

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / On December 21, 1982, with the Unit in Mode 1, an outside Containment Isolation /
 /0/3/ / Valve in the Steam Generator Wet Lay-up System was found unlocked, open and un- /
 /0/4/ / attended. Further, two outside and two inside Containment Isolation Valves in /
 /0/5/ / this system were found unlocked and unattended. Since blind flanges were proper- /
 /0/6/ / ly installed to seal the affected containment penetrations, the health and /
 /0/7/ / safety of the general public were not affected. This event is contrary to T.S. /
 /0/8/ / 3.6.3.1 and reportable pursuant to T.S. 6.9.1.9.c. /

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

/0/9/ /S/D/ (11) /D/ (12) /Z/ (13) /V/A/L/V/E/X/ (14) /E/ (15) /D/ (16)
 LER/RO EVENT YEAR SEQUENTIAL OCCURRENCE REPORT REVISION
 (17) REPORT NO. NO. NO. NO. NO. NO. NO. NO.
 NUMBER /8/2/ /-/ /0/8/6/ / / /0/3/ /L/ /-/ /0/

ACTION FUTURE EFFECT SHUTDOWN ATTACHMENT NPRD-4 PRIME COMP. COMPONENT
 TAKEN ACTION ON PLANT METHOD HOURS SUBMITTED FORM SUB. SUPPLIER MANUFACTURER

/X/ (18) /G/ (19) /Z/ (20) /Z/ (21) /0/0/0/0/ (22) /Y/ (23) /N/ (24) /A/ (25) /V/1/3/5/
 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / The reason for these Containment Isolation valves being either open and unlocked /
 /1/1/ / or closed and unlocked was procedural inadequacy. The valve found open was im- /
 /1/2/ / mediately closed and locked and the remaining unlocked valves were locked in /
 /1/3/ / accordance with Table 3.6-1. The Containment Integrity Checklist is being revised /
 /1/4/ / to include the Containment Isolation valves in the Wet Lay-up System. /

FACILITY METHOD OF
 STATUS %POWER OTHER STATUS DISCOVERY DISCOVERY DESCRIPTION (32)
 /1/5/ /E/ (28) /1/0/0/ (29) / NA / (30) /A/ (31) / Operator Observation /

ACTIVITY CONTENT
 RELEASED 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)
 /2/0/ /N/ (44) / NA /

NRC USE ONLY

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Virginia Electric and Power Company
North Anna Power Station, Unit No. 2
Docket No. 50-339
Report No. LER 82-086/03L-0

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Description of Event

On December 21, 1982, with the Unit in Mode 1, outside Containment Isolation Valve, 2-WT-448 was found unlocked, open and unattended. Further, outside Containment Isolation Valves 2-WT-446 and 2-WT-447 and inside Containment Isolation Valves 2-WT-438 and 2-WT-439 were found closed and unlocked. This event is contrary to T.S. 3.6.3.1 and reportable pursuant to T.S. 6.9.1.9.c.

Probable Consequences of Occurrence

The operability of the Containment Isolation Valves ensures that the containment atmosphere will be isolated from the outside environment in the event of a release of radioactive material to the containment atmosphere or pressurization of the containment. Since each line had at least one blind flange installed and one closed valve to seal the affected containment penetration, the health and safety of the general public were not affected.

Cause of Event

The cause of the event was procedural inadequacy in the Containment Integrity Checklist which is performed following each outage. These valves had been found open and/or unlocked as the result of a review of administrative control of locked valves. The Steam Generator Wet Lay-up System was last in service during the unit shutdown of July 1982. It was determined that these valves had not been included on Containment Integrity Checklist OP-1E or PT-60.1, Containment Integrity Monthly Surveillance Test.

Immediate Corrective Action

Valve 2-WT-448 was immediately closed and locked. The remaining valves listed in the description were properly locked and placed in administrative control.

Scheduled Corrective Action

No further corrective action is scheduled.

Actions Taken to Prevent Recurrence

The Containment Integrity Checklist, 2-OP-1E is in the process of being revised to include all of the Containment Isolation Valves in the Steam Generator Wet Lay-up System including the valves listed in the description. The monthly surveillance test, Containment Integrity, 2-PT-60.1 is in the process of being revised to include the Outside Containment Isolation Valves, 2-WT-446, 2-WT-447 and 2-WT-448.

Generic Implications

The corresponding valves on Unit 1 are being added to the Unit 1 Containment Integrity Checklist, 1-OP-1E and the Surveillance Test for Containment Integrity, 1-PT-60.1, to assure that this event does not occur on Unit 1.