



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

DESIGNATED ORIGINAL

April 8, 1991

Docket No. 50-410

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

Dear Mr. Sylvia:

SUBJECT: SAFETY EVALUATION FOR ASSOCIATED CIRCUITS UPGRADE AND FOR ISOLATION  
DEVICES FOR CLASS 1E/NON-1E INTERFACES AS REFERENCED IN LICENSE  
NO. NPF-69 CONDITION 2.D(VI), NINE MILE POINT UNIT 2 (TAC NO. 65543)

The Safety Evaluation Report (SER-NUREG-1047) for the licensing of the Nine Mile Point Nuclear Station Unit 2 identified a concern with respect to the separation of Class 1E equipment and circuits. This concern broadened into one that involved the (1) upgrading of associated circuits that perform safety functions, (2) adequacy of the isolation devices within the Neutron Monitoring System, and (3) acceptability of the associated circuits and isolation devices at other General Electric Nuclear Steam Supply System plants (BWRs). This issue received continued attention in Supplements 5 and 6 to the SER (SSER) in Section 7.2.2.10. An issue left unresolved in SSER-6 concerning the Class 1E/non-1E interface of the neutron monitoring system (NMS) was addressed by a condition to License No. NPF-69. This condition granted a scheduler exemption until completion of the first refueling outage to allow the Niagara Mohawk Power Corporation (NMPC) to provide qualified isolation devices for Class 1E/non-1E interfaces as described in the NMPC letters of June 23, 1987 (NMP2L-1057) and June 25, 1987 (NMP2L-1058).

The NRC staff performed an audit at the General Electric facilities on August 9-10, 1989, wherein it reviewed information regarding the two issues listed above that are specific to NMP-2. The third concern is one that will be resolved on a generic basis and is not part of the NMP-2 plant specific resolution and, therefore, not part of this safety evaluation. Therefore, the purpose of the enclosed safety evaluation is to report the staff's findings that support closure of the two issues specific to NMP-2, including the staff's conclusion that the requirements of License Condition 2.D(vi) have been met.

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As stated in the enclosed safety evaluation, the staff finds that the requirements of Licence Condition 2.D(vi) have been met. In the event that the NMPC should wish, as an administrative matter, to request the deletion of this condition, that should be done by an application for amendment to the license.

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

Enclosure:  
Safety Evaluation

cc w/enclosure:  
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Mr. B. Ralph Sylvia  
Niagara Mohawk Power Corporation

Nine Mile Point Nuclear Station  
Unit 2

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