

**LICENSEE EVENT REPORT**

CONTROL BLOCK: 

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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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

CON'T

0 1  
7 8

REPORT SOURCE X 6 0 5 0 0 0 2 8 0 7 0 3 2 0 8 0 8 9  
60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 Westinghouse has informed us that an incident of stress corrosion cracking in the control  
0 3 rod support pins and flexures in a foreign plant has been noted, and although there is no  
0 4 safety issue in domestic operating plants the event is reportable under Title 10 CFR part  
0 5 21. Should a broken pin develop from this condition, the control rod operation could be  
0 6 adversely affected. This event is reportable in accordance with T.S. 6.6.2.A.5. Since  
0 7 these parts did not fail and both units were at cold shut down, the health and safety of  
0 8 the public were not affected.

09		SYSTEM CODE R B		11	CAUSE CODE E		12	CAUSE SUBCODE B		13	COMPONENT CODE C R D R V E					18	COMP. SUBCODE Z		15	VALVE SUBCODE Z		16				
7	8	9	10		11		12		13						18		19			20						
17		LER/RO REPORT NUMBER		EVENT YEAR 8 0		21	22	SEQUENTIAL REPORT NO. 0 1 4		24	26	OCCURRENCE CODE 0 1		28	29	REPORT TYPE T		30	REVISION NO. 0		32					
ACTION TAKEN Z		18	FUTURE ACTION X		19	EFFECT ON PLANT Z		20	SHUTDOWN METHOD Z		21	HOURS 0 0 0 0		22	ATTACHMENT SUBMITTED Y		23	NPRD-4 FORM SUB. N		24	PRIME COMP. SUPPLIER N		25	COMPONENT MANUFACTURER W 1 2 0		26
33	34		35		36				37					40		41		42		43		44			47	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The cracked pins identified were all from one heat treatment lot of material used in

1 1 foreign reactors. A Westinghouse testing and an assessment program is in progress to

1 2 examine this situation more fully and the licensee is prepared take appropriate action

1 3 based upon the results of this review.

1 4

FACILITY STATUS		% POWER			OTHER STATUS (30)		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION (32)		
1	5	G	28	0	0	0	29	NA	D	31	Notification from Westinghouse
8	9	10	11	12	13	14	15	16	17	18	19

ACTIVITY CONTENT  
RELEASED OF RELEASE

1 6 Z 33 Z 34

8 9 10 11

AMOUNT OF ACTIVITY (35)  
NA

LOCATION OF RELEASE (36)  
NA

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	(37) Z (38) NA				

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	8	0	0	0	NA

		LOSS OF OR DAMAGE TO FACILITY		
TYPE		DESCRIPTION		(43)
1	9	Z	(42)	NA

8	9	10											80		
PUBLICITY															
ISSUED		DESCRIPTION		8004080 486										NRC USE ONLY	
2	0	N	(44)	NA											
8	9	10											80		

NAME OF PREPARER J.L. Wilson

PHONE: 804-357-3184

**NRC USE ONLY**

8004080 486

44-1987

ATTACHMENT, PAGE 1 of 1  
SURREY POWER STATION, UNIT 1  
DOCKET NO: 50-280; 50-281  
REPORT NO: 80-014/01T-0  
EVENT DATE: 3-20-80  
TITLE OF EVENT: CONTROL ROD MECHANISM POSSIBLE DEFECT

1. DESCRIPTION OF EVENT:

Westinghouse has provided information on the stress corrosion cracking of control rod support pins and flexures in an operating PWR plant in a foreign country. Although Westinghouse stated there is no safety issue in domestic operating plants, they reported the event to the NRC under Title 10 CFR part 21. In so much as the control rod operations could be adversely effected should a broken pin be experienced, the event is reported in accordance with T.S.6.6.2.A.5.

2. PROBABLE CONSEQUENCES AND STATUS OF REDUNDANT SYSTEM:

Westinghouse has stated that no known cracking of support pins or flexures has been discovered in domestic plants and that on going testing efforts will provide information giving further assurance that this situation will not be a concern for any Westinghouse plant. Under these circumstances the health and safety of the public were not affected.

3. CAUSE:

The failure of Westinghouse supplied support pins noted to date has been limited to pins with solution heat treatment at 1625°F. It should be noted that the present process for solution heat treatment ( in the range of 1950°F to 2000°F) gives little indication of potential stress corrosion cracking.

4. IMMEDIATE CORRECTIVE ACTION:

Westinghouse has proposed a support pin inspection program and has recommended no licensee action be taken by Non UHI plants until the results have been concluded.

5. SCHEDULED CORRECTIVE ACTION:

Based upon the conclusion of the Westinghouse testing and assessment program, the licensee will take appropriate measures to assure the reliability of this system.

6. ACTION TAKEN TO PREVENT RECURRENCE:

None

7. GENERIC IMPLICATIONS:

At this time this event is not considered generic. Past inspections by Westinghouse have revealed no material failures in the pins or flexures of domestic plants, however, they are pursuing a further inspection program to determine more fully the reliability of the parts used.