



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

August 20, 1990

Docket No. 50-423

Mr. Edward J. Mrocza
Senior Vice President
Nuclear Engineering and Operations
Connecticut Yankee Atomic Power Company
Northeast Nuclear Energy Company
Post Office 270
Hartford, Connecticut 06141-0270

Dear Mr. Mrocza:

SUBJECT: MILLSTONE NUCLEAR POWER STATION UNIT 3 -
STATION BLACKOUT EVALUATION (TAC NO. 68568)

The NRC staff has reviewed your response to the station blackout (SBO) rule (10 CFR 50.63) for Millstone Unit 3. The staff and its consultant, Science Applications International Corporation (SAIC) also jointly conducted a site audit review of some of the supporting documentation for the SBO response. Based on our review, additional analyses and confirmations described in the recommendations provided in the enclosed Safety Evaluation need to be completed. These include the verification of the SBO loads and the Alternate AC diesel generator capacity, the loss of ventilation calculations for the identified areas containing equipment and systems needed to cope with an SBO for eight hours, and DC battery verifications. You should maintain these analyses in the documentation supporting the SBO submittal available for further inspection and assessment as may be undertaken by the NRC to audit conformance with the SBO Rule.

With regard to Technical Specifications (TS), the TS for the SBO equipment are currently being considered generically by the NRC in the context of the Technical Specification Improvement Program and remains an open item at this time. However, the staff expects plant procedures to reflect the appropriate testing and surveillance requirements to ensure the operability of the necessary SBO equipment. If the staff later determines that a TS regarding the SBO equipment is warranted, you will be notified of the implementation requirements.

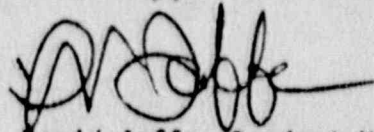
Based on our review of the submittal and site audit, we find the Millstone Unit 3 design and proposed method of dealing with an SBO to be in conformance with the SBO rule.

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Additionally, the schedule for implementation of required hardware and associated procedure modifications should be provided to the NRC within 30 days of receipt of the enclosed Safety Evaluation in accordance with 10 CFR 50.63(c)(4).

Sincerely,



David Jaffe, Project Manager
Project Directorate I-4
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
See next page

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Millstone Nuclear Power Station
Unit No. 3

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Sincerely,

/s/

David Jaffe, Project Manager
Project Directorate I-4
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
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