

UPDATE REPORT    LICENSEE EVENT REPORT- PREVIOUS REPORT ISSUED 11/19/81

**CONTROL BLOCK:**

						(1)
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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

[illegible]

CON'T

0	1	REPORT SOURCE										DOCKET NUMBER										EVENT DATE										REPORT DATE									
7	8	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80																			

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

On October 20, 1981 a Failure and Malfunction Report was issued which indicated that positioning of the APRM bypass and IRM switches affects the Control Rod Withdrawal Block Instrumentation. The potential exists to reduce the number of operable APRM & IRM instrument channels in an APRM & IRM Rod Block trip system to below the minimum stipulated in Technical Specification (T.S.) Table 3.2.C. This situation is not indicative of an actual safety problem because the safety analyses do not take credit for APRM or IRM initiated rod blocks.

0 9		SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE							COMP. SUBCODE		VALVE SUBCODE					
7	8	R	B	11	X	12	Z	13	Z	Z	Z	Z	Z	Z	14	Z	15		16			
17		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.												
LER/RO REPORT NUMBER		8	1		0	6	0		X													
21		22		23		24		25		26												
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED												
H	18	G	19	Z	20	Z	21	0	0	0	0	Y	23	N	24	Z	25	Z	9	9	9	9
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Incomptability of PNPS's existing Technical Specification for the Control Rod With-

1 1 drawal Block Instrumentation with an intended bypass function of the APRM's & IRM's.

1 2 A proposed Technical Specification change and/or a logic change is being evaluated.

1 3 This update incorporates the IRM bypass switches which were left out of the original

1 4 LER.

FACILITY STATUS		% POWER			OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION			
1	5	H	0	0	0	NA	D	NSS Representative				
ACTIVITY		CONTENT			AMOUNT OF ACTIVITY		LOCATION OF RELEASE					
1	6	Z	Z	NA			NA					
PERSONNEL EXPOSURES		NUMBER		TYPE		DESCRIPTION						
1	7	0	0	0	Z	NA						
PERSONNEL INJURIES		NUMBER		DESCRIPTION								
1	8	0	0	0	NA							
LOSS OF OR DAMAGE TO FACILITY		TYPE		DESCRIPTION								
1	9	Z	NA									
PUBLICITY		ISSUED		DESCRIPTION								
2	0	N	8205120230		820414		NRC USE ONLY					
		PDR		ADOCK		05000293						
		S		PDR								

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BOSTON EDISON COMPANY  
PILGRIM NUCLEAR POWER STATION  
DOCKET NO. 50-293

Attachment to LER UPDATE 81-060/03X-1

Description

As a result of an investigation conducted in response to a question raised by the On-Site NSS representative, a Failure and Malfunction Report was issued on October 20, 1981 which indicated that the position of the APRM & IRM bypass switches affects the Control Rod Withdrawal Block Instrumentation. The review indicated that the bypass switch has the potential to reduce the number of operable APRM & IRM instrument channels in an APRM & IRM rod block trip system to less than the minimum number of channels specified in the Technical Specifications Table 3.2.C.

The situation is not indicative of an actual safety problem because the safety analyses do not take credit for APRM or IRM - initiated rod blocks.

Cause and Corrective Action

This condition exists because the Technical Specification requires that a minimum of two (2) APRM channels and three(3) IRM channels per trip system be operable, whereas, the trip bypass switches physically allow less than that number of instrument channels to exist.

To ensure Technical Specifications adherence until this problem is resolved, "Caution Tags" have been placed on the APRM & IRM Bypass Switches.

To resolve this problem in the long term, a proposed Technical Specification change and/or logic change is being considered.