

**LICENSEE EVENT REPORT**

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	N	J	S	G	S	1	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5				
7	8	LICENSEE CODE						14	LICENSE NUMBER												25	26	LICENSE TYPE				30	57	CAT	58			59

REPORT  
SOURCE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | On November 22, 1983, while performing routine surveillance testing on Seismic  
0 3 | Instrumentation, the Triaxial Time-History Accelerograph located inside of the bioshield  
0 4 | on the 81' Elevation of the containment building, did not respond as required. The  
0 5 | instrument was declared inoperable. Redundant Accelerographs are operable. The event  
0 6 | involves no undue risk to the health or safety of the public. Technical Specification  
0 7 | Action Statement 3.3.3.3.a requires a special report if it is inoperable greater  
0 8 | than 30 days.

09		SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE						COMP. SUBCODE		VALVE SUBCODE	
7	8	A	D	E		E		I	N	S	T	R	U	E		Z	
		9	10	11	12	13	14	15	16	17	18	19	20	21	22		
LER RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NC.							
17		8	3	—	0	6	2	/	9	9	X	—	0				
		21	22	23	24	25	26	27	28	29	30	31	32				
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB		PRIME COMP. SUPPLIER			
Z	C	Z		Z					0	0	0	0	Y	Y	A		
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48		
18		19		20		21		22		23		24		25			
K		1	3	0													

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | A new accelerometer is available and will be replaced during the next available shut-

1 1 | down. The detector is located inside of the bioshield and cannot be replaced during

1 2 | power operation.

1 3 |

1 4 |

7	8	9											80						
FACILITY STATUS			% POWER			OTHER STATUS			(30)	METHOD OF DISCOVERY			DISCOVERY DESCRIPTION			(32)	80		
1	5	E	(28)	1	0	0	(29)	N/A			(30)	B	(31)	Surveillance Testing			(32)	80	
7	8	9											44	45	46				80
ACTIVITY CONTENT			RELEASED OF RELEASE			AMOUNT OF ACTIVITY			(35)				LOCATION OF RELEASE			(36)	80		
1	6	Z	(33)	Z	(34)	N/A			(35)				N/A			(36)	80		
7	8	9											44	45				80	

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION	(39)				
1	7	0	0	0	(37)	Z	(38)	N/A	

7	8	9	11	12	13	80
PERSONNEL INJURIES						
NUMBER DESCRIPTION (41)						

1	8	0	0	0	40	N/A	
7	8	9	10	11	12	80	

1		9		Z		42		43	
LOSS OF OR DAMAGE TO FACILITY		TYPE		DESCRIPTION					
						N/A			

7 8 9 10  
PUBICITY  
ISSUED DESCRIPTION (45)  
2 0 N (44) N/A 8401130214 831230  
PDR ADOCK 05000272  
S PDR  
NRC USE ONLY  
68 69 80

PHONE: (609) 339-4309



Public Service Electric and Gas Company P.O. Box E Hancocks Bridge, New Jersey 08038

Salem Generating Station

December 30, 1983

Dr. Thomas E. Murley  
Regional Administrator  
USNRC  
Region 1  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Dear Dr. Murley:

LICENSE NO. DPR-70  
DOCKET NO. 50-272  
REPORTABLE OCCURRENCE 83-062/99X

Pursuant to the requirements of Salem Generating Station Unit No. 1, Technical Specifications, Section 6.9.2.b, we are submitting Licensee Event Report for Reportable Occurrence 83-062/99X. This report is required within ten (10) days following seismic monitoring equipment inoperability of thirty days.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "J. M. Zupko, Jr.", written in a cursive style.

J. M. Zupko, Jr.  
General Manager -  
Salem Operations

JR:k11 *264*

CC: Distribution

Report Number: 83-062/99X  
Report Date: 12-30-83  
Occurrence Date: 11-22-83  
Facility: Salem Generating Station Unit 1  
Public Service Electric & Gas Company  
Hancock's Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Seismic Instrumentation - Reactor Containment 81' Elevation - Triaxial Time-History Accelograph - Inoperable

This report was initiated by Incident Report 83-211

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 100 % - Unit Load 1150 MWe

DESCRIPTION OF OCCURRENCE:

Approximately 1400 hours, November 22, 1983, during routine power operation, while performing surveillance testing of seismic monitoring instrumentation, the Triaxial Time-History Accelograph (located inside of the bioshield on the 81' elevation of the containment building) did not respond as required. The instrument was declared inoperable at that time.

APPARENT CAUSE OF OCCURRENCE:

The symptoms indicate a failed detector. Because the detector is located inside of the bioshield, a thorough investigation cannot be conducted while the unit is at power.

ANALYSIS OF OCCURRENCE:

The operability of the seismic instrumentation ensures that sufficient capability is available to promptly determine the magnitude of a seismic event and evaluate the response of those features important to safety. This capability is required to permit comparison of the measured response to that used in the design basis for the facility.

Technical Specification Action Statement 3.3.3.3.a. states:

With one or more seismic monitoring instruments inoperable for more than 30 days, prepare and submit a special report to the Commission pursuant to Specification 6.9.2 within the next 10 days outlining the cause of the malfunction and the plans for restoring the instrument(s) to operable status.

ANALYSIS OF CIRCUMSTANCE: (cont'd)

The redundant Triaxial Time-History Accelerographs, located on the 130' elevation of the containment building and on the 122' elevation of the auxiliary building are operable. This event involved no undue risk to the health or safety of the public. Because the instrument has not been repaired, this report is submitted in accordance with Technical Specification 6.9.2.b.

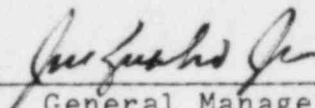
CORRECTIVE ACTION:

The instrument will be replaced during the next available shutdown, and a supplemental report will be issued documenting the findings and failure data. A new accelerometer, Kinematics Model FBA-3, is available for installation.

FAILURE DATA:

Unknown at this time.

Prepared By J. Rupp

  
\_\_\_\_\_  
General Manager -  
Salem Operations

SORC Meeting No. 83-154