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REPORT SOURCE

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60	61	DOCKET NUMBER					68	69	EVENT DATE					74	75	REPORT DATE					80			

08 Technical Specifications 3.4.2, 3.5.2, 6.9.1.8i 8

0	9	SYSTEM CODE		S	F	CAUSE CODE	X	CAUSE SUBCODE	Z	COMPONENT CODE						X	X	X	X	X	X	COMP. SUBCODE	Z	VALVE SUBCODE	Z					
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					
LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.		ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER		
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
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1 0 | During the installation of an SRV modification, the subject tubing had been rerouted  
1 1 | without adequate procedural controls to ensure support design compliance. Supports  
1 2 | to ensure structural integrity of the tubing were installed prior to unit startup as  
1 3 | part of a short-term correction of the problem with a long-term correction to be  
1 4 | performed during a future unit outage.

FACILITY STATUS			% POWER			OTHER STATUS			METHOD OF DISCOVERY			DISCOVERY DESCRIPTION			
1	5	G	0	0	0	NA			B	NRC Resident Inspection					
ACTIVITY CONTENT RELEASED			AMOUNT OF ACTIVITY			LOCATION OF RELEASE									
1	6	Z	Z	NA			NA								
PERSONNEL EXPOSURES			TYPE			DESCRIPTION									
1	7	0	0	0	Z	NA									
PERSONNEL INJURIES			TYPE			DESCRIPTION									
1	8	0	0	0		NA									
LOSS OF OR DAMAGE TO FACILITY			TYPE			DESCRIPTION									
1	9	Z		NA											

8303210318 830228  
PDR ADDCK 05000324  
S PDR

NRC USE ONLY -

2 PDR ADCK 05000324  
S PDR  
NA  
68 69 80

NAME OF PREPARER M. J. Pastva, Jr.

PHONE: 919-457-9521

LER ATTACHMENT - RO #2-83-19

Facility: BSEP Unit No. 2

Event Date: February 10, 1983

While performing a routine inspection in the Unit No. 2 drywell, a resident NRC inspector observed that the instrument air tubing supplying the accumulators of the unit's SRV/ADS valves appeared to lack adequate support. An engineering inspection and evaluation of the subject tubing determined the tubing support was not in accordance with the plant design requirements.

The most probable cause of this deficiency is attributed to rerouting of the tubing during the installation of a plant modification which installed two-stage SRVs to replace the former three-stage design SRVs. Rerouting of the subject tubing occurred without adequate procedural controls in the modification installation package. This resulted from an oversight on the part of the responsible engineer, who did not realize the design requirement that the tubing be supported in accordance with the spacing table requirements of ANSI B31.1.

Additional supports were installed on the subject tubing in accordance with plant modification 83-25 to ensure structural integrity of the tubing during a seismic event. Additional supports will be added during a future unit outage in order to bring the tubing system into full compliance with design requirements. The respective Unit No. 1 SRV/ADS valve accumulator air tubing will be inspected and modified as necessary during the current Unit No. 1 refueling outage in order to allow full support design compliance prior to subsequent startup of Unit No. 1. In addition, prior to startup of Unit No. 1, an inspection program will be performed on Unit No. 1 to determine if further corrective actions to this identified deficiency are needed.

As a result of this event, a plant memorandum will be distributed by March 4, 1983, to all Engineering personnel, describing this event and outlining requirements for plant instrument air tubing support. Also, a training program to reflect these seismic support requirements will be developed and incorporated by September 1, 1983.