

**NORTHEAST UTILITIES**



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

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Docket Nos. 50-213

50-245

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Mr. Boyce H. Grier, Director  
Region 1  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406

Reference: (1) B. H. Grier letter to W. G. Council dated May 8, 1980,  
forwarding I&E Bulletin No. 80-11.

Gentlemen:

Haddam Neck Plant  
Millstone Nuclear Power Station, Unit Nos. 1 and 2  
I&E Bulletin No. 80-11  
Masonry Wall Design

In Reference (1), the NRC Staff requested that Connecticut Yankee Atomic Power Company (CYAPCO) and Northeast Nuclear Energy Company (NNECO) provide information concerning the design of masonry walls at the Haddam Neck Plant and Millstone Unit Nos. 1 and 2.

As requested by Reference (1), CYAPCO and NNECO hereby provide the following information.

In response to Item 1 of Reference (1), CYAPCO and NNECO hereby provide Attachment 1, log sheets describing the masonry walls at the Haddam Neck Plant, Millstone Unit No. 1, and Millstone Unit No. 2. Included on the log sheets are the safety-related systems and equipment identified to date located on or in proximity to the walls. The log sheets list all the masonry walls at each plant which have been identified to date. These log sheets represent a significant expenditure of manpower and time.

During the more detailed data collection phase required by Item 2.b of Reference (1), CYAPCO and NNECO will identify all masonry walls whose postulated failure could affect safety-related systems.

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In response to Item 2.a of Reference (1), CYAPCO and NNECO have prioritized, for reevaluation, the masonry block walls identified to date. The priority for reevaluation for each masonry wall is included in Attachment 1 with one (1) being the greatest priority. Preliminary schedules for masonry wall reevaluations are included as Attachment 2. The indicated priorities were primarily determined based upon safety-related systems, crucial to safe plant operation, in proximity to masonry walls.

Further prioritization considered multiple systems being affected by masonry walls, visual determination of structural capability (wall height, etc.), and equipment loadings on the walls.

In response to Item 3 of Reference (1), CYAPCO and NNECO anticipate at this time that for the majority of the masonry walls at the Haddam Neck Plant and at Millstone Unit Nos. 1 and 2, the acceptance criteria utilized for the reevaluation required by Item 2 will be extracted from existing codes and test data and appropriately applied to plant-specific conditions. Since the function, construction, configuration, and load applications of masonry walls at the Haddam Neck Plant and at Millstone Unit Nos. 1 and 2 vary, the acceptance criteria for these walls will also vary accordingly.

CYAPCO and NNECO will perform masonry wall test programs only to determine plant-specific structural properties for which no test data is available, should such conditions exist.

CYAPCO and NNECO intend to provide the Staff with appropriate justification for the criteria which will be utilized during the masonry wall reevaluation program on or about November 8, 1980.

We trust you find this information satisfactory to disposition the Reference (1) concerns.

Very truly yours,

CONNECTICUT YANKEE ATOMIC POWER COMPANY  
NORTHEAST NUCLEAR ENERGY COMPANY



W. G. Council  
Senior Vice President

Attachments