

November 10, 1975

Docket No. 50-220

Niagara Mohawk Power Corporation  
ATTN: Mr. Gerald K. Rhode  
Vice President - Engineering  
300 Erie Boulevard West  
Syracuse, New York 13202

Gentlemen:

The Commission has issued the enclosed Amendment No. 4 to Facility Operating License No. BPR-63 for the Nine Mile Point Nuclear Station, Unit 1. The amendment includes Change No. 4 in the Technical Specifications in accordance with your application dated January 31, 1975.

This amendment modifies the limiting conditions for operation and surveillance requirements for installed filters in the Emergency Ventilation System and in the Control Room Air Treatment System. Selected modifications to the proposed changes were made with mutual concurrence of the NRC staff and the licensee.

Copies of the Safety Evaluation and the Federal Register Notice are also enclosed.

Sincerely,

George Lear, Chief  
Operating Reactors Branch #3  
Division of Reactor Licensing

Enclosures:

1. Amendment No. 4
2. Safety Evaluation
3. Federal Register Notice

cc: See next page

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OFFICE →	ORB#3	ORB#3	DTR:ETSB	OELD	ORB#3
SURNAME →	CParrish:kmf	JGuibert	JCollins	GLear	GLear
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Vice President-Engineering  
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CParrish	JCollins
JGuibert	ACRS (16)
GLear	Gray File
Extra Cys (5)	TBAbernathy, DTIE

Gentlemen:

The Commission has issued the enclosed Amendment No. 4 to Facility Operating License No. DRR-63 for the Nine Mile Point Nuclear Station, Unit 1. The amendment also incorporates Change No. 4 in the Technical Specifications in accordance with your application dated January 31, 1975.

This amendment modifies the limiting conditions for operation and surveillance requirements for installed filters in the Emergency Ventilation System and in the Control Room Air Treatment System. Selected modifications to the proposed changes were made with mutual concurrence of the NRC staff and the licensee.

Copies of the Safety Evaluation and the Federal Register Notice are also enclosed.

Sincerely,

George Lear, Chief  
Operating Reactors Branch #3  
Division of Reactor Licensing

Enclosures:

1. Amendment No. 4
2. Safety Evaluation
3. Federal Register Notice

cc: see next page

OFFICE →	RL:ORB #3	RL:ORB #3	DTR:ETSB	OELD	RL:ORB #3	
SURNAME →	CParrish:pg	JGuibert	JCollins		GLear	
DATE →	10/24/75	10/ /75	10/ /75	10/ /75	10/ /75	

Niagara Mohawk Power Corporation - -

cc:

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Dr. William Seymour, Staff Coordinator  
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New York State Department of Commerce  
112 State Street  
Albany, New York 12207

Oswego City Library  
120 E. Second Street  
Oswego, New York 13126

Mr. Robert P. Jones, Supervisor  
Town of Scriba  
R. D. #4  
Oswego, New York 13126

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

NIAGARA MOHAWK POWER CORPORATION

DOCKET NO. 50-220

NINE MILE POINT NUCLEAR STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 4  
License No. DPR-63

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Niagara Mohawk Power Corporation (the licensee) dated January 31, 1975, 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; and
  - 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.
2. Accordingly, the license is amended by a change to the Technical Specifications as indicated in the attachment to this license amendment and Paragraph 2.C.(2) of Facility License No. DPR-63 is hereby amended to read as follows:

"(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications, as revised by issued changes thereto through Change No. 4"

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



George Lear, Chief  
Operating Reactors Branch #3  
Division of Reactor Licensing

Attachment:  
Change No. 4  
Technical Specifications

Date of Issuance:  
November 10, 1975

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

Safety Evaluation By The Office of Nuclear Reactor Regulation

Supporting Amendment No. 4 To License No. DPR-63

(Change No. 4 To The Technical Specifications)

Niagara Mohawk Power Corporation

Nine Mile Point Nuclear Station Unit 1

Docket No. 50-220

Introduction

On January 31, 1975, Niagara Mohawk Power Corporation (NMPC) submitted an application for a license amendment which proposed to incorporate changes to the Technical Specifications, Appendix A to Facility Operating License No. DPR-63 for Nine Mile Point Nuclear Station Unit 1. The amendment modifies the limiting conditions for operation and surveillance requirements for installed filters in the Emergency Ventilation System and in the Control Room Air Treatment System. This submittal was in response to our request dated December 10, 1974.

