

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

0	1
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REPORT SOURCE

L	6	0	5	0	0	0	3	2	8	7	1	1	2	2	8	2	8	0	2	2	4	8	3	9
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DICKET NUMBER

EVENT DATE

REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

Unit 2 in mode 5 with RCS temperature and pressure at 135 degrees F and 375 psig.

03 | While running surveillance instruction SI-196.2, four out of four upper head injection

04 | (UHI) switches were found to be out of tolerance and one out of four valves failed to

05 | close. This condition was discovered in mode 5 but could have existed in applicable

06 modes per LCO 3.5.1.2. There was no effect upon public health and safety. Previous

0	7
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 | occurrences - one (SORO-50-327/82135).

0	8																						
7	8	9																					
SYSTEM CODE			CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE										
S	F	11	E	12	E	13	I	N	S	T	R	U	14	S	15	Z	16						
9	10	11	12	13	14	15	16	17	18	19	20												
LER/RO REPORT NUMBER			EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.												
8	2	21	22	1	3	7	24	26	0	3	28	29	X	30	1	32							
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER							
E	18	E	19	Z	20	Z	21	0	0	0	0	0	40	Y	23	N	24	N	25	I	2	0	4
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50						

1 0 One level switch had a broken micro switch and the other three were out of tolerance.

11 | The probable cause was instrument drift of the Barton Model 288A level switches. They

1 2 were repaired, calibrated, and returned to service. The hydraulic system of valve

1 3 2-FCV-87-21 was repaired and returned to service. The level switches will be checked

1 4 | for calibration on or before 02/01/83. If they are out of tolerance, they will be
rechecked every 30 days; if not, every 90 days. This will continue for 1 year or until
a solution is found.

1 5 G 28 0 0 0 29 NA 30
 7 8 9 10 11 12 13 14
 ACTIVITY CONTENT
 1 6 Z 33 Z 34 NA 35
 7 8 9 10 11 12 13 14
 RELEASED OF RELEASE AMOUNT OF ACTIVITY
 1 7 0 0 0 37 Z 38 NA 39
 7 8 9 10 11 12 13 14
 PERSONNEL EXPOSURES
 1 8 0 0 0 40 NA 41
 7 8 9 10 11 12 13 14
 PERSONNEL INJURIES
 1 9 Z 42 NA 43
 7 8 9 10 11 12 13 14
 LOSS OF OR DAMAGE TO FACILITY
 2 0 N 44 NA 45
 7 8 9 10 11 12 13 14
 PUBLICITY
 ISSUED DESCRIPTION
 8303040472 830224
 PDR ADOCK 05000328
 S PDR
 NRC USE ONLY

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UPDATE REPORT - PREVIOUS REPORT DATE 12/21/82
LER SUPPLEMENTAL INFORMATION

SQRO-50-328/82137, Revision 1

Technical Specification Involved: 3.5.1.2

Reported Under Technical Specification: 6.9.1.13.b

Date of Occurrence: 11/22/82

Time of Occurrence: 0100 CST

Identification and Description of Occurrence:

When performing surveillance instruction SI-196.2, four out of four upper head injection (UHI) level switches were found to be out of tolerance and one out of the four valves failed to close. This caused entry into LCO 3.5.1.2.

Conditions Prior to Occurrence:

Unit 2 in mode 5 with RCS temperature and pressure at 135 degrees F and 375 psig.

Apparent Cause of Occurrence:

One level switch had a broken micro switch and the other three were out of tolerance because of instrument drift. 2-FCV-87-21 valve failed to close in the automatic mode because of a hydraulic valve (pilot valve) failure in the hydraulic system.

Analysis of Occurrence:

Level switch LS-87-21 had a broken micro switch. Specific cause for this is undeterminable. The Barton 288A level switches LS-87-22, -23, and -24 had drifted out of tolerance. The cause of the setpoint drift is unknown. All applicable procedures were followed during this surveillance instruction. The pilot valve failure in the hydraulic system was a Greer Hydraulics/Kepner Model #1337. The valve operator was sticking and the probable cause was normal wear.

Corrective Action:

The broken level switch was repaired and the other level switches were adjusted to within tolerance levels. The pilot valve was replaced and the system was tested satisfactorily before entry into mode 4. All the level switches will be rechecked for calibration on or before 02/01/83. If they are out of tolerance, they will be rechecked every 30 days and if they are within specifications, they will be checked every 90 days. This will continue for 1 year or until a solution is found.

Failure Data:

None.