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TO: Boyce Grier
From: Bob McGuinness

NORTHEAST UTILITIES

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July 16, 1980

Docket No. 50-245
A01075

Mr. Boyce H. Grier, Director
Region I
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

References: (1) B. H. Grier letter to W. G. Counsil dated July 3, 1980, transmitting I&E Bulletin No. 80-17.
(2) B. H. Grier letter to W. G. Counsil dated July 9, 1980.
(3) W. G. Counsil letter to B. H. Grier dated July 8, 1980.
(4) W. G. Counsil letter to B. H. Grier dated July 14, 1980.

Gentlemen:

Millstone Nuclear Power Station, Unit No. 1
Response to I&E Bulletin No. 80-17

This letter provides Northeast Nuclear Energy Company's (NNECO) responses to I&E Bulletin No. 80-17, Items 2, 3, and 6c, as requested in Reference (1) and supplemented by Reference (2).

NNECO previously submitted responses to Items 1, 4a, 4b, 4c, 4d, 4e, 6a, 6b, 5, and 7 in Reference (3) and (4).

Item 2

The tests and inspections required by Items 2a through 2k were satisfactorily completed on July 12, 1980 with one exception: Item 2j. The ten-second scram reset delay did not function due to a wiring error that has since been corrected and tested satisfactorily. This function does not affect the ability to scram, but only precludes the possibility of an operator overriding a scram for ten seconds in order to ensure a full scram. This item was discussed with the NRC resident inspector on July 16, 1980 in accordance with the notification request of Reference (2).

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All testing for Items 2a through 2k was performed as described in the Bulletin with the following two modifications:

(1) Item 2a

All rod insert times could not be obtained; however, individual scram times were obtained for 29 rods. Insertion of the remaining rods was checked visually on the full-core control rod display and the process computer. Three rods remained at Position 02 following the manual scram test and two rods remained at Position 02 following the automatic scram test.

(2) Item 2h

The scram discharge volume scram times were not accurately measured due to SDV header pressure effects. The drain time of one header was measured by ultrasonic methods, however, and was found to be acceptable.

Item 3

The verification required in Bulltin Item 3 was satisfactorily completed at the conclusion of each scram test. The specific test results are available upon request.

Item 6c

An initial review has been performed to evaluate the impact of increasing Standby Liquid Control (SLC) capacity by simultaneous operation of the two pumps. NNECO does not believe such a change can presently be accomplished under 10CFR50.59 due to Technical Specification changes and potential unreviewed safety questions.

Technical Specification changes would be required, including possible revision to the SLC relief valve limits. Further detailed study would be required to determine whether unreviewed safety questions are involved with reducing the redundancy of the current design of backup pumps and potentially exceeding piping design limits and relief valve reset limits.

As requested in Reference (2), and to assist the NRC in evaluating the value/impact of this Bulletin, we have determined that the manpower expended in conduct of tests and in the review and preparation of the reports required by the Bulletin is 69 professional man-days thusfar for Millstone Unit No. 1. The manpower associated with corrective actions necessary following identification of problems through the Bulletin is an additional five man-days.

We trust this information satisfactorily dispositions the remaining Bulletin items not previously addressed in References (3) and (4).

If you have any questions, please contact us.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

WGC 1/18/80

W. G. Counsil
Senior Vice President