

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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July 3, 1980

Docket Nos. 50-245
50-336
A01006

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

Reference: (1) B. H. Grier letter to W. G. Council dated May 6, 1980
transmitting I&E Bulletin No. 80-10.

Gentlemen:

Millstone Nuclear Power Station, Unit Nos. 1 and 2
I&E Bulletin No. 80-10

In Reference (1), the NRC Staff related concerns for the potential contamination of non-radioactive systems through interfaces with radioactive systems and the resulting potential for unmonitored and uncontrolled releases of radioactivity to the environment.

In response to the Reference (1) request, Northeast Nuclear Energy Company (NNECO) provides the following information for Millstone Unit Nos. 1 and 2.

Item 1 Request

Review your facility design and operation to identify systems that are considered as non-radioactive (or described as non-radioactive in the FSAR) but could possibly become radioactive through interfaces with radioactive systems, i.e., a non-radioactive system that could become contaminated due to leakage, valving errors, or other operating conditions in radioactive systems. In particular, special consideration should be given to the following systems: auxiliary boiler system, demineralized water system, isolation condenser system, PWR secondary water clean-up system, instrument air system, and the sanitary waste system.

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Response

NNECO has reviewed the design and operation of both Millstone Unit Nos. 1 and 2 and has identified those systems considered non-radioactive, but could possibly become radioactive through interfaces with radioactive systems. These systems are listed in Tables 1 and 2 for Millstone Unit Nos. 1 and 2, respectively.

Item 2 Request

Establish a routine sampling/analysis or monitoring program for these systems in order to promptly identify any contaminating events which could lead to unmonitored, uncontrolled liquid or gaseous releases to the environment, including releases to on-site leaching fields or retention ponds.

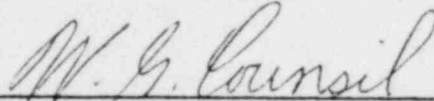
Response

NNECO has reviewed those systems at Millstone Unit Nos. 1 and 2 that are considered non-radioactive, but could possibly become radioactive through system interfaces with radioactive systems. NNECO has determined that adequate sampling/analysis or monitoring programs exist to promptly identify any contaminating events which could lead to unmonitored, uncontrolled liquid or gaseous releases to the environment for each of the systems identified in Item 1 for both Millstone Unit Nos. 1 and 2.

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

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY



W. G. Council
Senior Vice President

Attachment

TABLE 1

MILLSTONE NUCLEAR POWER STATION, UNIT NO. 1
I&E BULLETIN NO. 80-10
NON-RADIOACTIVE SYSTEMS

- (1) House Heating Boiler and Steam System
- (2) Auxiliary Evaporator
- (3) Demineralized Water System
- (4) Fire Water System
- (5) Domestic Water System
- (6) Station Air System
- (7) Service Water System
- (8) Reactor Building Closed Cooling Water System
- (9) Circulating Water System
- (10) Emergency Service Water System
- (11) Isolation Condenser Shell
- (12) Yard Drains

TABLE 2

MILLSTONE NUCLEAR POWER STATION, UNIT NO. 2
I&E BULLETIN NO. 80-10
NON-RADIOACTIVE SYSTEMS

- (1) Main Steam System
- (2) Condensate and Feed System
- (3) Turbine Building Sumps
- (4) Circulating Water System
- (5) Auxiliary Steam/Condensate System
- (6) Reactor Building Closed Cooling Water System
- (7) Primary Water Makeup Tank
- (8) Instrument/Station Air System