

June 28, 1984

Docket No. 50-220

Mr. B. G. Hooten  
Executive Director, Nuclear Operations  
Niagara Mohawk Power Corporation  
300 Erie Boulevard West  
Syracuse, New York 13202

Dear Mr. Hooten:

The Commission has issued the enclosed Amendment No. 63 to Facility Operating License No. DPR-63 for the Nine Mile Point Nuclear Station, Unit No. 1. The amendment changes the Technical Specifications in response to your request dated May 3, 1983.

The revision to the Technical Specifications adds Limiting Conditions for Operation and surveillance requirements for Radioactive Material Sources.

A copy of the Safety Evaluation is also enclosed.

Sincerely,

**Original signed by:**

Robert A. Hermann, Project Manager  
Operating Reactors Branch #2  
Division of Licensing

Enclosures:

1. Amendment No. 63 to License No. DPR-63
2. Safety Evaluation

cc w/enclosures:  
See next page

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*use of subject to New Point 51 language*

Mr. B. G. Hooten  
Niagara Mohawk Power Corporation  
Nine Mile Point Nuclear Station, Unit No. 1

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

NIAGARA MOHAWK POWER CORPORATION

DOCKET NO. 50-220

NINE MILE POINT NUCLEAR STATION, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 63  
License No. DPR-63

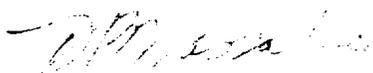
1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Niagara Mohawk Power Corporation (the licensee) dated May 3, 1983, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter 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;
  - 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. DPR-63 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 63, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

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

FOR THE NUCLEAR REGULATORY COMMISSION



Domenic B. Vassallo, Chief  
Operating Reactors Branch #2  
Division of Licensing

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: June 28, 1984

ATTACHMENT TO LICENSE AMENDMENT NO. 63

FACILITY OPERATING LICENSE NO. DPR-63

DOCKET NO. 50-220

Revise the Appendix A Technical Specifications by removing and inserting the following pages:

<u>Existing</u> <u>Page</u>	<u>Revised</u> <u>Page</u>
241 k	241 k
---	241 k1

The revised areas are indicated by marginal lines.

**3.6.5 Radioactive Material Sources****Applicability:**

Applies to the limit on source leakage for sealed or start-up sources.

**Objective:**

To specify the requirements necessary to limit contamination from radioactive source materials.

**Specification:**

1. The leakage test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie or more of removable contamination, it shall immediately be withdrawn from use, decontaminated and repaired or be disposed of in accordance with Commission regulations. Sealed sources are exempt from such leak tests when the source contains 100 microcuries or less of beta and/or gamma emitting material or 10 microcuries or less of alpha emitting material.
2. Results of required leak tests performed on sources, if the tests reveal the presence of 0.005 microcurie or more of removable contamination, shall be reported within 90 days.

**4.6.5 Radioactive Material Sources****Applicability:**

Applies to the periodic testing requirements for source leakage.

**Objective:**

To assure the capability of each source material container to limit leakage within allowable limits.

**Specification:**

Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically authorized by the Commission or an agreement State, as follows:

1. Each sealed source, except start-up sources subject to core flux, containing radioactive material, other than hydrogen 3, with a half-life greater than 30 days and in any form other than gas shall be tested for leakage and/or contamination at intervals not to exceed six months.

LIMITING CONDITION FOR OPERATION

SURVEILLANCE REQUIREMENTS

3.6.5 Radioactive Material Sources (Continued)

Specification: (Continued)

3. A complete inventory of radioactive by-product materials, exceeding the limits set forth in 10CFR 30.71, in sealed sources in possession shall be maintained current at all times.

4.6.5 Radioactive Material Sources (Continued)

Specification: (Continued)

2. The periodic leak test required does not apply to sealed sources that are stored and not being used. The sources excepted from this test shall be tested for leakage prior to any use or transfer to another user unless they have been leak tested within six months prior to the date of use or transfer. In the absence of a certificate from a transferor indicating that a test has been made within six months prior to the transfer, sealed sources shall not be put into use until tested.
3. Start-up sources shall be leak tested within 31 days prior to being subjected to core flux and following any repair or maintenance.

241k1



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
SUPPORTING AMENDMENT NO. 63 TO FACILITY OPERATING LICENSE NO. DPR-63

NIAGARA MOHAWK POWER CORPORATION

NINE MILE POINT NUCLEAR STATION, UNIT NO. 1

DOCKET NO. 50-220

1.0 Introduction

By application dated May 3, 1983, Niagara Mohawk Power Corporation (the licensee) requested an amendment to Appendix A of Operating License No. DPR-63 for Nine Mile Point Nuclear Power Station, Unit No. 1. The amendment request involves clarification of inventory requirements for radioactive materials in sealed sources.

2.0 Evaluation

The licensee's proposal incorporates clarification of the inventory requirements for radioactive materials in sealed sources. The proposal deletes from inventory requirements those sealed sources which are rendered exempt quantity by the provisions of 10 CFR 30.18 and 10 CFR 30.71, Schedule B. The NRC staff has verified that this change is consistent with the requirements of 10 CFR 30.18 and 10 CFR 30.71, Schedule B, NUREG-0800 (Standard Review Plan) Chapter 16, and NUREG-0123, Rev. 3, (Standard Technical Specifications). On this basis, we find the proposed change acceptable.

3.0 Environmental Considerations

This amendment relates to a clarification of the inventory requirements for radioactive materials in sealed sources and involves a change in the installation or use of a facility component located within the restricted area. The staff has determined that the amendment involves no significant increase in the amounts of any effluents that may be released offsite and that there is no significant increase in individual or cumulative occupation radiation exposure. The Commission has previously issued a proposed finding that this amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). 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.

#### 4.0 Conclusion

We have 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, and (2) 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.

Principal Reviewer: Rosemary Hogan, Division of Engineering and Technical Programs, Region I

Dated: June 28, 1984