AC FORM 366 S. YULLEAR REGULAIURT CONVICTOR 7.77) LICENSEE EVENT REPORT (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) CONTROL BLOCK: IS 10 3 0 10 10 0 0 0 VI 0 (2)0 0 1 LICENSE NUMBER LICENSEE CODE CON'T REPORT 21 4 7 8 (9) 8 1 10 10 2 6 7 (7)11 11 (8) 5 0 1 0 (6) 0 SOURCE REPORT DATE EVENT DATE DOCKET NUMBER EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) After performance of a surveillance test, four of six high power Rod Withdrawal Pro-0 2 (hibit (RWP) trip points were left at a setting slightly greater than 30%. Table 0 3 14.4-4 of LCO 4.4.1 specifies a setting of less than or equal to 30%. Therefore, this 0 4 condition is reportable per Fort St. Vrain Technical Specification AC 7.5.2(b)1. 0 5 0 6 0 7 018 80 COMP SYSTEM CAUSE VALVE CAUSE COMPONENT CODE SUBCODE SUBCODE CODE CODE Z (16) Z (15 (13) ZI Z Z Z (14)B (12 Z (11 D 9 18 10 REVISION OCCURRENCE SEQUENTIAL REPORT NO. EVENT YEAR REPORT NO. CODE TYPE LER/RO 0 3 0 8 (17 REPORT 0 3 5 NUMBER 31 32 28 30 PRIME COMP COMPONENT NPRD-4 ATTACHMENT FUTURE EFFEC METHOD TAKEN HOURS (22) MANUFACTURER SUBMITTED FORM SUB SUPPLIER ON PLANT N (24) Z 25 91 9 9 Z Z (21) Y (23) 0 0 0 (20) 01 (18) (19 26 42 CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27 because the acceptable voltage range allowed in 0 Procedure was defective procedure permitted RWP to be set too high. Surveillance test was revised nuclear instrumentation recalibrated to new criteria. 3 4 80 0 METHOD OF FACILIT (30) DISCOVERY DESCRIPTION (32) OTHER STATUS % POWER B (31) (28) 6 E 0 29 Routine 5 10 80 10 CONTENT 45 ACTIVITY LOCATION OF RELEASE (36) (35) AMOUNT OF ACTIVITY OF RELEASE RELEASED 6 (33) (34 N/A Ν 80 PERSONNEL EXPOSURES DESCRIPTION (39) TYPE NUMBER 0 38 N/A 0 0 80 PERSONNEL INJURIES DESCRIPTION (41) NUMBER 0 0 (40) 0 N/A 80 OSS OF OR DAMAGE TO FACILITY (43 DESCRIPTION YPE Z (42) N/A 9 20 PUBLICITY NRC USE ONLY DESCRIPTION (45) (44) N N/A 68 69 80 812200210 7 (303) 785-2253 J. W. Gahm

REPORT	DATE	:	December	14,	1978	
OCCURRE	INCE	DATE :	November	14.	1978	

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FORT ST. VRAIN NUCLEAR GENERATING STATION PUBLIC SERVICE COMPANY OF COLORADO P. O. BCA 361 PLATTEVILLE, COLORADO 80651

REPORT NO. 50-267/78-35/03-L-0

Final

IDENTIFICATION OF OCCURRENCE:

After performance of a routine surveillance test, four of six Linear Channel-High Power Rod Withdrawel Prohibit (RWP) trip points were left at a setting greater than 30%. Table 4.4-4 of LCO 4.4.1 specifies an RWP trip point setting of less than or equal to 30%. Therefore, this condition is reportable per Fort St. Vrain Technical Specification AC 7.5.2(b)1.

EVENT

DESCRIPTION:

On July 20, 1978, a routine surveillance test of the Linear Power Range Channel Calibration was performed. This surveillance test specified a high power RWP trip point voltage of 2.0 volts with a voltage tolerance of \pm 0.05 volts. The 2.0 volt trip point corresponds to a reactor power of 30%. Therefore, when the \pm 0.05 volt tolerance was utilized, a trip point in excess of 30% reactor power was possible.

The "as left" conditions for the surveillance test were as follows:

Channel	"As Left" Volts	Equivalent Power
3	2.01	30.2%
4	2.02	30.3%
5	2.02	30.3%
6	2.02	30.3%
7	1.99	29.8%
8	2.00	30.0%

The settings of Channels 3, 4, 5, and 6 were less conservative than those established by the Technical Specifications, but did not prevent the fulfillment of their functional requirements.

The discrepancy between the surveillance test and the Technical Specification setpoints was discovered during a routine audit performed by plant Quality Assurance personnel.

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CAUSE DESCRIPTION:

The procedure was defective because the acceptance voltage range stated in the surveillance test allowed four RWP trip points to be left at a setting greater than 30%. The voltage tolerance of ± 0.05 volts was specified because it is within the accuracy capability of the test instrumentation.

CORRECTIVE ACTION:

The surveillance test setpoints have been revised to a voltage range of 1.93 \pm 0.06 volts, which corresponds to a reactor power of 29 \pm 1%. The nuclear instrumentation has been readjusted using this revised criteria.

No further corrective action is anticipated or required.

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