

NORTHEAST UTILITIES



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

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September 24, 1982

Docket No. 50-245
B10543

Mr. Ronald C. Haynes
Region I
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 20406

- References: (1) W. G. Council letter to R. C. Haynes, dated September 29, 1981.
- (2) W. G. Council letter to B. H. Grier, dated November 4, 1980.
- (3) W. G. Council letter to D. M. Crutchfield, dated June 29, 1981.

Gentlemen:

Millstone Nuclear Power Station, Unit No. 1
Masonry Wall Modifications

Northeast Nuclear Energy Company (NNECO) documented the completion of modifications to concrete masonry walls at Millstone Unit No. 1, resulting from re-evaluations performed in response to I&E Bulletin No. 80-11, in Reference (1). The re-evaluations were conducted in accordance with the criteria delineated in Reference (2).

While reviewing the NRC contractor's technical evaluation report provided for SEP Topic III-2, Wind and Tornado Loadings, NNECO identified an area of ambiguity concerning the design criteria for masonry walls in a portion of the turbine building at Millstone Unit No. 1. Generally, the turbine building is defined as a Class II structure. However, Class I equipment is installed in certain areas within the building. The masonry walls located in these areas were not considered Class I and, as such, were not reviewed against all applicable tornado loading conditions as specified in the Plant's Final Safety Analysis Report for Class I walls. Specifically, tornado depressurization loadings were not considered for three areas of the turbine building in which Class I equipment is located.

NNECO has identified seven walls which will require additional modifications to withstand the potential effects of a design basis tornado depressurization. The design modifications are currently being prepared and will be complete by November, 1982. Construction will be completed by June, 1983.

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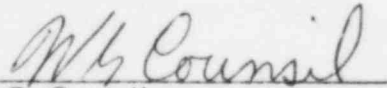
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Operation in the interim is justified based on the low probability for a design basis tornado at the Millstone site within the time frame for completing the modifications described above. In addition, NNECO demonstrated in Reference (3) the ability to safely shutdown and maintain the plant in a safe shutdown condition following multiple tornado missile events which were postulated to disable several pieces of safety related equipment in the turbine building. In essence, Millstone Unit No. 1 can be shutdown and maintained in a safe condition assuming all potentially effected equipment in the turbine building is disabled by a tornado. Therefore, continued operation until the modifications to the masonry walls identified above are complete is justified.

We remain available should the Staff require additional information regarding concrete masonry walls at Millstone Unit No. 1.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY



W. G. Council
W. G. Council
Senior Vice President