

U.S. NUCLEAR REGULATORY COMMISSION  
LICENSEE EVENT REPORT

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

/0/1/ /V/A/N/A/S/1/ (2) /0/0/-/0/0/0/0/0/-/0/0/ (3) /4/1/1/1/1/ (4) / / / (5)  
 LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT  
 /0/1/ REPORT /L/ (6) /0/5/0/0/0/3/3/8/ (7) /0/2/2/8/8/1/ (8) /0/3/2/7/8/1/ (9)  
 SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / On February 28, 1981, with Unit 1 in Mode 5, the 18 month surveillance of the /  
 /0/3/ / D.C. Distribution Service System was found to have exceeded the surveillance /  
 /0/4/ / interval +25%. Since the surveillance has been subsequently performed /  
 /0/5/ / successfully, the health and safety of the public was not affected. This event/  
 /0/6/ / is reportable pursuant to T.S. 6.9.1.9.c. /  
 /0/7/ / /  
 /0/8/ / /

SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
/0/9/ /E/E/ (11)	/X/ (12)	/Z/ (13)	/B/A/T/T/R/Y/ (14)	/Z/ (15)	/Z/ (16)
LER/RO REPORT NUMBER	EVENT YEAR	SEQUENTIAL REPORT NO.	OCCURRENCE CODE	REPORT TYPE	REVISION NO.
(17)	/8/1/	/-/ /0/1/6/ /	/0/3/	/L/	/-/ /0/

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
/X/ (18)	/X/ (19)	/Z/ (20)	/Z/ (21)	/C /0/0/ (22)	/Y/ (23)	/N/ (24)	/A/ (25)	/C/1/7/3/ (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / The periodic test was not performed due to a combination of problems to include/  
 /1/1/ / battery analyzer equipment problems, interfering maintenance, and an oversight /  
 /1/2/ / by the electrical department. With the repair of the analyzer and the /  
 /1/3/ / completion of maintenance precluding testing, the test was completed. /  
 /1/4/ / /

FACILITY STATUS	%POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
/1/5/ /G/ (28)	/0/0/0/ (29)	/NA/ (30)	/Z/ (31)	/NA/

ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
/1/6/ /Z/ (33)	/Z/ (34)	/NA/	/NA/

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

PERSONNEL INJURIES NUMBER	DESCRIPTION (41)
/1/8/ /0/0/0/ (40)	/NA/

LOSS OF OR DAMAGE TO FACILITY TYPE	DESCRIPTION (43)
/1/9/ /Z/ (42)	/NA/

PUBLICITY ISSUED	DESCRIPTION (45)
/2/0/ /N/ (44)	/NA/

NAME OF PREPARER W. R. CARTWRIGHT

NRC USE ONLY  
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Virginia Electric and Power Company  
North Anna Power Station, Unit #1  
Docket No. 50-338  
Report No. LER 81-016/03L-0

Attachment: Page 1 of 2

#### Description of Event

On February 28, 1981, with Unit 1 in Mode 1 it was discovered that the 18 month surveillance of the D.C. Distribution Service System was found to have exceeded its surveillance interval +25% for Station Batteries I-2, I-4 and 1H and 1J Emergency Diesel Batteries. This event is contrary to T.S. 3.8.2.3 and 3.8.2.4, and reportable pursuant to T.S. 6.9.1.9.c.

#### Probable Consequences of Occurrence

The consequences of this event are limited since Station Batteries I-1 and I-3 were operable and since Station Batteries I-2, I-4, and 1H and 1J Emergency Diesel Batteries remained operable until testing could be completed. Therefore, the health and safety of the public were not affected.

#### Cause of Event

Station Batteries I-2 and I-4 were not tested prior to exceeding the surveillance interval because the battery analyzer was broken and the turbine oil system loads called for in the procedure for I-2 were not available for testing due to the current outage. On March 3, 1981, using the repaired battery analyzer to simulate loads for Battery I-4, the Battery was tested and failed the service test. This was attributed to the fact that the proper precautions were not taken prior to conducting the test.

The 1H and 1J Emergency Diesel Batteries could have been tested during this period since the battery analyzer was not needed to test these batteries. However, due to an administrative oversight, the requirement to test these batteries was overlooked.

#### Immediate Corrective Action

After the battery analyzer was repaired and the loads were available for testing, the surveillance test was satisfactorily completed on March 24, 1981. During this period of time the factory representative for the station batteries was consulted and information obtained from these consultations was used to ensure that the proper precautions were taken prior to conducting the test.

#### Scheduled Corrective Action

The performance engineering group is in the process of developing a computerized system to replace the manual system that was formerly used to schedule and track the performance testing program. This system will be used to notify responsible departments of surveillance requirements on a monthly basis.

#### Actions Taken to Prevent Recurrence

No further action should be taken at this time.

Generic Implications

There are no generic implications in this event.