



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

May 26, 1992

Docket No. 50-354

Mr. Steven E. Miltenberger
Vice President and Chief Nuclear
Officer
Public Service Electric and Gas
Company
Post Office Box 236
Hancocks Bridge, New Jersey 08038

Dear Mr. Miltenberger:

SUBJECT: SUPPLEMENTAL SAFETY EVALUATION, RESPONSE TO THE STATION BLACKOUT
RULE, HOPE CREEK GENERATING STATION (TAC NO. M68555)

The NRC staff's (the staff) Safety Evaluation (SE) pertaining to your response to the Station Blackout (SBO) Rule, 10 CFR 50.63, was transmitted to you by letter dated October 25, 1991. In our October 25, 1991 letter we found your proposed method of coping with an SBO to be incomplete. You responded to the staff's SE by letters dated December 30, 1991 and March 31, 1992.

Additionally, you responded to the staff's SE for the Salem Nuclear Generating Station by letter dated March 19, 1992. That response is also applicable to the Hope Creek site with respect to the weather analysis that was included. The staff has considered the weather information provided in your March 19, 1992 letter in the enclosed supplemental safety evaluation (SSE) for Hope Creek.

We have completed our review of the supplemental information provided in the above referenced letters. As discussed in the enclosed SSE, the staff finds your response to the SBO rule to be acceptable. However, you should (1) document the basis for the initial temperature used in your heat-up analyses and establish administrative procedures for maintaining the initial temperatures as discussed in the enclosed SSE, and (2) verify that the main steam tunnel is habitable for the operator to perform the required manual operations during an SBO event. The documentation of the analyses and actions required to resolve these concerns should be included with the other documentation to be maintained by you in support of the SBO rule implementation. You are not required to provide further submittals regarding the above two concerns.

Follow-up inspections by the staff and technical specifications for SBO equipment may be required, as detailed in our October 25, 1991, letter. All documentation in support of the SBO submittals should be maintained in your files for possible future NRC audit. The staff considers the two-year clock for implementation of the SBO rule in accordance with 10 CFR 50.63(c)(4) to begin upon your receipt of the enclosed SSE.

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Mr. Steven E. Miltenberger

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May 26, 1992

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 complete our activities on TAC No. M68555.

Sincerely,

/s/

Stephen Dembek, Project Manager
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
Supplemental Safety Evaluation

cc w/enclosure:
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Mr. Steven E. Miltenberger

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May 26, 1992

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 complete our activities on TAC No. M68555.

Sincerely,



Stephen Dembek, 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

Mr. Steven E. Miltenberger
Public Service Electric & Gas
Company

Hope Creek Generating Station

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