UPJATED REPORT - PREVIOUS REPORT DATED NOV. 10, 1980 U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

/0/1/	CONTROL BLOCK / / / / / (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) $/V/A/N/A/S/1/$ (2) $/0/0/-/0/0/0/0/-/0/0/$ (3) $/4/1/1/1/1$ (4) $///LICENSEE CODELICENSE NUMBERLICENSE TYPECAT$
/0/1/	$\frac{\text{REPORT}}{\text{SOURCE}} \frac{/L/}{(6)} \frac{\frac{0}{5}/0}{\frac{0}{3}/3} \frac{(7)}{3} \frac{\frac{1}{0}/1}{\frac{1}{5}/8} \frac{(8)}{2} \frac{\frac{0}{3}/1}{\frac{8}{3}/1} \frac{(9)}{(9)}$ EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)
/0/2/	/ On October 15, 1980, while attempting to restore 1-FW-P-2 (Steam Driven Aux Feed-/
/0/3/	/ water Pump) back to service utilizing periodic test (1-PT-71.1) the turbine trip /
/0/4/	/ valve tripped upon starting the pump. Since the affected pump was already within/
/0/5/	/ an action statement due to a faulty relief valv , and two fullsize electric /
/0/6/	/ driven aux feedwater pumps were available to deliver feed flow to the steam gen- /
/0/7/	/ erators on loss of main feed, the health and safety of the public were not /
/0/8/	/ affected. /
	SYSTEM     CAUSE     CAUSE     COMP.     VALVE       CODE     CODE     SUBCODE     COMPONENT CODE     SUBCODE     SUBCODE
/0/9/	<u>/H/H/ (11) /E/ (12) /B/ (13) /M/E/C/F/U/N/ (14) /X/ (15) /Z/ (16)</u> SEQUENTIAL OCCURRENCE REPORT REVISION
(17	) REPORT NUMBER $\frac{18/0}{1-1}$ $\frac{1-1}{0/8/7}$ $\frac{1}{1}$ $\frac{10/3}{12}$ $\frac{11}{12}$ $\frac{10}{12}$
ACTION TAKEN <u>/E/</u> (1	FUTURE ACTIONEFFECT ON PLANTSHUTDOWN METHODATTACHMENT NURS SUBMITTED (22)PRIME COMP. COMPONENT METHOD SUBMITTED (22)ATTACHMENT NPRD-4 SUBMITTED FORM SUB. 
C	AUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
/1/0/	/ The turbine trip valve is controlled by a speed limiting P. G. hydraulic Wood- /
/1/1/	/ ward Governor through a direct acting linkage. The governor was examined by /
/1/2/	/ maintenance personnel to determine the reason for the turbine trip valve tripp- /
/1/3/	/ ing. Consequently the governor was reset in accordance with Woodward Bulletin /
/1/4/	/ 3602 page 8, and tested satisfactorily by periodic surveillance test. /
I	ACILITY METHOD OF
<u>/1/5/</u>	ACTIVITY     CONTENT     OTHER STATUS     DISCOVERY     DISCOVERY     DESCRIPTION (32)
/1/6/	RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)
1-1-01	PERSONNEL EXPOSURES
11/7/	NUMBER TYPE DESCRIPTION (39)
<u>/ +/ //</u>	PERSONNEL INJURIES NUMBER DESCRIPTION (41)
/1/8/	/0/0/0/ (40) / NA //
	TYPE DESCRIPTION (43)
/1/9/	<u>/2/ '42) / NA</u>
	ISSUED DESCRIPTION (45) NRC USE ONLY
/2/0/	<u>/N/ (44) / NA</u> /////////////////////////////////
	NAME OF PREPARER W. R. CARTWRIGHT PHONE (703) 894-5151

Virginia Electric and Power Company North Anna Power Station, Unit 1 Docket No. 50-338 Report No. LER 80-087/03X-1

Attachment: Page 1 of 1

# Description of Event

On October 15, 1979 while operating Unit I at 100% power a periodic surveillance test (1-PT-71) was being performed in order to prove the Steam Driven Aux Feedwater operable after having been inoperable for 1 1/2 days for a faulty relief valve. Upon starting the pump the turbine trip valve tripped shut-thus shutting down the pump. With the failure of the governor to properly limit overspeed the Steam Drive Aux Feedwater Pump remained inoperable and is reportable pursuant to T.S. 6.9.1.9.b.

# Probable Consequences of Occurrence

The consequences of this event were minimal in that two fullsize Electric Driven Aux Feedwater pumps (1FW-P-3A, 1-FW-P-3B) were available to provide flow to the steam generators on a loss of main feed. Consequently, the health and safety of the public were not affected.

### Cause of Event

The cause for the failure of the Woodward Governor and the subsequent trip valve could not be determined by maintenance personnel. It is thought that the compensating needle valve was set too far open thus causing the governor to respond too quickly for proper operation.

## Immediate Corrective Action

The trip valve was reset, the governor examined, and the compensating needle valve adjusted in accordance with Woodward bulletin 3206, page 8. Subsequent to maintenance the affected aux feedwater pump was successfully tested in accordance with periodic surviellance test 1-PT-71.1 and declared operable, and available for service.

#### Scheduled Corrective Action

None scheduled.

#### Actions Taken to Prevent Reccurrence

None required at this time. If further surveillance tests on 1-FW-P-2 indicate problems still exist with the Woodward Governor, then further action may be explored.

#### Generic Implications

Maintenance history to date does not indicate any generic implications for the Terry Turbine ( Steam Driven Aux Feedwater Pump) Woodward Governor failing in this manner.