NRC FORM 366 (7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

CONTROL BLOCK: (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

Line	Field	Value
01	LICENSEE CODE (2)	N J O C P 1
	LICENSE NUMBER (3)	0 0 - 0 0 0 0 0 - 0 0
	LICENSE TYPE (4)	4 1 1 1 1
	CAT (5)	
CON'T 01	REPORT SOURCE (6)	L
	DOCKET NUMBER (7)	0 5 0 0 0 2 1 9
	EVENT DATE (8)	0 7 0 9 8 0
	REPORT DATE (9)	0 8 0 8 8 0

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 On July 9, 1980, during the routine functional testing inspection of
03 hydraulic snubbers installed in safety related systems, snubber 75/5
04 (serial number 487348) failed to lock up in the compression direction.
05 The snubber was replaced with an operable spare and subsequently dis-
06 assembled. The inspection of the valve block internals revealed some
07 foreign material around the poppet seating area which prevented it from
08 seating properly.

09	SYSTEM CODE (11)	CAUSE CODE (12)	CAUSE SUBCODE (13)	COMPONENT CODE (14)	COMP. SUBCODE (15)	VALVE SUBCODE (16)
	S F	X	Z	S U P O R T	D	Z

(17) LER/RO REPORT NUMBER

EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
8 0	—	0 2 6	/	0 3	L	—	0

ACTION TAKEN (18)	FUTURE ACTION (19)	EFFECT ON PLANT (20)	SHUTDOWN METHOD (21)	HOURS (22)	ATTACHMENT SUBMITTED (23)	NPRD-4 FORM SUB. (24)	PRIME COMP. SUPPLIER (25)	COMPONENT MANUFACTURER (26)
		Z	Z	0 0 0 0	Y	Y	N	B Z 0 9

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The cause of this occurrence is attributed to foreign material in the
11 snubber fluid. Although the foreign material was suspected to be pieces
12 of "O" ring, the actual source of the material was not determined. The
13 foreign material was removed and the snubber was flushed and refilled
14 with new fluid. The snubber was retested and performed satisfactorily.

15	FACILITY STATUS (28)	% POWER (29)	OTHER STATUS (30)	METHOD OF DISCOVERY (31)	DISCOVERY DESCRIPTION (32)
	Z	0 0 0	NA	B	Routine Test

16	ACTIVITY RELEASED (33)	CONTENT OF RELEASE (34)	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
	Z	Z	NA	NA

PERSONNEL EXPOSURES

17	NUMBER (37)	TYPE (38)	DESCRIPTION (39)
	0 0 0	Z	NA

PERSONNEL INJURIES

18	NUMBER (40)	DESCRIPTION (41)
	0 0 0	NA

LOSS OF OR DAMAGE TO FACILITY (43)

19	TYPE (42)	DESCRIPTION
	Z	NA

PUBLICITY

20	ISSUED (44)	DESCRIPTION (45)	NRC USE ONLY
	Y	Weekly News Release	

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OYSTER CREEK NUCLEAR GENERATING STATION
Forked River, New Jersey 08731

Licensee Event Report
Reportable Occurrence No. 50-219/80-26/3L

Report Date

August 8, 1980

Date of Occurrence

July 9, 1980

Identification of Occurrence

A hydraulic snubber (shock and sway arrestor) failed 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 reactor was shutdown for a refueling/maintenance outage.

The reactor was subcritical.
The reactor mode switch was locked in refuel.

Description of Occurrence

On July 9, 1980 during the routine functional testing inspection of hydraulic shock and sway arrestors (snubbers) installed on safety related systems, snubber 75/5 (serial number 487348) failed to lock up in the compression direction. The snubber was replaced with an operable spare and subsequently disassembled. Inspection of the valve block internals revealed some foreign material around the poppet seating area which prevented it from seating properly.

Apparent Cause of Occurrence

The cause of this occurrence is attributed to foreign material in the snubber fluid.

Analysis of Occurrence

Snubbers are intended to limit piping movement during transient and seismic events. The functional testing of a representative sample (10% minimum) of all hydraulic snubbers is a surveillance item performed each refueling cycle per technical specification requirements (paragraph 4.5.Q.4.).

Investigation of surrounding attachments on this piping system (Core Spray South) reveals that due to rigidity provided by adjacent supports and anchors and the low probability occurrence of a seismic event, the safety consideration of this incident is considered to be minimal.

Corrective Action

This snubber was replaced with an operable spare.

The foreign material in the fluid was suspected to be pieces of an "O" ring. However, the actual source of the material was not determined. The foreign material was removed from the snubber. The snubber was flushed and filled with new fluid. The snubber was retested and performed satisfactorily. Since this is the first encounter with a problem of this type, it is considered to be an isolated case.

Failure Data

Bergen Patterson Hydraulic Shock and Sway Arrestor
Type HSSA-10
6" Stroke
2.5" Bore
EP Seals