

NORTHEAST UTILITIES



THE CONNECTICUT LIGHT AND POWER COMPANY
THE HARTFORD ELECTRIC LIGHT COMPANY
WESTERN MASSACHUSETTS ELECTRIC COMPANY
NEW YORK WATER POWER COMPANY
NORTHEAST UTILITIES SERVICE COMPANY
NORTHEAST NUCLEAR ENERGY COMPANY

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November 15, 1979

Docket Nos. 50-213
50-245
50-336

Director of Nuclear Reactor Regulation
Attn: Mr. D. L. Ziemann, Chief
Operating Reactors Branch #2
Mr. R. Reid, Chief
Operating Reactors Branch #4
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

- References:
- (1) W. Gammill letter to All Power Reactor Licensees dated August 8, 1979.
 - (2) D. C. Switzer letter to A. Schwencer dated September 30, 1976.
 - (3) D. C. Switzer letter to A. Schwencer dated July 21, 1977.
 - (4) W. G. Council letter to D. L. Ziemann and R. Reid dated September 27, 1979.

Gentlemen:

Haddam Neck Plant
Millstone Nuclear Power Station, Unit Nos. 1 and 2
Adequacy of Station Electric Distribution System Voltages

In Reference (1), both Connecticut Yankee Atomic Power Company (CYAPCO) and Northeast Nuclear Energy Company (NNECO) were requested to review the adequacy of the offsite power supplies for the Haddam Neck Plant and Millstone Nuclear Power Station, respectively.

In Reference (4), CYAPCO and NNECO informed the NRC Staff that additional time would be required to formulate the responses requested by Reference (1) and that a response to Reference (1) would be submitted on or about November 15, 1979.

CYAPCO hereby submits Attachment 1 in response to the Reference (1) requests. NNECO hereby submits Attachments 2 and 3 for Millstone Unit Nos. 1 and 2, respectively, in response to the Reference (1) requests.

CYAPCO has determined that the offsite power system and onsite distribution system are of sufficient capacity and capability to automatically start as well as operate all required safety loads within the conditions specified in Reference (1).

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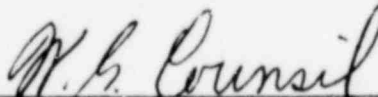
The onsite distribution system supplied from the offsite circuits has been tested. The results of these tests are presented in Table 1 of Attachment 1. CYAPCO has reviewed the electric power systems of the Haddam Neck Plant and has determined that violation of GDC-17 does not exist with regard to the simultaneous or consequential loss of both required circuits to the offsite network.

NNECO has determined that the offsite power system and onsite distribution system for both Millstone Unit No. 1 and Millstone Unit No. 2 are of sufficient capacity and capability to automatically start as well as operate all required safety loads within the conditions specified in Reference (1). The onsite distribution system supplied from the offsite circuits has been tested for both units. The results of the tests are presented in Table 1 of Attachment 2 for Millstone Unit No. 1, and in Table 1 of Attachment 3 for Millstone Unit No. 2. NNECO has reviewed the electric power systems of both Millstone Unit Nos. 1 and 2 and has determined that no violation of GDC-17 exists in the design of either unit with regard to the simultaneous or consequential loss of both required circuits for each unit to the offsite network.

CYAPCO and NNECO trust this information is responsive to the Reference (1) requests.

Very truly yours,

CONNECTICUT YANKEE ATOMIC POWER COMPANY
NORTHEAST NUCLEAR ENERGY COMPANY



W. G. Council
Vice President

Attachments

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