





UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the Matter of )  
)  
)

NIAGARA MOHAWK POWER CORPORATION )  
(Nine Mile Point Nuclear Station )  
Unit No. 1) )

Docket No. 50-220

**Regulatory**   **File 67**  
APPLICATION FOR AMENDMENT  
TO  
OPERATING LICENSE



Pursuant to Section 50.90 of the regulations of the Nuclear Regulatory Commission, Niagara Mohawk Power Corporation, holder of Facility Operating License No. DPR-63, hereby requests that Sections 3.1.3 and 4.1.3 of the Technical Specifications set forth in Appendix A to that License be amended. These proposed changes have been concurred with by the Site Operations Review Committee and the Safety Review and Audit Board.


The proposed Technical Specification changes are set forth in Attachment A to this application. Supporting Information, which demonstrates that the proposed changes do not involve a significant hazards consideration, is set forth in Attachment B. The proposed changes would not authorize any change in the types or any increase in the amounts of effluents or any change in the authorized power level of the facility.

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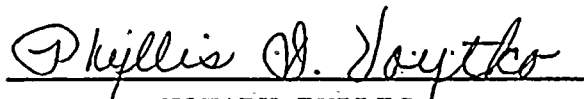
WHEREFORE, Applicant respectfully requests that  
Appendix A to Facility Operating License No. DPR-63 be  
amended in the form attached hereto as Attachment A.

NIAGARA MOHAWK POWER CORPORATION

By 

Gerald K. Rhode  
Vice President - Engineering

Subscribed and sworn to before  
me this 14th day of July, 1977.

  
NOTARY PUBLIC

PHYLLIS D. VOYTKO  
Notary Public in the State of New York  
Qualified in Onondaga Co., No. 34-9485535  
My Commission Expires March 30, 1978



ATTACHMENT A

Niagara Mohawk Power Corporation

License No. DPR-63

Docket No. 50-220

Proposed Change To Technical Specification

Attached are revised Pages 47 and 48.





## LIMITING CONDITION FOR OPERATION

### 3.1.3 EMERGENCY COOLING SYSTEM

#### Applicability:

Applies to the operating status of the emergency cooling system.

#### Objective:

To assure the capability of the emergency cooling system to cool the reactor coolant in the event the normal reactor heat sink is not available.

#### Specification:

- a. During power operating conditions and whenever the reactor coolant temperature is greater than 212F, both emergency cooling systems shall be operable except as specified in 3.1.3.b and c.
- b. During Cycle 5, with one emergency cooling system inoperable, Specification 3.1.3.a shall be considered fulfilled, provided the additional surveillance required is performed.
- c. During Cycle 6 and subsequent cycles if one emergency cooling system becomes inoperable, Specification 3.1.3.a shall be considered fulfilled, provided that the inoperable system is returned to an operable condition within 7 days and the additional surveillance required is performed.

## SURVEILLANCE REQUIREMENT

### 4.1.3 EMERGENCY COOLING SYSTEM

#### Applicability:

Applies to periodic testing requirements for the emergency cooling system.

#### Objective:

To assure the capability of the emergency cooling system for cooling of the reactor coolant.

#### Specification:

The emergency cooling system surveillance shall be performed as indicated below:

- a. At least once every five years -  
The system heat removal capability shall be determined.
- b. At least once daily -  
The shell side water level and makeup tank water level shall be checked.
- c. At least once per month -  
The makeup tank level control valve shall be manually opened and closed.



# LIMITING CONDITION FOR OPERATION

- d. Makeup water shall be available from the two gravity feed makeup water tanks.
- e. If Specifications 3.1.3a, b, c or d are not met, a normal orderly shutdown shall be initiated within one hour and the reactor shall be in the cold shutdown condition within ten hours.

# SURVEILLANCE REQUIREMENT

- d. At least once each shift -  
The area temperature shall be checked.
- e. During each major refueling outage -  
Automatic actuation and functional system testing shall be performed during each major refueling outage and whenever major repairs are completed on the system.
- f. Surveillance with an Inoperable System  
During Cycle 5 with one of the emergency cooling systems inoperable, the level control valve and the motor-operated isolation valve in the operable system shall be demonstrated to be operable immediately and weekly thereafter.  
  
During Cycle 6 and subsequent cycles, when one of the emergency cooling systems is inoperable, the level control valve and the motor-operated isolation valve in the operable system shall be demonstrated to be operable immediately and daily thereafter.

