

## Licensee/Facility:

Florida Power & Light Co.  
Saint Lucie 2  
Florida

## Notification:

MR Number: 2-94-0058  
Date: 07/14/94

Dockets: 50-389  
PWR/CE

Subject: FAILURE OF TRIP CIRCUIT BREAKER (TCB) 5 TO OPEN

Reportable Event Number: N/A

## Discussion:

On July 14, Reactor Protection System (RPS) logic testing resulted in a failure of Trip Circuit Breaker (TCB) 5 to open upon receipt of an open signal from the monthly RPS logic surveillance. Operators attempted to open the subject TCB from the control room and locally without success. TCB 5 is one of 8 TCBs employed to trip the reactor in response to an RPS trip signal. The TCBs are General Electric models AK-2-25. TS 3.3.1, Table 3.3-1, requires that 4 channels (consisting of 2-TCB pairs forming a one-out-of-two-taken twice reactor trip logic scheme) be operable in Modes 1 and 2. The applicable action statement requires that an inoperable channel be placed in a tripped condition to allow continued operation. The licensee opened TCB 1 which, with TCB 5, forms one channel. The licensee also opened TCB's 2 and 6. Opening TCB 6 had the effect of electrically isolating TCB 5 and placing the TCB trip logic into a 1-out-of-2-taken-once reactor trip logic scheme. The licensee considered these actions to have satisfied TS requirements. A unit

shutdown was commenced at approximately 0750 to allow TCB 5 to be removed and inspected. The licensee intends to be off-line by 1200. Restart has not been scheduled and will depend upon the results of an inspection of TCB 5.

Unit 1 TCB's were last tested satisfactorily on July 7, 1994.

Regional Action:

Resident Inspectors are following the licensee's actions.

Contact: K. LANDIS

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