Selected modifications to the proposed changes were made with mutual concurrence of the NRC staff and the licensee.

Discussion

1. Emergency Ventilation System

The emergency ventilation system (EVS) provides a means for minimizing the release of radioactive material from the containment to the environs by first filtering and then exhausting the atmosphere from the reactor building. Primary containment and vent exhaust can also be directed to the EVS for processing prior to release. Exhaust from the EVS is discharged through the main offgas stack.

The EVS consists of two identical, parallel air filtration trains, which share a common electric preheater. Each train has the capacity to clean up the reactor building atmosphere upon containment isolation and consists of a high efficiency particulate absorber (HEPA) filter, charcoal filter, HEPA filter, and exhaust fan.

The changes to the Technical Specifications proposed by NMPC would provide additional limiting conditions for operation. The filters and fans of the EVS are to undergo specific tests to assure their operating efficiency. The associated surveillance requirements provide the test intervals.

## 2. Control Room Air Treatment System

In the event of outside air contamination, the intake of outside air into the control room can be diverted through a single pass high efficiency filter train, or the intake can be closed and the control room internal air recirculated. The filter train consists of a HEPA filter and a charcoal filter and one of two parallel exhaust fans.

The changes to the Technical Specifications proposed by NMPC would provide limiting conditions for operation of this system; currently such requirements do not exist. The filter train of the control room air treatment system is to undergo specific tests to assure its operating efficiency. The associated surveillance requirements provide the test intervals. In addition, requirements are provided which specify (1) the length of time that the filter train may be inoperable during power operation, and (2) the course of action to be taken in the event that the filter train cannot be restored to operation before the expiration of this period of time.

### Evaluation

The Technical Specifications for installed filter systems as proposed by NMPC are quite similar to those that we developed and transmitted to NMPC in our letter of December 10, 1974. The changed Technical Specification requirements will further assure that the EVS filter system will effectively reduce radioactive releases and will further assure that the releases during postulated accident conditions will not exceed the limits of 10 CFR Part 100. In the case of the control room air treatment system, the addition of the proposed Technical Specifications will further assure that the filter train will effectively reduce radioactive concentrations in the ventilation intake to the control room during accident conditions and will further assure that the requirements of General Design Criterion 19 of Appendix A to 10 CFR Part 50 are satisfied.

Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the changes do not involve a significant increase in the probability or consequences of accidents previously considered and do not involve a significant decrease in a safety margin, the changes do not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Dated: November 10, 1975

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-220

NIAGARA MOHAWK POWER CORPORATION

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY  
OPERATING LICENSE

Notice is hereby given that the U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 4 to Facility Operating License No. DPR-63 issued to Niagara Mohawk Power Corporation which revised Technical Specifications for operation of the Nine Mile Point Nuclear Station, Unit 1, located in Oswego County, New York. The amendment is effective as of its date of issuance.

The amendment modifies the limiting conditions for operation and surveillance requirements for installed filters in the Emergency Ventilation System and in the Control Room Air Treatment System.

The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment is not required since the amendment does not involve a significant hazards consideration.

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DATE →	10/28/75	10/28/75	10/29/75	10/30/75	11/3/75

For further details with respect to this action, see (1) the application for amendment dated January 31, 1975, (2) Amendment No. 4 to License No. DPR-63, with Change No. 4 and (3) the Commission's related Safety Evaluation. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. and at the Oswego City Library, 120 E. Second Street, Oswego, New York, 13126.

A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Reactor Licensing.

Dated at Bethesda, Maryland, this 10th day of November, 1975.

FOR THE NUCLEAR REGULATORY COMMISSION

151

George Lear, Chief  
Operating Reactors Branch #3  
Division of Reactor Licensing

OFFICE ➤						
SURNAME ➤						
DATE ➤						