

Registry

File Cy.

YANKEE ATOMIC ELECTRIC COMPANY



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

October 12, 1972

United States Atomic Energy Commission
Washington, D. C. 20545

Attention: Directorate of Licensing

Reference: License No. DPR-3 (Docket No. 50-29)

Dear Sirs:

Pursuant to Section 50-59 of 10 CFR Part 50, Yankee Atomic Electric Company hereby requests authorization to make the following change:

PROPOSED CHANGE: Reference is made to Section 107 of the license application, Core Instrumentation and particularly to the instrumentation location diagram on Page 107:3. We propose the following:

"To operate the reactor for the remainder of Core X with the north side instrumentation port sealed off which will result in a reduction of available flux wire paths from 19 to 8".

Reason for Change: Leakage has developed in one or more flux tubes below the seal plug area. As a result, boron deposition has rendered all paths in this instrument port inoperable. The remaining thimbles, which pass through the east port, make it possible to insert flux wires to core positions G-5, H-2, H-5, H-8, J-3, J-4, J-5, and K-5, thus providing effective monitoring of essentially a one-eighth section of the core. A letter dated September 18, 1972 to the AEC sets forth Yankee's plan to replace the incore package and reactor head seal arrangement.

Description of Change: (Refer to Page 107:4B of the FHSR). A primary seal will be effected by cutting off the top of the north port backup plug and TIG welding stainless steel plugs into the exposed tube ends. A secondary seal will consist of a 3" schedule 160 hemispherical pipe cap welded to the existing seal cap. All fabrication, installation and testing of this repair will be conducted in accordance with approved written procedures.



8011030 836

P

5683

POOR ORIGINAL

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 5683

FILE

FROM: Yankee Atomic Electric Company Westboro, Mass. 01581 L. E. Minnick	DATE OF DOC: 10-12-72	DATE REC'D 10-18-72	LTR X	MEMO	RPT	OTHER
TO:	ORIG	CC	OTHER	SENT AEC PDR X SENT LOCAL PDR		
DPL	3 signed					
CLASS: U PROP INFO	INPUT	NO CYS REC'D	DOCKET NO:			
	X	40	50-29			

DESCRIPTION:
Ltr submitting proposed change No. 103 to
Tech Specs, notatized 10-12-72.

ENCLOSURES:

DO NOT REMOVE
ACKNOWLEDGED

PLANT NAMES:

FOR ACTION/INFORMATION 10-18-72 AB

BUTLER(L) W/ Copies	KNIEL(L) W/ Copies	VASSALLO(L) W/ Copies	ZIEMANN(L) W/ Copies	KNIGHTON(ENVIRO) W/ Copies
CLARK(L) W/ Copies	SCHWENGER(L) W/ Copies	H. DENTON W/ Copies	CHITWOOD(FM) W/ Copies	YOUNGBLOOD(ENVIRO) W/ Copies
COLLIER W/ Copies	STOLZ(L) W/ Copies	SCHEMEL(L) W/ 9 Copies	DICKER(ENVIRO) W/ Copies	W/ Copies

INTERNAL DISTRIBUTION

✓ PEG FILE	TECH REVIEW	VOLLMER	HARLESS	WADE	E
✓ ADD PDR	ELNDRIE	DENTON		SHAFFER	F & M
✓ CCC, ROOM P-506A	SCHROEDER	GRIMES	F & M	BROWN	E
✓ WORKING/STAFF	MACCARY	GAMMILL	SMILEY	G. WILLIAMS	E
CASE	LANGE	KASTNER	NUSSBAUMER	E. GOULBOURNE	L
CEAMBUSSO	PAWLICKI	BALLARD		A/T IND	
BOYD-L(BWR)	SHAO	FINE	LIC ASST.	BRATTMAN	
DEYOUNG-L(PWR)	KNUTH	ENVIRO	SERVICE L	SALTZMAN	
✓ SNOVEDOL-L	STELLO	FULLER	MASON L		
P. COLLINS	MOORE	DICKER	WILSON L	PLANS	
	HOUSTON	KNIGHTON	MAIGRET L	MCDONALD	
✓ PEG CBR	TEDESCO	YOUNGBLOOD	SMITH L	DUBE	
✓ TIME & REGION (2)	LONG	PROJECT LEADER	GEARIN L		
MORRIS	LAINAS		DIGGS L	INFO	
STELLE	BENAROYA		TEETS L	C. MILES	
	✓ M. JINKS		LEE L		

EXTERNAL DISTRIBUTION

1-LOCAL PDR	(1)(5)(9)-NATIONAL LAB'S	1-PDR-SAN/LA/NY
✓ 1-DTIE(ABERNATHY)	1-R. CARROLL-OC, GT-B227	1-GERALD LELLOUCHE
✓ 1-NSIC(BUCHANAN)	1-R. CATLIN, A-170-GT	BROOKHAVEN NAT. LAB
1-ASIS-YORE/SAYRE	1-CONSULANT'S	1-AGMED(WALTER KOESTER,
WOODWARD/H. ST.	NEWMARK/BLUME/AGABIAN	Rm C-427, GT)
✓ 16-CYS ACRS XXXXXXXX SENT TO LIC ASST	S. TEETS FOR DIST ON 10-18-72	1-RD...MULLER...F-309GT