

November 9, 1994

Mr. B. Ralph Sylvia  
Executive Vice President, Nuclear  
Niagara Mohawk Power Corporation  
Nine Mile Point Nuclear Station  
P.O. Box 63  
Lycoming, NY 13093

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SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING PROPOSED LICENSE AMENDMENT TO ALLOW USE OF RANGE 10 ON INTERMEDIATE RANGE MONITORS (IRMs) FOR NINE MILE POINT NUCLEAR STATION UNIT NO. 1 (NMP-1) (TAC NO. M89981)

Dear Mr. Sylvia:

By letter dated July 21, 1994, Niagara Mohawk Power Corporation (NMPC), proposed a license amendment to revise NMP-1 Technical Specifications (TSs) 2.1.2, 3.1.7, and 3.6.2/4.6.2 and associated Bases to allow the use of Range 10 on the IRMs with the reactor protection system low pressure trip for main steam line isolation valve closure not in bypass.

The NRC staff has begun its review of NMPC's July 21, 1994, submittal. However, we have determined that additional information, as identified in the enclosure, is required to complete our review of the submittal. As indicated in the enclosed request for additional information (RAI), our questions address proposed setpoint methodology, instrumentation drift, and channel overlap. NMPC is requested to respond to this RAI within 30 days of receipt of this letter in order for us to complete our review in a timely manner.

This requirement affects one respondent and, therefore, is not subject to Office of Management and Budget review under P.L. 96-511.

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

Docket No. 50-220

Enclosure: Request for Additional Information

cc w/encl: See next page

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

November 9, 1994

Mr. B. Ralph Sylvia  
Executive Vice President, Nuclear  
Niagara Mohawk Power Corporation  
Nine Mile Point Nuclear Station  
P.O. Box 63  
Lycoming, NY 13093

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING PROPOSED LICENSE  
AMENDMENT TO ALLOW USE OF RANGE 10 ON INTERMEDIATE RANGE MONITORS  
(IRMs) FOR NINE MILE POINT NUCLEAR STATION UNIT NO. 1 (NMP-1)  
(TAC NO. M89981)

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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

Docket No. 50-220

Enclosure: Request for Additional Information

cc w/encl: See next page



B. Ralph Sylvia  
Niagara Mohawk Power Corporation

Nine Mile Point Nuclear Station  
Unit No. 1

cc:

Mark J. Wetterhahn, Esquire  
Winston & Strawn  
1400 L Street, NW  
Washington, DC 20005-3502

Supervisor  
Town of Scriba  
Route 8, Box 382  
Oswego, NY 13126

Mr. Louis F. Storz  
Vice President - Nuclear Generation  
Niagara Mohawk Power Corporation  
Nine Mile Point Nuclear Station  
P.O. Box 63  
Lycoming, NY 13093

Resident Inspector  
U.S. Nuclear Regulatory Commission  
P.O. Box 126  
Lycoming, NY 13093

Gary D. Wilson, Esquire  
Niagara Mohawk Power Corporation  
300 Erie Boulevard West  
Syracuse, NY 13202

Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Ms. Donna Ross  
New York State Energy Office  
2 Empire State Plaza  
16th Floor  
Albany, NY 12223

Mr. Richard B. Abbott  
Unit 1 Plant Manager  
Nine Mile Point Nuclear Station  
P.O. Box 63  
Lycoming, NY 13093

Mr. David K. Greene  
Manager Licensing  
Niagara Mohawk Power Corporation  
Nine Mile Point Nuclear Station  
P.O. Box 63  
Lycoming, NY 13093

Charles Donaldson, Esquire  
Assistant Attorney General  
New York Department of Law  
120 Broadway  
New York, NY 10271

Mr. Paul D. Eddy  
State of New York  
Department of Public Service  
Power Division, System Operations  
3 Empire State Plaza  
Albany, NY 12223

Mr. Martin J. McCormick, Jr.  
Vice President  
Nuclear Safety Assessment  
and Support  
Niagara Mohawk Power Corporation  
Nine Mile Point Nuclear Station  
P.O. Box 63  
Lycoming, NY 13093



REQUEST FOR ADDITIONAL INFORMATION  
REGARDING PROPOSED LICENSE AMENDMENT TO ALLOW  
USE OF RANGE 10 ON INTERMEDIATE RANGE MONITORS (IRMs) AT  
NINE MILE POINT NUCLEAR STATION UNIT NO. 1

1. In the licensee submittal, reference is made to NEDC-31336, "GE Instrumentation Setpoint Methodology." Please state the relevant sections and provide a copy of this document.
2. Although NEDC-31336 is an important reference document, the topical report is not to be used by any plant to validate its individual setpoints. Each plant must provide its own plant unique analysis for the setpoints. Provide the analyses or calculations in support of the changed setpoints in the Technical Specifications amendment.
3. Provide the analysis and the graphical display of the instrument as-found drift data collected from the plant-specific installed source range monitors (SRMs) and IRMs in support of the extended surveillance intervals. Indicate the time span over which these as-found drift data were collected.
4. What is the existing observed overlap of your average power range monitors (APRM) and IRM? What will be the number of decades on IRM range 10?
5. Provide surveillance acceptance criteria on the overlap between APRM and IRM.
6. Clarify setpoints on page 227. What are the reasons for changing the expression in percentage of full scale to fraction of division of full scale?

Enclosure



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