

YANKEE ATOMIC ELECTRIC COMPANY



50 - 29

20 HIRNPIKE ROAD, WESTBORO, MASSACHUSETTS 01581
TELEPHONE 617 366-9011

September 8, 1972

Mr. Donald Skovholt
Assistant Director for Operating Reactors
Directorate of Licensing
United States Atomic Energy Commission
Washington, D. C. 20545



Dear Mr. Skovholt:

Yankee Atomic Electric Company has reviewed your letter dated August 8, 1972 regarding a postulated failure of a circulating water line which would result in degradation of engineered safety features due to flooding conditions. Results of this review indicate that the failure of plant cooling water systems in particular the circulating water system would not produce sufficient flooding to affect the operation or performance of engineered safety systems, nor would such an occurrence result in common mode failure of redundant safety related equipment.

The plant circulating water system does not have flow reversing valves and the expansion joints are located at ground level. Any line rupture would result in flooding of the large areas under the floor plates; however, water on the general floor area would be removed through the three large overhead doors. All motors are elevated and would not be affected by the water. The emergency boiler feed pump is separated from the turbine hall by a closed fire door.

We trust that this information is satisfactory; however, should you desire additional information please contact us.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY

Louis H Heider
Louis H. Heider
Manager of Operations

LHH/amw



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AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 5030

		DATE OF DOC:		DATE REC'D		FILE	
FROM:				LTR	MEMO	RPT	OTHER
Yankee Atomic Electric Company Westboro, Mass. 01581 Louis H. Heider		9-8-72	9-12-72	X			
TO:		ORIG	CC	OTHER	SENT AEC PDR <u>X</u>		
Mr. Skovholt		1			SENT LOCAL PDR _____		
CLASS:		INPUT	NO CYS REC'D		DOCKET NO:		
U PROP INFO			1		50-29		

DESCRIPTION:
Ltr re our 8-8-72 ltr.....furnishing info regarding the failure of the plant cooling water system.....

ENCLOSURES:

DO NOT REMOVE
ACKNOWLEDGED

PLANT NAMES:

FOR ACTION/INFORMATION					9-12-72	AB
BUTLER(L)	KNIEL(L)	VASSALLO(L)	ZIEMANN(L)	KNIGHTON(ENVIRO)		
W/ Copies	W/ Copies	W/ Copies	W/ Copies	W/ Copies		
CLARK(L)	SCHWENCER(L)	H. DENTON	CHUTWOOD(PM)	YOUNGBLOOD(ENVIRO)		
W/ Copies	W/ Copies	W/ Copies	W/ Copies	W/ Copies		
GOLLER(L)	STOLZ(L)	SCHEMEL(L)	DICKER(ENVIRO)			
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✓ NUMIZING/STAFF	✓ MACCARY	GAMMILL	SMILEY	G. WILLIAMS (E)
✓ CASE	✓ LANGE	KASTNER	NUSSBAUMER	A/T IND
✓ GIAMBUSO	✓ PAWLICKI	BALLARD		BRATMAN
✓ BOYD-L(BWR)	✓ SHAO	FINE	LIC ASST.	SALTZMAN
✓ DEYOUNG-L(PWR)	✓ KNUTH		SERVICE (L)	
✓ SKOVHOLT-L	✓ STELLO	ENVIRO	MASON (L)	PLANS
P. COLLINS	✓ MOORE	MULLER	WILSON (L)	MCDONALD
REG OPR	✓ THOMPSON	DICKER	KARI (L)	DUBE
FILE & REGION (2)	✓ TEDESCO	KNIGHTON	SMITH (L)	INFO
✓ MORRIS	✓ LONG	YOUNGBLOOD	GEARIN (L)	C. MILES
✓ STEELE	✓ LAINAS	PROJECT LEADER	DIGGS (L)	
	✓ BENAROYA		TEETS (L)	

EXTERNAL DISTRIBUTION

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| 1-ASLB-YORE/SAYRE | 1-R. CATLIN, A-170-GT | 1-BOLAND, IDAHO FALLS, |
| WOODWARD/H. ST. | 1-CONSULANT'S | IDAHO(50-331 Only) |
| 16-CYS ACRS HOLDING | NEWMARK/BLUME/AGABIAN | 1-RD..MULLER.. F-309GT |

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