

DCS MS-010

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Docket No. 50-336

Mr. W. G. Council, Vice President
 Nuclear Engineering & Operations
 Northeast Nuclear Energy Company
 P. O. Box 270
 Hartford, Connecticut 06101

Dear Mr. Council:

In our letter of November 29, 1978, we identified the generic concerns of purging and venting of containments to all operating reactor licensees and requested your response to these concerns. Our review of your response was interrupted by the TMI accident and its demands on staff resources. Consequently, as you know, an Interim Position on containment purging and venting was transmitted to you on October 30, 1979. You were requested to implement short-term corrective actions to remain in effect pending completion of your longer-term review of your response to our November 29, 1978 letter.

Over the past several months we and our contractors have been reviewing the responses to our November 1978 letter to close out our long-term review of this rather complex issue. The components of this review are as indicated in Standard Review Plan Section 6.4.2, Revision 1 and CSB Branch Technical Position 6-4, Revision 1. Both of these documents were supplied to you by our letter of November 29, 1978.

In addition, I am sure you have noted the similarity of this long-term generic issue with Item II.E.4.2 of NUREG-0737, TMI Action Plan. Our schedule for the purge and vent review agrees with the schedule for Item II.E.4.2 and we have combined these considerations for ease of understanding.

With the exceptions noted in Enclosure 1, we find that the multiplant issue B-24 (Venting and Purging Containment while at full power) and NUREG-0737 Item II.E.4.2 (Containment Isolation Dependability) have been resolved for Millstone Unit 2. Enclosures 2 through 5 provide the pertinent Safety Evaluations, with supporting consultant Technical Reports and background criteria, relative to purge/vent practices, override of containment purge signals, valve isolation, and valve leakage tests, respectively.

In recent discussions with your staff (Mr. Edward Kelenyi), a mutually agreed upon schedule for your submittal of this requested information has been determined. Therefore, our review schedule has been revised to expect your response within 45 days from the date of this letter.

OFFICE							
SURNAME	8302230019	830209					
DATE	PDR ADDOCK	05000336					
	P	PDR					

Mr. W. C. Council

- 2 -

The information requested affects fewer than 10 respondents; therefore OMB clearance is not required under P.L. 96-511.

Sincerely,

Original signed by
Robert A. Clark
Robert A. Clark, Chief
Operating Reactors Branch #3
Division of Licensing

Enclosures:
As stated

cc: See next page

*PH Leach
2/7/83*

*We recommend a review
& concurrence by AEB.*

*not necessary with substitution
of 12/30/82 SER from AER
per Reeves (see attachment 1
to Enclosure 4) to Leach*

OFFICE	OR3#3:DL	ORB#3:DL	ORB#3:DL	CSB	ORB#1:DL	ORB#3:DL
SURNAME	PMKreutzer	EConner/pn	DWagner	WButler	EReeves	RAClark
DATE	10/20/82	10/17/82	10/21/82	11/21/82	10/4/83	10/9/82

Northeast Nuclear Energy Company

cc:

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REQUEST FOR ADDITIONAL INFORMATION
CONTAINMENT PURGE/VENT REVIEW
OUTSTANDING ISSUES
MILLSTONE NUCLEAR POWER STATION, UNIT NO. 2
DOCKET NO. 50-336

1. Provide the following information for the 6-inch butterfly-type hydrogen purge valves.
 - a. Is purging/venting through these valves needed for safety related purposes? How long are these valves open per year?
 - b. Design information on the 6-inch valves with an evaluation of the reliability of valve closure upon demand.
 - c. Propose TS to insure operation of the 6-inch valves for safety related reasons only.
2. Propose TS changes to periodically test the integrity of the 6-inch and 42-inch seals. Appropriate TS would be:

"The leakage integrity tests of the 6-inch isolation valves in the hydrogen purge lines shall be conducted at least once every three months.

The leakage integrity tests of the 42-inch isolation valves in the containment purge lines shall be conducted at least once every six months."
3. Modify the isolation logic for the 6-inch hydrogen purge valves to receive an isolation signal from radiation monitor(s) that sense primary containment atmosphere.