

Docket No. 50-29

JAN 14 1974

Yankee Atomic Electric Company  
ATTN: L. H. Haider  
Manager of Operations  
20 Turnpike Road  
Westboro, Massachusetts 01581

DISTRIBUTION

Docket File  
AEC PDR  
RP Reading  
Branch Reading  
DJSkovholt, L:OR  
TJCarter, L:OR  
RJSchemel, L:ORB#1  
DElliott, L:ORB#1  
MSKaufman, OGC  
SVarga, L:RP  
ACRS (16)  
RO (3)  
ABurger, L:ORB#1  
SATEets, L:ORB#1

Gentlemen:

By letter dated December 12, 1973, you requested exemption from the specific testing requirements of Appendix J to 10 CFR Part 50 for two Type B penetrations. Specifically, you requested an exemption from Section III.D.2 which requires leak testing of reactor containment air locks after each use and an exemption from the Type B testing requirements for the vapor container equipment hatch. You propose that the continuous leak monitoring system now in operation is capable of determining when containment integrity has been violated and is, therefore, an effective substitute to the above specific requirements.

We have reviewed your description of the continuous leak monitoring system and your evaluation of the system sensitivities. We concur in your proposal that your procedure incorporating the continuous leak monitoring system is an acceptable alternative to testing of the personnel air lock after each use and local testing of the equipment hatch. Your leak test program should incorporate all applicable provisions of Appendix J of 10 CFR Part 50, including periodic tests intended to measure the containment overall integrated leakage rate and the personnel air lock local leakage rate.

Therefore, we find that your leak test program, including the continuous leak monitoring system and all applicable provisions of Appendix J of 10 CFR Part 50 effectively accomplishes the intent of Appendix J of 10 CFR Part 50 and that there is reasonable assurance that the health and safety of the public will not be endangered by use of this program.

Sincerely,

Original signed by  
Donald J. Skovholt

Donald J. Skovholt  
Assistant Director for  
Operating Reactors

Directorate of Licensing					
OFFICE →	L:ORB#1	L:ORB#1	L:ORB#1	L:ORB#1	L:ORB#1
SURNAME →	DElliott:dc	SATEets	RJSchemel	RMacCarthy	DJSkovholt
DATE →	1/9/74	1/9/74	1/10/74	1/11/74	1/14/74

8011200 228