

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.

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Mr. B. Ralph Sylvia

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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,

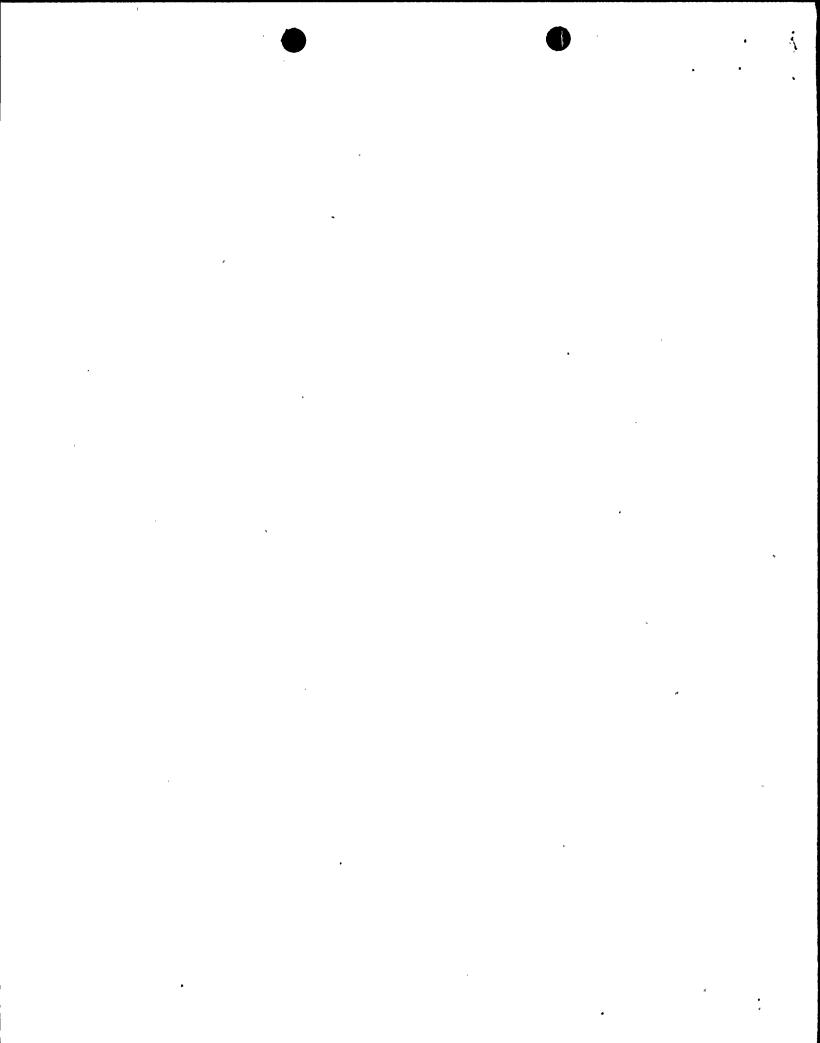
Donald S. Brinkman

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

Division of Reactor Projects - I/II Office of Nuclear Reactor Regulation

Enclosure:
Supplemental Safety Evaluation

cc w/enclosure: See next page の対点と



Mr. B. Ralph Sylvia Niagara Mohawk Power Corporation

cc:

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