

LICENSEE EVENT REPORT

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	S	C	H	B	R	2	2	0	0	-	0	0	0	0	0	-	0	0	3					4			5
7	8	14						15	25										26	30				57	58			
		LICENSEE CODE							LICENSE NUMBER											LICENSE TYPE					CAT			

0	1
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0	1
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REPORT
SOURCE

X

DOCKET NUMBER

16

EVENT DATE

7 | 9

REPORT DATE

7	9
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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | On October 15, 1979, review of the computer reanalysis by the Plant Architect-Engineer

03 in accordance with the requirements of IE Bulletin 79-14, indicated that a pipe in the

04 | Containment Spray System could be subject to stresses above allowable values as a re-

05 | sult of a restraint deviation identified October 10, 1979. Based on results of the

26 review, assuming failure of the restraint, operability of the pipe could not be

assured under DBE conditions. This constitutes a reportable occurrence per Technical

 Specifications paragraph 6.9.2.a.2.

7	8	9	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMP. SUBCODE	VALVE SUBCODE
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7 8 9 10 11 12 13 14 15 16 17 18 19 20

(17) LER/RO EVENT YEAR
 REPORT NUMBER 7 9
 SEQUENTIAL REPORT NO. 0 3 7
 OCCURRENCE CODE 0 1
 REPORT TYPE T
 REVISION NO. 0

ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS				ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER			
F	(18)	Z	(19)	Z	(20)	Z	(21)	0	0	0	0	Y	(23)	N	(24)	A	(25)	E	0	6	5

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 | The restraint in question was calculated to be overstressed on October 10, 1979. The

1 1 | restraint was modified while a computer reanalysis was initiated to identify any

 question of inoperability of the piping system. Results indicated that the pipe in

question could have been stressed above allowable values had the restraint failed

under DBE conditions. The piping with the modified restraint was reanalyzed with satisfactory results.

7 8 9 METHOD OF

FACILITY STATUS		% POWER		OTHER STATUS		DISCOVERY		DISCOVERY DESCRIPTION				
1	5	E	28	0	9	6	29	NA	D	31	Notification From A/E	32

[illegible]

1		6		Z		33		Z		34		NA		NA	
7		8		9		10		11		12		13		14	
1		6		Z		33		Z		34		NA		NA	

PERSONNEL EXPOSURES		
NUMBER	TYPE	DESCRIPTION (39)
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
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9	9	9
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96	96	96
97	97	97
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99	99	99
100	100	100

7	8	9	10	11	12	13		8
1	7	0	0	0	(37)	(38)	NA	
PERSONNEL INJURIES								

PERSONNEL INSURANCE		NUMBER	DESCRIPTION	(41)
1	8	0 0 0	(40)	NA

7 8 9 11 12

LOSS OF OR DAMAGE TO FACILITY (43)

TYPE - DESCRIPTION

79110-10 322

1	9	Z	(42)	DESCRIPTION	NA	1011010	3-7
2	8	9	10				

PUBLICITY ISSUED DESCRIPTION (45) NRC USE ONLY

NRC USE ONLY

7 8 9 10 68 69 8

NAME OF PREPARER

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SUPPLEMENTAL INFORMATION
FOR
LICENSEE EVENT REPORT 79-037

Cause Description and Analysis:

On October 15, 1979, review of the computer reanalysis of the Containment Spray piping by the Plant Architect Engineer (AE), in accordance with the requirements of IE Bulletin 79-14, indicated that the discharge pipe from Containment Spray Pump "A" could be stressed above allowable values in the event of a Design Basis Earthquake (DBE).

A restraint had been calculated to be overstressed on October 10, 1979. Based on this result, it was determined that the associated piping should be re-evaluated and the restraint modified. The restraint was modified the same day (October 10) while a computer reanalysis of the piping system was initiated. Reanalysis of the piping system (assuming no support from the restraint in question) was completed October 15. This reanalysis showed the pipe could be subject to stresses above allowable values under DBE conditions. This could result in a condition less conservative than the least conservative condition allowed by Technical Specifications paragraph 3.3.2.1.d and is therefore reportable under paragraph 6.9.2.a.2. Reanalysis of the pipe with the modified restraint in place resulted in acceptable stress values in the pipe and the restraint.

The restraint deviation was apparently the result of a problem that occurred during the construction phase of HBR No. 2 and not as a result of the restraint's design. The restraint configuration, as installed, differed from that specified in the original design.

Corrective Action:

The restraint was modified the same day by increasing the size of the base plate and adding additional bracing members. This resulted in a restraint much stronger than that of the original design.

Corrective Action To Prevent Further Occurrence:

Since the condition of the restraint, as installed, was apparently due to an installation problem during original construction, and the restraint, as modified, has been verified to be more than adequate during a DBE, no further corrective action is deemed necessary.