

**LICENSEE EVENT REPORT**

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	M	A	P	P	S	1	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5		
7	8	LICENSEE CODE						14	15	LICENSE NUMBER										25	26	LICENSE TYPE					30	57	CAT		58

CON'T

0 1 REPORT SOURCE L 6 0 5 0 - 0 2 9 3 7 0 8 0 5 8 3 8 0 8 3 1 8 3 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | On 8/5/83, with control rod 10-31 in the fully withdrawn position, it was de-

0 3 | clared inoperable and electrically disarmed per T.S. 3.3.A.2.b. Repeated

0 4 | directional control problems, experienced with the rod, necessitated this

0 5 | decision. The scram function of the control rod has not been affected by the

0 6 | actions taken. This event created no threat to the public health and safety.

0 7 |

0 8 |

SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE						COMP. SUBCODE		VALVE SUBCODE			
0	9	R	B	E	B	C	O	N	R	O	D	Z	Z	Z			
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
LEF/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.							
17		8	3		046	/	03	L		0							
23	22	21	22	23	24	25	26	27	28	29	30						
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	
X	C	Z	Z			0	0	0	0	N	N	N	N	G	0	2	0
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | Piston seal deterioration is the most probable cause of this event. A satis-

1 1 | factory in-sequence critical shutdown margin demonstration was performed prior

1 2 | to implementation of Temporary Modification 83-38 which was utilized to affect

1 3 | the electrical disarming of control rod 10-31. This control rod drive has been

1 4 | scheduled for replacement during the next refuel outage.

FACILITY STATUS		% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION								
1	5	E	28	1	0	0	29	NA	30	A	31	Operational Event	32

ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)

1 6 Z (33) Z (34) NA NA

PERSONNEL EXPOSURES  
NUMBER TYPE DESCRIPTION (39)

1	7	0	0	0	0	(37)	2	(38)	NA
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8309130376 830831  
PDR ADOCK 05000293  
S PDR

PERSONNEL INJURIES		DESCRIPTION	(41)
NUMBER			
18	000	(40) NA	

7 8 9 11 12  
LOSS OF OR DAMAGE TO FACILITY  
TYPE DESCRIPTION (43)  
1 9 Z (42) NA IE22

7 8 9 10

PUBLICITY  
ISSUED DESCRIPTION (45)

2 0 N (44) NA

NRC USE ONLY

NAME OF PREPARER G. G. Whitney

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WILLIAM D. HARRINGTON  
SENIOR VICE PRESIDENT  
NUCLEAR

August 31, 1983

BECO Ltr. #83- 232

Regional Administrator, Region 1  
U. S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406

Docket Number 50-293  
License DPR-35

Dear Sir:

The attached Licensee Event Report 83-046/03L-0 "Control Rod 10-31 Disarmed", is hereby submitted in accordance with the requirements of Pilgrim Nuclear Power Station Technical Specification 6.9.B.2.b.

If there are any questions on this subject, please contact us.

Respectfully submitted,

*W D Harrington*

William D. Harrington

:em

Enclosure: LER 83-046/03L-0

cc: Document Control Desk  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

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