

LICENSEE EVENT REPORT

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

0 1 N J O C P I 2 0 0 - 0 0 0 0 b b 0 3 4 1 1 1 1 4 5

LICENSEE CODE LICENSE NUMBER LICENSE TYPE

COŃ'T

REPORT SOURCE: 01 L 6 0 5 0 0 2 1 9 7 0 5 1 7 7 9 8 0 6 1 5 7 9 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

On May 17, 1979, during the routine visual inspection of hydraulic shock and sway arrestors (snubbers) installed on safety related systems, snubber 51/21, Core Spray System II, had signs of grease on the alemite fitting on the accumulator. The snubber was replaced with an operable spare. When functionally tested, the removed snubber failed to lock up in the compression direction. The compression poppet seating surface and the poppet spring were found to be damaged.

SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE			
S F		E		B		S U P P O R T				D		Z			
7 8		9 10		11 12		13 14 15 16 17 18				19 20		21 22			
EVENT YEAR		SEQUENCE REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.							
7 9		0 1 8		0 3		L		0							
23 24		25 26		27 28		29 30		31 32							
ACTION TAKEN		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	
C X		Z		Z		0 0 0 0		Y		Y		N		B 2 0 9	
13 14		15 16		17 18		19 20		21 22		23 24		25 26		27 28	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The cause of the event is unknown but appears to be related to the

1 1 rigorous service conditions to which the snubber was subjected. The

1 2 snubber was replaced with an operable spare. Selected snubbers on Core

1 3 Spray System II will have a lock up test performed on them to verify

1 4 operability. Fittings on the snubbers will be capped and tagged.

[illegible]

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)
1 6 2 (33) 2 (34) NA NA

PERSONNEL EXPOSURES		TYPE		DESCRIPTION
1	7	0	0	(39) NA

7		8		9		10		11		12		13	
PERSONNEL INJURED													
NUMBER						DESCRIPTION							
1	2	3	4	5	6	7	8	9	10	11	12	13	
0	0	0	0	0	0	NA							
						2339 26							

7 6 9 11 12
 LOSS OF OR DAMAGE TO FACILITY (4)
 TYPE DESIGNATION
 1 9 2 4 NA

7906200 400

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OYSTER CREEK NUCLEAR GENERATING STATION
Forked River, New Jersey 08731

Licensee Event Report
Reportable Occurrence No. 50-219/79-18/3L-0

Report Date

June 15, 1979

Occurrence Date

May 17, 1979

Identification of Occurrence

Failure of a hydraulic snubber (shock and sway arrestor) to lock up in compression. This event is considered to be a reportable occurrence as defined in the Technical Specifications, paragraph 6.9.2.b.2.

Conditions Prior to Occurrence

The plant was in a cold shutdown condition.

Description of Occurrence

On May 17, 1979, during the routine visual inspection of hydraulic shock and sway arrestors (snubbers) installed on safety related systems, snubber 51/21, Core Spray System II, had signs of grease of the alemite fitting on the accumulator. The snubber was replaced with an operable spare and functionally tested, during which it failed to lock up in the compression direction. The snubber was subsequently disassembled and inspected. The compression poppet seating surface and the poppet spring were found to be damaged. This problem was the subject of IE Information Notice No. 79-01.

Apparent Cause of Occurrence

The cause of this event is unknown at this time and is considered to be an isolated case.

Analysis of Occurrence

Snubbers are intended to limit piping movement during transient and seismic events. The visual inspection frequency of these units is based upon their past history of failures. Additionally, a minimum of 10% are functionally tested each year. During the past 17 months, approximately 40 units have been

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functionally tested for lockup in both compression and tension, with no failures. Therefore, the safety consideration of this event is considered to be minimal.

Corrective Action

This snubber was replaced with an operable spare. Selected hydraulic snubbers on Core Spray System II will have a lockup test performed on them to verify operability.

The results of an analysis performed by Generation Engineering indicated that the piping for Core Spray System II experiences rigorous service conditions. As a result of this analysis, various changes to the operational procedures associated with the system have been made to minimize shock. Since it appears that the cause of the event could be related to the rigorous service conditions experienced, hydraulic snubber 51/21 will be inspected during the next refueling outage. Additionally, action will be taken to cap and tag the fittings on the snubbers (hydraulic), warning personnel not to use grease on them.

Failure Data

Bergen Patterson Hydraulic Shock and Sway Arrestors
Type HSSA-10-6

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