

DEC 1 1990

Docket No. 50-410

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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 TO DELETE PART OF A LICENSE CONDITION FROM THE FACILITY OPERATING LICENSE FOR NINE MILE POINT UNIT 2 (TAC NO. 76500)

The Commission has issued the enclosed Amendment No. 24 to Facility Operating License No. NPF-69 for the Nine Mile Point Nuclear Station Unit No. 2 (NMP-2). The amendment consists of changes to the License in response to your application transmitted by letter dated April 3, 1990, as supplemented June 29, 1990.

This amendment revises the operating license for Nine Mile Point Unit 2, to delete License Condition 2.C(9) part (a) which addresses the Detailed Control Room Design Review and the associated Human Engineering Discrepancies. The staff is not acting on the application to delete License Condition 2.C(9) parts (b) and (c) at this time. Parts (b) and (c) may be deleted at a later time following a certification by the licensee that the subject actions have been completed.

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

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

Enclosures:

1. Amendment No. 24 to NPF-69
2. Safety Evaluation

cc: w/enclosures
See next page

*See previous concurrence

PDI-1:LA
CVogan *CV*
12/4/90

~~PDI-1:RE~~
DOudinot:rsc
12/4/90

PDI-1:PM *DB*
DBrinkman
12/6/90

OGC
RBachmann*
11/8/90

DB
PDI-1:D
RACapra
12/18/90

DFol
111

DOCUMENT NAME: NMP2 AMDT 76500
9012310024 901218
PDR ADOCK 05000410
P PDR



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

December 18, 1990

Docket No. 50-410

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

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Sincerely,

A handwritten signature in cursive script that reads "Donald S. Brinkman".

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. 24 to NPF-69
2. Safety Evaluation

cc: w/enclosures
See next page

Mr. B. Ralph Sylvia
Niagara Mohawk Power Corporation

Nine Mile Point Nuclear Station
Unit 2

cc:

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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. 24
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 3, 1990, as supplemented June 29, 1990, 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 the deletion of paragraph 2.C(9) Part (a) from Facility Operating License No. NPF-69.

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PDR ADDCK 05000410
P PDR

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

FOR THE NUCLEAR REGULATORY COMMISSION



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

Date of Issuance: December 18, 1990



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

ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 24 TO FACILITY OPERATING LICENSE NO. NPF-69

DOCKET NO. 50-410

Revise Appendix A as follows:

Remove Page

Page 5 of License No. NPF-69

Insert Page

Page 5 of License No. NPF-69

(6) Initial Startup Test Program (Section 14, SER, SSERs 4 and 5)

Any changes to the Initial Test Program described in Section 14 of the Final Safety Analysis Report made in accordance with the provisions of 10 CFR 50.59 shall be reported in accordance with 50.59(b) within one month of such change.

(7) Operation with Reduced Feedwater Temperature (Section 15.1, SSER 4)

Niagara Mohawk Power Corporation shall not operate the facility with reduced feedwater temperature for the purpose of extending the normal fuel cycle. The facility shall not be operated with a feedwater heating capacity less than that required to produce a feedwater temperature of 400°F at rated steady-state conditions unless analyses supporting such operations are submitted by Niagara Mohawk Power Corporation and approved by the staff.

(8) Safety Parameter Display System (SPDS) (Section 18.2, SSERs 3 and 5)

Prior to startup following the first refueling outage, Niagara Mohawk Power Corporation shall have operational an SPDS that includes the revisions described in their letter of November 19, 1985. Before declaring the SPDS operational, the licensee shall complete testing adequate to ensure that no safety concerns exist regarding the operation of the Nine Mile Point Nuclear Station, Unit No. 2 SPDS.

(9) Detailed Control Room Design Review (Section 18.1, SSERs 5 and 6)

(b) Prior to startup following the first refueling outage, Niagara Mohawk Power Corporation shall provide the results of the reevaluation of normally lit and nuisance alarms for NRC review in accordance with its August 21, 1986 letter.

(c) Prior to startup following the first refueling outage, Niagara Mohawk Power Corporation shall complete permanent zone banding of meters in accordance with its August 4, 1986 letter.

