a. Fuel assemblies, when stored in their shipping containers, shall be stacked no more than three containers high.
- b. When not in the reactor vessel, no more than three fuel assemblies shall be allowed outside of their shipping containers or storage racks in the New Fuel Vault or Spent Fuel Storage Facility.
- c. The above three fuel assemblies shall maintain a minimum edge-to-edge spacing of twelve (12) inches from the shipping container array and approved storage rack locations.
- d. The New Fuel Storage Vault shall have no more than ten fresh fuel assemblies uncovered at any one time.

(4) Turbine System Maintenance Program (Section 3.5.1.3.10, SER)

The operating licensee shall submit for NRC approval by October 31, 1989, a turbine system maintenance program based on the manufacturer's calculations of missile generation probabilities. (Submitted by NMPC letter dated October 30, 1989 from C.D. Terry and approved by NRC letter dated March 15, 1990 from Robert Martin to Mr. Lawrence Burkhardt, III).

\* The parenthetical notation following the title of many license conditions denotes the section of the Safety Evaluation Report (SER) and/or its supplements wherein the license condition is discussed.

## 5.0 ADMINISTRATIVE CONTROLS

### 5.3 Unit Staff Qualifications

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- 5.3.1 Each member of the unit staff, with the exception of the operator license applicants and the radiation protection manager, shall meet or exceed the minimum qualifications of ANSI/ANS 3.1-1978 for comparable positions. The radiation protection manager shall meet or exceed the qualifications of Regulatory Guide 1.8, September 1975. The licensed operators shall comply only with the requirements of 10 CFR 55.
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Sincerely,

**/RA/**

Brenda L. Mozafari, Sr. Project Manager  
Plant Licensing Branch I-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

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DATE	7/29/2015	7/29/2015	8/3/2015	8/4/2015

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