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/2/ (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 SOURCE /L/ (6) /0/5/0/0/0/3/3/9/ (7) /0/1/1/4/8/1/ (8) /0/2/0/9/8/1/ (9)
DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / On January 14, 1981, during mode 1 operation, the hydrogen recombiner system /
/0/3/ / was removed from service for piping modifications contrary to T.S. 3.6.4.2. /
/0/4/ / Since the redundant hydrogen recombiner was returned to service within 30 days /
/0/5/ / as required by the action statement and the Unit 2 hydrogen recombiner remained/
/0/6/ / operable, the health and safety of the public were not affected. This event /
/0/7/ / is reportable pursuant to T.S. 6.9.1.9.6. /
/0/8/ / /

SYSTEM CODE | CAUSE CODE | CAUSE SUBCODE | COMPONENT CODE | COMP. SUBCODE | VALVE SUBCODE

/0/9/ /S/E/ (11) /X/ (12) /Z/ (13) /X/X/X/X/X/X/ (14) /Z/ (15) /Z/ (16)

LER/RO REPORT NUMBER (17) | EVENT YEAR | SEQUENTIAL REPORT NO. | OCCURRENCE CODE | REPORT TYPE | REVISION NO.

/8/1/ /-/ /0/1/5/ / \ / /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

/Z/ (18) /Z/ (19) /Z/ (20) /Z/ (21) /0/0/0/0/ (22) /Y/ (23) /N/ (24) /A/ (25) /R/3/4/4/ (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / The Unit 1 hydrogen recombiner was removed from service to perform a piping /
/1/1/ / modification. When completed, the recombiner was returned to service. /
/1/2/ / /
/1/3/ / /
/1/4/ / /

FACILITY STATUS | %POWER | OTHER STATUS | METHOD OF DISCOVERY | DISCOVERY DESCRIPTION (32)

/1/5/ /E/ (28) /1/0/0/ (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 (43)
TYPE | DESCRIPTION

/1/9/ /Z/ (42) / NA /

PUBLICITY
ISSUED | DESCRIPTION (45) | NRC USE ONLY

/2/0/ /N/ (44) / NA / / / / / / / / / / / /

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Virginia Electric and Power Company
North Anna Power Station, Unit #2 Attachment: Page 1 of 1
Docket No. 50-339
Report No. LER 81-015/03L-0

Description of Event

On January 14, 1981, the Unit 1 hydrogen recombiner was removed from service to perform piping modifications. Since the Unit 2 Technical Specification 3.6.4.2 requires two independent hydrogen recombiner systems (shared with Unit 1) be operable, the provisions of the action statement were instituted. This item is reportable pursuant to T.S. 6.9.1.9.b.

Probable Consequences of Occurrence

The hydrogen recombiner systems are required for post - LOCA hydrogen control resulting from the zirconium water reaction, radiolytic decomposition of water and from corrosion of metals within containment. Each single recombiner has a capacity capable of controlling the expected hydrogen generation during post - LOCA conditions. Since the Unit 2 recombiner remained operable, there was no effect on the health and safety of the public.

Cause of Event

The Unit 1 hydrogen recombiner was removed from service to perform a piping modification. Misaligned expansion joints at the recombiner were replaced and correctly aligned.

Immediate Corrective Action

The provisions of the T.S. 3.6.4.2 action statement were implemented. When the piping modification was completed, the system was restored to its normal configuration.

Scheduled Corrective Action

No further action required.

Actions Taken to Prevent Recurrence

No further action required.

Generic Implications

This event has no generic implications.