D. The facility requires exemptions from certain requirements of 10 CFR Part 50 and 10 CFR Part 70.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 24 TO FACILITY OPERATING LICENSE NO. NPF-69
NIAGARA MOHAWK POWER CORPORATION
NINE MILE POINT NUCLEAR POWER STATION, UNIT NO. 2
DOCKET NO. 50-410

1.0 INTRODUCTION

In a letter dated April 3, 1990, Niagara Mohawk Power Corporation (the licensee) requested an amendment to the Nine Mile Point Unit 2 (NMP2) Operating License NPF-69. The proposed amendment requested the deletion of License Condition 2.C(9) which addresses the Detailed Control Room Design Review (DCRDR) at NMP2 and the associated Human Engineering Discrepancies (HEDs). As a result of the staff's review of the April 3, 1990, letter, additional information was requested on May 15, 1990, by the NRC staff concerning the remaining HEDs to be corrected per License Condition 2.C(9). The licensee submitted a letter to the NRC dated June 29, 1990, providing the additional information requested.

2.0 EVALUATION

License Condition 2.C(9) reads as follows:

(9) Detailed Control Room Design Review (Section 18.1, SSERs 5 and 6)

- (a) Niagara Mohawk Power Corporation shall implement the activities remaining to complete the Detailed Control Room Design Review and correct all human engineering discrepancies (HEDs) in accordance with the schedule and commitments in letters from C.V. Mangan (NMPC) to E.G. Adensam (NRC) dated April 14 and June 9, 1986.
- (b) Prior to startup following the first refueling outage, Niagara Mohawk Power Corporation shall provide the results of the re-evaluation of normally lit and nuisance alarms for NRC review in accordance with its August 21, 1986, letter.
- (c) Prior to startup following the first refueling outage, Niagara Mohawk Power Corporation shall complete permanent zone banding of meters in accordance with its August 4, 1986, letter.

As a result of several telephone conversations between the licensee and the staff, the staff concludes that parts (b) and (c) of License Condition 2.C(9) need not be deleted at this time, since it is the licensee's intention to

complete parts (b) and (c) consistent with the original proposed resolutions and on the original schedule in accordance with the August 21, 1986, and August 4, 1986, letters. Therefore, parts (b) and (c) are not being deleted at this time. Parts (b) and (c) may be deleted at a later time following a certification by the licensee that the subject actions have been implemented. The deletion of part (a) is addressed below.

License Condition 2.C(9) part (a) references two letters which identify specific HEDs. Included in the letters are descriptions of the HEDs, explanations of the corrections and schedules for implementation. Any change to the attributes of an HED referenced in these letters would require an amendment to the license condition.

The licensee has indicated that they are committed to resolve all the HEDs in License Condition 2.C(9) part (a) in accordance with the DCRDR requirements of NUREG-0737, Supplement 1. The purpose of requesting the deletion of License Condition 2.C(9) part (a) is to remove the necessity for the processing of multiple revisions to the license condition as a result of changes to the method of correction of the HEDs.

Several phone calls between the NRC staff and the licensee have been made to discuss changes to the originally planned corrections of HEDs. As a result of these calls, all changes to date have been evaluated by the staff and have been determined to be acceptable and will be reflected in a Supplemental Summary Report to be submitted by the licensee.

The licensee will submit a docketed DCRDR Supplemental Summary Report 6 months following the restart of NMP2 from the 1990 refueling outage for staff review. This report will contain copies of each of the revised HED sheets. Further revisions to HEDs, if they occur, will also be submitted to the NRC in subsequent Supplemental Summary Reports. The docketed Supplemental Summary Report will provide sufficient opportunity for staff review and, therefore, a revision to the License Condition 2.C(9) part (a) for each of these changes is unnecessary.

3.0 SUMMARY

The staff concludes that part (a) of License Condition 2.C(9) may be deleted since a mechanism, as discussed above, is currently in place for the NRC staff to monitor and review changes to HEDs. Parts (b) and (c) of License Condition 2.C(9) may be deleted at a later time following a certification by the licensee that the subject actions have been completed.

4.0 ENVIRONMENTAL CONSIDERATION

This amendment involves a change in a requirement with respect to the installation or use of the facility components located within the restricted areas as defined in 10 CFR Part 20. The staff has determined that this amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite and that there is no significant increase in individual or cumulative occupational 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 Sec 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.

5.0 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.

Dated: December 18, 1990

PRINCIPAL CONTRIBUTOR:

C. Goodman