



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

November 6, 1991

Docket No. 50-220

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

Dear Mr. Sylvia:

SUBJECT: STATION BLACKOUT RULE SUPPLEMENTAL SAFETY EVALUATION - NINE MILE  
POINT NUCLEAR STATION UNIT NO. 1 (TAC NO. 68570)

On July 21, 1988, the Code of Federal Regulations 10 CFR Part 50, was amended to include a new Section 50.63, entitled, "Loss of All Alternating Current Power," (Station Blackout). The station blackout (SBO) rule requires that each light-water-cooled nuclear power plant be able to withstand and recover from an SBO of specified duration. The SBO rule also requires that information defined in the rule be provided to the staff for review.

By letters dated April 13, 1989, April 3, 1990, April 16, 1990, and January 24, 1991, and by teleconference on October 9, 1990, between Mr. Nick Spagnoletti of your staff and the NRC staff, Niagara Mohawk Power Corporation (NMPC) responded to the SBO rule. The NRC staff's Safety Evaluation (SE) pertaining to NMPC's initial responses was transmitted to you by letter dated July 1, 1991.

The NRC staff found the proposed method of coping with an SBO to be acceptable, subject to the satisfactory resolution of several recommendations which were itemized in the staff's SE. NMPC responded to the staff's SE, and specifically to the recommendations, by letter dated August 1, 1991.

The NRC staff has reviewed NMPC's responses to the July 1, 1991, SE and has determined the responses acceptable as detailed in the enclosed Supplemental Safety Evaluation (SSE). NMPC should maintain all analyses and related information in the documentation supporting the SBO submittals for further inspection and assessment as may be undertaken by the NRC to audit conformance with the SBO rule.

9111140201 911106  
PDR ADDOCK 05000220  
P PDR

RF61  
11  
MAY  
NRC FILE CENTER COPY

1-2-1  
11

820070

Mr. B. Ralph Sylvia

- 2 -

November 6, 1991

Please notify the NRC in writing when NMPC has completed and implemented all analyses, evaluations, and procedural changes committed to by NMPC. This completes our review relative to TAC No. 68570.

This requirement affects fewer than nine respondents and, therefore, is not subject to Office of Management and Budget review under P.L. 96-511.

Sincerely,



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

Enclosure:  
Supplemental Safety Evaluation

cc w/enclosure:  
See next page



Mr. B. Ralph Sylvia  
Niagara Mohawk Power Corporation

Nine Mile Point Nuclear Station  
Unit No. 1

cc:

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

Mr. Kim Dahlberg  
Unit 1 Station Superintendent  
Nine Mile Point Nuclear Station  
Post Office Box 32  
Lycoming, New York 13093

Supervisor  
Town of Scriba  
Route 8, Box 382  
Oswego, New York 13126

Mr. David K. Greene  
Manager Licensing  
Niagara Mohawk Power Corporation  
301 Plainfield Road  
Syracuse, New York 13212

Mr. Joseph F. Firlit  
Vice President - Nuclear Generation  
Niagara Mohawk Power Corporation  
Nine Mile Point Nuclear Station  
Post Office Box 32  
Lycoming, New York 13093

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

Resident Inspector  
U.S. Nuclear Regulatory Commission  
Post Office Box 126  
Lycoming, New York 13093

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

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

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

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

