



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

June 9, 1992

Docket No. 50-333

Mr. Ralph E. Beedle
Executive Vice President, Nuclear
Generation
Power Authority of the State of
New York
123 Main Street
White Plains, New York 10601

SUBJECT: SUPPLEMENTAL SAFETY EVALUATION OF THE JAMES A. FITZPATRICK NUCLEAR
POWER PLANT RESPONSE TO THE STATION BLACKOUT RULE (TAC NO. M68546)

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 a 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 17, 1989, and March 29, 1990, and by teleconference dated January 17, 1991, you provided responses to the station blackout rule. The NRC staff issued a Request for Additional Information (RAI) on January 23, 1991. The response to this RAI was submitted by your staff on September 13, 1991, but was not incorporated into the Technical Evaluation Report (TER) prepared by the NRC contractor, Science Applications International Corporation (SAIC), or the Safety Evaluation (SE) prepared by the NRC staff. Therefore, the information submitted by you in the September 13, 1991, letter was to be evaluated in a Supplemental Safety Evaluation.

The NRC staff's (the staff) Safety Evaluation (SE) pertaining to your response to the SBO rule was transmitted to you by letter dated November 13, 1991. In our November 13, 1991, letter we found your proposed method of coping with an SBO to be acceptable, contingent upon satisfactory resolution of the recommendations presented in the SE. You responded to the staff's SE by letters dated December 18, 1991, and April 1, 1992.

We have completed our review of the supplemental information provided in the above referenced letters. As discussed in the enclosed supplemental safety evaluation (SSE), the staff finds your response to the SBO rule to be acceptable.

Follow-up inspections by the staff and technical specifications for SBO equipment may be required, as detailed in our November 13, 1991, letter. All documentation support of the SBO submittals should be maintained in your files for possible future NRC audit. The staff considers the 2-year clock for

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Mr. Ralph E. Beedle

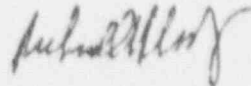
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implementation of the SBO rule in accordance with 10 CFR 50.63(c)(4) to begin upon your receipt of the enclosed SSE.

You are requested to notify the NRC when you have completed the modifications and program upgrades as detailed in your previous responses to the SBO rule. This completes our activities on TAC No. M68546.

Sincerely,



Richard A. Plasse, Acting Project Manager
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
Supplemental Safety Evaluation:

cc w/enclosure:
See next page

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