

NORTHEAST UTILITIES

THE CONNECTICUT LIGHT AND POWER COMPANY
WESTERN MASSACHUSETTS ELECTRIC COMPANY
HOLYOKE WATER POWER COMPANY
NORTHEAST UTILITIES SERVICE COMPANY
NORTHEAST NUCLEAR ENERGY COMPANY

General Offices • Selden Street, Berlin, Connecticut

P.O. BOX 270
HARTFORD, CONNECTICUT 06141-0270
(203) 666-6911

February 20, 1985

Docket No. 50-423

F0662A

Dr. Thomas E. Murley
Regional Administrator
Region I
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Reference: (1) W. G. Council letter to T. E. Murley, F0640A, dated
December 14, 1984.

Dear Dr. Murley:

Millstone Nuclear Power Station, Unit No. 3
Reporting of Potential Significant Deficiencies
in Design and Construction:
General Electric SAM Timing Relays (SD-65)

In a November 15, 1984 telephone conversation between your Mr. T. Rebelowski and our Mr. R. E. Lefebvre, Northeast Nuclear Energy Company (NNECO) reported a potential significant deficiency in the construction of Millstone Unit No. 3 as required by 10 CFR 50.55(e). The potential significant deficiency involves SAM timing relays supplied by General Electric (GE). GE notified us that there is a potential for SAM 11, 13, 15 and certain SAM 99 relays to operate in less time than the set time delay. Some of these relays are used in safety-related equipment.

We have completed our evaluation and determined that SAM 11 timing relays are used at Millstone Unit No. 3 and that some of these are used in safety-related applications. This is a significant deficiency for Millstone Unit No. 3.

To correct this problem, GE has provided a new printed circuit card design. Our architect-engineer, Stone & Webster Engineering Corporation, is proceeding with the replacement of all existing printed circuit cards for SAM 11 timing relays used at Millstone Unit No. 3 with this new card design.

8503150093 850220
PDR ADOCK 05000423
S PDR

1/0 1E27

We consider this to be our final report for SD-65. We trust that the above information satisfactorily responds to your concerns.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

W. G. Council

W. G. Council
Senior Vice President

C. F. Sears

By: C. F. Sears
Vice President

cc: Mr. J. M. Taylor, Director
Division of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Phillips Building
7920 Norfolk Avenue
Bethesda, MD 20814