

January 21, 1983

Docket No. 50-245  
LS05-83-01-031

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

Dear Mr. Council:

SUBJECT: CONTAINMENT LEAK RATE CONTINUOUS MONITORING AT  
MILLSTONE UNIT 1

We are continuing our review of the captioned matter and have found that the information described in the enclosure to this letter is needed before we can complete our review. Your response to this request for additional information is required within 90 days of your receipt of this letter.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

Original signed by/

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

SE01

DSU USE(27)

Enclosure:  
As stated

cc w/enclosure:  
See next page

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Mr. W. G. Council

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January 21, 1983

cc

William H. Cuddy, Esquire  
Day, Berry & Howard  
Counselors at Law  
One Constitution Plaza  
Hartford, Connecticut 06103

State of Connecticut  
Office of Policy & Management  
ATTN: Under Secretary Energy  
Division  
80 Washington Street  
Hartford, Connecticut 06115

Ronald C. Haynes, Regional  
Administrator  
Nuclear Regulatory Commission  
Region I Office  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Northeast Nuclear Energy Company  
ATTN: Superintendent  
Millstone Plant  
P. O. Box 128  
Waterford, Connecticut 06385

Mr. Richard T. Laudenat  
Manager, Generation Facilities Licensing  
Northeast Utilities Service Company  
P. O. Box 270  
Hartford, Connecticut 06101

Resident Inspector  
c/o U. S. NRC  
P. O. Box Drawer KK  
Niantic, Connecticut 06357

First Selectman of the Town  
of Waterford  
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John F. Opeka  
Systems Superintendent  
Northeast Utilities Service Company  
P. O. Box 270  
Hartford, Connecticut 06101

U. S. Environmental Protection Agency  
Region I Office  
ATTN: Regional Radiation Representative  
JFK Federal Building  
Boston, Massachusetts 02203

REQUEST FOR ADDITIONAL INFORMATION  
MILLSTONE NUCLEAR POWER STATION, UNIT NO. 1

SUBJECT: Primary Containment Continuous Leak Rate Monitoring

- References:
- (1) D. C. Switzer letter to D. L. Ziemann, dated March 20, 1978.
  - (2) W. G. Council letter to D. L. Ziemann, dated October 31, 1979.
  - (3) W. G. Council letter to D. L. Ziemann, dated April 16, 1980.

In Reference (1), Northeast Nuclear Energy Company (NNECo) proposed changes to the Millstone Unit No. 1 Technical Specifications, deleting the Surveillance Requirement for Primary Containment continuous leak rate monitoring via the inerting system makeup. Reference (3) provided additional information to support the NRC Staff Review. A preliminary review by the NRC staff identified a need for the following specific, additional information to complete our review.

1. Provide applicable system drawings (piping diagrams) for the Nitrogen Supply, Containment Purge and Ventilation, and Standby Gas Treatment Systems. Also provide a description of the existing flow measuring devices in these systems, including their range, accuracy, and repeatability specifications.
2. Provide a copy of the current, approved surveillance procedure, along with a summary of the results obtained and problems encountered with its implementation.
3. Reference (3) stated that a containment leakage of 0.25 cfm must be measurable to recognize gross leakage equivalent to 1.2 weight percent per day at 43 psig. Provide a description of the calculation method and engineering basis for the minimum value of 0.25 cfm stated.
4. Provide any additional information considered relevant to this review; particularly, if the status of any information contained in reference (3) has changed since its submittal on April 16, 1980.

Enclosure