



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

September 30, 1991

Docket No. 50-410

Mr. B. Ralph Sylvia  
Executive Vice President, Nuclear  
Niagara Mohawk Power Corporation  
301 Plainfield Road  
Syracuse, New York 13212

Dear Mr. Sylvia:

SUBJECT: ISSUANCE OF AMENDMENT FOR NINE MILE POINT NUCLEAR STATION,  
UNIT 2 (TAC NO. 80238)

The Commission has issued the enclosed Amendment No. 34 to Facility Operating License No. NPF-69 for the Nine Mile Point Nuclear Station Unit 2 (NMP-2). The amendment consists of changes to the Technical Specifications in response to your application transmitted by letter dated April 24, 1991.

The amendment revises the Technical Specifications 6.2.2.e and 6.2.4 to make the Shift Technical Advisor (STA) position a normally dedicated STA position, rather than the dual-role Assistant Station Shift Supervisor/Shift Technical Advisor (ASSS/STA) position currently specified. Additionally, the amendment corrects an error in Table 6.2.2-1 to alleviate potential ambiguity, and makes editorial changes in order to clarify Technical Specifications 6.2.2.e and 6.2.4.

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

Sincerely,

Donald S. Brinkman, Senior Project Manager  
Project Directorate I-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 34 to NPF-69
2. Safety Evaluation

cc w/enclosures:  
See next page

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Mr. B. Ralph Sylvia  
Niagara Mohawk Power Corporation

Nine Mile Point Nuclear Station  
Unit 2

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

NIAGARA MOHAWK POWER CORPORATION

DOCKET NO. 50-410

NINE MILE POINT NUCLEAR STATION, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 34  
License No. NPF-69

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Niagara Mohawk Power Corporation (the licensee) dated April 24, 1991, 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 1;
  - 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-69 is hereby amended to read as follows:

(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. 34 are hereby incorporated into this license. Niagara Mohawk Power Corporation shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of the date of its issuance to be implemented within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION

*Robert A. Capra*

Robert A. Capra, Director  
Project Directorate I-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: September 30, 1991

ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 34 TO FACILITY OPERATING LICENSE NO. NPF-69

DOCKET NO. 50-410

Revise Appendix A as follows:

Remove Pages

6-1a  
6-6  
6-7

Insert Pages

6-1a  
6-6  
6-7

## 6.0 ADMINISTRATIVE CONTROLS

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### ORGANIZATION

#### UNIT STAFF

##### 6.2.2 (Continued)

- b. At least one Licensed Operator shall be in the control room when fuel is in the reactor. In OPERATIONAL CONDITIONS 1, 2, or 3, at least one Licensed Senior Operator or Licensed Operator shall be at the controls of the unit.
- c. A Radiation Protection Technician\* shall be on site when fuel is in the reactor.
- d. At least two Licensed Operators shall be present in the control room during reactor startup, scheduled reactor shutdown, and during recovery from reactor trips.
- e. A Licensed Senior Operator shall be required in the control room during OPERATIONAL CONDITIONS 1, 2, and 3 and when the emergency plan is activated. This may be the Station Shift Supervisor - Nuclear, the Assistant Station Shift Supervisor - Nuclear or other individuals with a valid senior operator license. When the emergency plan is activated in OPERATIONAL CONDITIONS 1, 2, or 3 and a dedicated Shift Technical Advisor is not on-shift, then the Assistant Station Shift Supervisor - Nuclear becomes the Shift Technical Advisor and the Station Shift Supervisor - Nuclear is restricted to the control room until an additional Licensed Senior Operator arrives.

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\* The Radiation Protection Technician and Fire Brigade composition may be less than the minimum requirements for a period of time not to exceed 2 hours, in order to accommodate unexpected absence, provided immediate action is taken to fill the required positions. This provision does not permit any shift crew position to be unmanned upon shift change due to an oncoming crewman being late or absent.

TABLE 6.2.2-1

MINIMUM SHIFT CREW COMPOSITION(a)(b)

<u>POSITION</u>	<u>OPERATIONAL CONDITIONS</u>			
	<u>1, 2</u>	<u>3</u>	<u>4, 5</u>	<u>1, 2, 3, 4, 5</u>
Station Shift Supervisor(d)	1	1	1(e)	1(c)
Assistant Station Shift Supervisor(g)	1	1	None	1(c)
Operator	2, 3(h)	2	1	2(c) 3(c)(h)
Unlicensed(f)	2	2	1	3(c)
Shift Technical Advisor(g)	1	1	None	1(c)

TABLE NOTATIONS

- (a) At any one time, more licensed or unlicensed operating people could be present for maintenance, repairs, refuel outages, etc.
- (b) 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 because an oncoming shift crewman scheduled to come on duty is late or absent.
- (c) For operation longer than 8 hours without process computer.
- (d) Any time the Shift Supervisor is absent from the control room while the unit is in OPERATIONAL CONDITION 1, 2, or 3, the Assistant Station Shift Supervisor when not in the STA function, or another individual with a valid Senior Operator license shall be designated to assume the control room command function. During any absence of the Shift Supervisor from the control room while the unit is in OPERATIONAL CONDITION 4 or 5, an individual with a valid Senior Operator license or Operator license shall be designated to assume the control room command function.
- (e) An additional Senior Reactor Operator or Senior Reactor Operator Limited to Fuel Handling who has no other concurrent responsibilities shall supervise all core alterations.
- (f) Those operating personnel not holding an Operator or Senior Operator license.
- (g) The Assistant Station Shift Supervisor shall hold a Senior Operator's license and, if qualified, may perform the Shift Technical Advisor function when the Site Emergency Plan is activated in OPERATIONAL CONDITIONS 1, 2, or 3, if a dedicated Shift Technical Advisor is not available.
- (h) OPERATIONAL CONDITION 2 only.

