

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)  
NORTH ANNA POWER STATION, UNIT 1DOCKET NUMBER (2)  
0 5 0 0 0 3 3 8 1 OF 0 2TITLE (4)  
SURVEILLANCE NOT PERFORMED ON SEISMIC MONITORING EQUIPMENT

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)									
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES	DOCKET NUMBER(S)								
0	5	0	3	8	5	0	0	5	0	1	0	9	2	5	8	5	NORTH ANNA, UNIT 2	0 5 0 0 0 3 3 9
										0 5 0 0 0 1 1								

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §. (Check one or more of the following) (11)

OPERATING MODE (9)	20.402(b)	20.406(a)(1)(i)	20.406(a)(1)(ii)	20.406(a)(1)(iii)	20.406(a)(1)(iv)	20.406(a)(1)(v)	20.406(a)(2)(i)	20.406(a)(2)(ii)	20.406(a)(2)(iii)	20.406(a)(2)(iv)	20.406(a)(2)(v)	20.406(a)(2)(vi)	20.406(a)(2)(vii)	20.406(a)(2)(viii)(A)	20.406(a)(2)(viii)(B)	20.406(a)(2)(ix)	73.71(b)	73.71(d)	OTHER (Specify in Abstract below and in Text, NRC Form 365A)
1																			
POWER LEVEL (10)	1	1	0	0															
																		SPECIAL REPORT	

LICENSEE CONTACT FOR THIS LER (12)  
NAME  
E. WAYNE HARRELL  
TELEPHONE NUMBER  
7 0 1 3 8 1 9 4 1 - 1 5 1 1 5 1 1

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE): ☒ NO ☐

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

On May 3, 1985, with Unit 1 at 100% power, the semi-annual functional test on the Seismic Triaxial response-spectrum recorder was required but was not performed. The containment mat triaxial response recorder is an inaccessible device with a remote annunciator in the main Control Room. Present surveillance requirements and ANSI/ANS standard 2.2, 1978 require semi-annual functional testing. Because this device is inaccessible during power operation, testing every six months would require the extensive use of protective clothing, self contained breathing apparatus and limited access (ALARA concept). Testing under these conditions could damage this sensitive equipment. This special report is submitted pursuant to Technical Specification 6.9.2(c).

The semi-annual functional test on the following seismic triaxial response-spectrum recorders was also not performed: Auxiliary Building Mat, Residual Heat Removal Pipe Support, and Component Cooling Heat Exchanger Support. The nature and sensitivity of this equipment is such that functional testing as defined in the Technical Specifications is not feasible.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104  
EXPIRES 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
NORTH ANNA POWER STATION, UNIT 1	0 5 0 0 0 3 3 8 8 5	—	0 0 5	—	0 1 0 2	OF 0 2

TEXT (If more space is required, use additional NRC Form 365A (1) (17).)

On May 3, 1985, with Unit 1 at 100% power, the semi-annual functional test on the Seismic Triaxial response-spectrum recorder (EIS Component Identifier VR) was required but was not performed. The containment mat triaxial response recorder is an inaccessible device with a remote annunciator in the main Control Room. Present surveillance requirements and ANSI/ANS standard 2.2, 1978 require semi-annual functional testing. Because this device is inaccessible during power operation, testing every six months would require the extensive use of protective clothing, self contained breathing apparatus and limited access (ALARA concept). Testing under these conditions could damage this sensitive equipment. The manufacturer (Engdahl Enterprises) agrees with this assessment.

Due to the testing problems and potential for damage, the functional test will be performed during the next refueling outage. A Technical Specification change request has been submitted to delete the semi-annual functional test for this device. This special report is submitted pursuant to Technical Specification 6.9.2(c).

The NRC was consulted (Mr. Leon Engle - NRR and Mr. Steven Elrod - Region II) before the functional test was required. They concurred that the functional testing would not improve the reliability of the seismic recorder and the testing should not be performed under these circumstances. The action statement was entered and this special report submitted. The six month surveillance will be performed on the annunciator only in lieu of a channel functional test.

The semi-annual functional test on the following Seismic Triaxial response-spectrum recorders was also not performed: Auxiliary Building Mat, Residual Heat Removal Pipe Support, and Component Cooling Heat Exchanger Support. The nature and sensitivity of this equipment is such that functional testing as defined in the Technical Specifications is not feasible. The deletion of the semi-annual functional test requirement for these recorders was also requested in the Technical Specification change request mentioned above.



VIRGINIA ELECTRIC AND POWER COMPANY

NORTH ANNA POWER STATION

P. O. BOX 402

MINERAL, VIRGINIA 23117

September 25, 1985

U. S. Nuclear Regulatory Commission  
Document Control Desk  
016 Phillips Building  
Washington, D.C. 20555

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50-339

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NPF-7

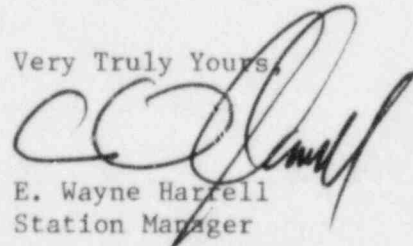
Dear Sirs:

Virginia Electric and Power Company hereby submits the following updated Licensee Event Report applicable to North Anna Units 1 and 2. The report was updated to include additional seismic response equipment that was not tested. Unit 2 docket and license numbers were also included in this update.

Report No. LER 85-005-01

This report has been reviewed by the Station Nuclear Safety and Operating Committee and will be forwarded to Safety Evaluation and Control for their review.

Very Truly Yours,



E. Wayne Harrell  
Station Manager

Enclosures (3 copies)

cc: Dr. J. Nelson Grace, Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, Suite 2900  
Atlanta, Georgia 30323

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