

December 16 1997

LICENSEE: Niagara Mohawk Power Corporation
FACILITY: Nine Mile Point Nuclear Station, Unit No. 2
SUBJECT: SUMMARY OF TELEPHONE CONVERSATION OF DECEMBER 11, 1997, REQUESTING ADDITIONAL INFORMATION ON PROPOSED INSTALLATION OF NUCLEAR MEASUREMENT ANALYSIS AND CONTROL POWER RANGE NEUTRON MONITOR SYSTEM (TAC NO. MA0150)

On December 11, 1997, I called Ms. L. Otman of Niagara Mohawk Power Corporation (NMPC) and stated that the NRC staff needed additional information to complete the review of the application for amendment, dated October 31, 1997, for Nine Mile Point, Unit 2. Under the proposed amendment, NMPC would install the General Electric Nuclear Measurement Analysis and Control power range neutron monitor system, consistent with NMPC's response to Generic Letter 94-02, "Long-Term Solutions and Upgrade of Interim Operating Recommendations for Thermal-Hydraulic Instabilities in Boiling Water Reactors."

Accordingly, I faxed the enclosure to Ms. Otman, who subsequently acknowledged receiving it.

Sincerely,

Original Signed by:

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

Docket No. 50-410

Enclosures: Request for Additional Information

cc w/encls: See next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

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A handwritten signature in cursive script that reads "Darl S. Hood".

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

Docket No. 50-410

Enclosure: Request for Additional
Information

cc w/encl: See next page



B. Ralph Sylvia
Niagara Mohawk Power Corporation

cc:

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Unit No. 2

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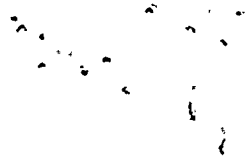
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B. Ralph Sylvia
Niagara Mohawk Power Corporation

Nine Mile Point Nuclear Station
Unit No. 2

cc:

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New York State Electric & Gas
Corporation
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Binghamton, NY 13902-5224



REQUEST FOR ADDITIONAL INFORMATION

The following questions address the General Electric (GE) Nuclear Measurement Analysis and Control Power Range Neutron Monitor (NUMAC-PRNM) system upgrade in Nine Mile Point Unit 2:

References:

1. "Application for Amendment to Nine Mile Point Unit 2 (NMP2) Operating License NPF-69," Niagara Mohawk Power Corporation, October 31, 1997.
2. "Nuclear Measurement Analysis and Control Power Range Neutron Monitor (NUMAC-PRNM) Retrofit Plus Option III Stability Trip Function," NEDC-32410P-A, October 1995.

Request 1: Indicate the specific period for operating the OPRM before activating the OPRM function and implementing the OPRM technical specification changes. For example, NEDC-32410P-A (Ref 2) allows one fuel cycle for testing the OPRM functions before implementing amended OPRM technical specifications.

Request 2: Provide the following design basis environmental conditions for NMP2:

	NMP2 (Ref 1)	NUMAC-PRNMS (Ref 2)
Temperature	24°C to 32°C (reported) (75°F nominal to 90°F) Design Basis: ?	5°C to 50°C (41°F to 122°F)
Humidity	20% to 50% RH (reported) Design Basis: ?	10% to 90% RH (noncondensing)
Pressure	14.7 psia (acceptable)	13psia to 16 psia
Radiation	<0.2mRem/hr dose rate (reported) 70 Rem TID (reported) Design Basis: ?	1E-4 Gy(Carbon)/hr dose rate 1E+2 Gy (Carbon) TID

Note: The radiation limits should be expressed in rads/hr or Grays/hr dose rate, and total integrated dose in rads or Grays, instead of units of rem/hr and rem TID.

Enclosure



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