

Docket No. 50-245

Mr. W. G. Council, Vice President
Nuclear Engineering and Operations
Northeast Nuclear Energy Company
Post Office Box 270
Hartford, Connecticut 06101

Dear Mr. Council:

SUBJECT: CONTAINMENT LEAKAGE RATE TESTING - APPENDIX J REVIEW
(MILLSTONE UNIT 1)

We are continuing our review of your July 29, 1977 and September 20,
1978 submittals and request that you submit the information described in
the enclosure to this letter within 30 days.

Sincerely,

Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
Division of Licensing

Enclosure:
As stated

cc w/enclosure:
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

February 2, 1981

Docket No. 50-245
LS05-81-02-001

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Northeast Nuclear Energy Company
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Sincerely,

A handwritten signature in cursive script, reading "Dennis M. Crutchfield", is written over the typed name.

Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
Division of Licensing

Enclosure:
As stated

cc w/enclosure:
See next page

Mr. W. G. Council

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February 2, 1981

cc w/enclosure:

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Hartford, Connecticut 06101

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c/o U. S. NRC
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JFK Federal Building
Boston, Massachusetts 02203

REQUEST FOR ADDITIONAL INFORMATION

CONTAINMENT LEAKAGE RATE TESTING

NORTHEAST NUCLEAR ENERGY COMPANY
MILLSTONE UNIT 1

NRC DOCKET NO. 50-245

NRC TAC NO. 10137

1. BACKGROUND

In letters dated July 29, 1977 and September 20, 1978, Northeast Nuclear Energy Company (NECO) provided certain information in support of previously requested exemptions from the requirements of 10CFR50, Appendix J, Containment Leakage Testing.

2. INFORMATION REQUIRED

2.1 AIRLOCK TESTING

Item (2)a of NECO's July 29, 1977 letter regarding a request for exemption from the airlock-testing requirements of Appendix J stated that airlock door seals would be tested at 10 psig within 72 hours of the first of a series of openings between 6-month tests.

Provide the method you propose to use to correlate the leakage rate of 10 psig to the leakage rate of 43 psig when performing these tests.

2.2 REVERSE DIRECTION TESTING

NECO's letter of September 20, 1978 states that valves LP-44A and B cannot be modified to meet the requirements for reverse direction testing; however, immediately adjacent valves LP-43A and B can be tested in the correct direction if test connections are added to each line. With respect to this proposal, i.e., to designate valves LP-43A and B as containment isolation valves in lieu of valves LP-44A and B, provide a comparison of valves LP-43A and B to valves LP-44A and B with regard to safety classification, seismic and environmental qualification, and automatic actuation features. Additionally, any differences in design classification of the piping between the 43 valves and 44 valves should be identified and discussed.