## ADMINISTRATIVE CONTROLS

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### ORGANIZATION

#### RECORDS

6.2.3.4 Records of activities performed by the ISEG shall be prepared, maintained, and forwarded each calendar month to the Vice President - Nuclear Engineering.

#### 6.2.4 SHIFT TECHNICAL ADVISOR

Normally, the Shift Technical Advisor (STA) shall be a dedicated position. If, however, a dedicated STA cannot be provided on a shift, then the Assistant Station Shift Supervisor (ASSS) shall function in a dual role (SRO/STA) and assume the duties of the Shift Technical Advisor (STA) when the Emergency Plan is activated in OPERATIONAL CONDITIONS 1, 2 or 3. The STA 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 STA (and the ASSS, when fulfilling the role of the STA) shall have a bachelor's degree in a physical science, engineering, or a Professional Engineer's license issued by examination, 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 FACILITY STAFF QUALIFICATIONS

Each member of the unit staff shall meet or exceed the minimum qualifications of ANSI/ANS 3.1-1978 for comparable positions, except for the Manager Radiation Protection who shall meet or exceed the qualifications of Regulatory Guide 1.8, September 1975. 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.

#### 6.4 TRAINING

A retraining and replacement training program for the unit staff shall be maintained under the direction of the Manager Training, shall meet or exceed the requirements and recommendations of Section 5.5 of ANSI/ANS 3.1-1978 and Appendix A of 10 CFR 55, and the supplemental requirements specified in Sections A and C of Enclosure 1 of the March 28, 1980, NRC letter to all licensees, and shall include familiarization with relevant industry operational experience. A training program for the Fire Brigade shall be maintained under the direction of the Manager Training and the Supervisor - Fire Protection Nuclear and shall meet or exceed the requirements of Appendix R to 10 CFR 50.





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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 34 TO FACILITY OPERATING LICENSE NO. NPF-69  
NIAGARA MOHAWK POWER CORPORATION  
NINE MILE POINT NUCLEAR STATION, UNIT 2  
DOCKET NO. 50-410

1.0 INTRODUCTION

By letter dated April 24, 1991, Niagara Mohawk Power Corporation (the licensee) submitted a request for changes to the Nine Mile Point Nuclear Station, Unit 2, Technical Specifications (TS). The requested changes would revise Technical Specifications 6.2.2.e and 6.2.4 to make the Shift Technical Advisor (STA) position a normally dedicated STA position, rather than the dual-role Assistant Station Shift Supervisor/Shift Technical Advisor (ASSS/STA) position currently specified. Additionally, the amendment corrects an error in Table 6.2.2-1 to alleviate ambiguity, and makes editorial changes in order to clarify Technical Specifications 6.2.2.e and 6.2.4. Additional clarifying information that did not change the initial proposed no significant hazards consideration determination was provided in a teleconference on July 31, 1991.

2.0 EVALUATION

The NRC staff evaluated the licensee's request for a modification to Technical Specifications Section 6.2 regarding the STA position in accordance with the applicable criteria set forth in the Standard Review Plan (SRP) Section 16.0, "Technical Specifications."

The purpose of the proposed modification is to separate the ASSS/STA position into two separate positions. This proposed modification would allow the licensee to normally exercise option 2 (dedicated STA position) of Generic Letter 86-04, "Policy Statement on Engineering Expertise on Shift," and use option 1 (dual-role [SRO/STA] position) when necessary. It provides for an increase of the management complement on shift. The licensee has measures in place to ensure that only STA qualified ASSSs will be assigned to the dual-role position. Either these measures or similar measures will be maintained to provide continued assurance that only STA qualified ASSSs will be assigned to the dual-role position. Since the requested changes conform to existing policy guidance and meet the requirements of 10 CFR 50.54(m)(2)(i), they are acceptable.

The licensee proposed additional changes that are not directly associated with the STA position issue. A revision to Table 6.2.2-1 regroups the columns, eliminates one of the footnotes, and clarifies three of the footnotes. The proposed change also incorporates a correction to the third column of Table 6.2.2-1. The third column currently does not indicate the requirements for a third operator while in Operational Condition 2 for greater than 8 hours without the process computer. These additional administrative changes are acceptable since they correct or clarify requirements of the Technical Specifications.

### 3.0 STATE CONSULTATION

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

### 4.0 ENVIRONMENTAL CONSIDERATION

The amendment involves only changes in administrative procedures and requirements. Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR Section 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 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:  
Jesse Arildsen

Date: September 30, 1991

September 30, 1991

Docket No. 50-410

DISTRIBUTION:  
See attached sheet

Mr. B. Ralph Sylvia  
Executive Vice President, Nuclear  
Niagara Mohawk Power Corporation  
301 Plainfield Road  
Syracuse, New York 13212

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Sincerely,

Original Signed By:

Donald S. Brinkman, Senior Project Manager  
Project Directorate I-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

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E	:CVogan <i>CV</i>	:JMenning:smm	:DBrinkman	:BPA	:RACapra
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TO EXCLUSION OF  
SCHEDULED DATE

DATED: September 30, 1991-----

AMENDMENT NO. 34 TO FACILITY OPERATING LICENSE NO. NPF-69-NINE MILE POINT UNIT 2

Docket File

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PD Plant-specific file [Gray File]

cc: Plant Service list