

DUKE POWER COMPANY
OCONEE UNITS 1,2,3

Report No.: RO-269/77-29

Report Date: January 18, 1978

Occurrence Date: December 19, 1977

Facility: Oconee Units 1,2,3, Seneca, South Carolina

Identification of Occurrence: Keowee Hydro Unit 2 Field Flashing Breaker
Inoperable

Conditions Prior to Incident: Unit 1 100% FP
Unit 2 80% FP
Unit 3 76% FP

Description of Occurrence:

On December 19, 1977 at 1240 in an attempt to start Keowee Hydro Unit 2 from the Oconee control room, the field flashing breaker failed to close, as required. A second attempt was made at 1250 at which time the breaker closed normally. Keowee Unit 2 was then shut down in order to determine the problem in the field flash breaker. Upon inspection, no abnormalities in the breaker were discovered. The unit was declared operable after starting several times without incident.

Apparent Cause of Occurrence:

Examination and repeated operation showed no abnormalities within the breaker. A full inspection of the breaker also showed no abnormalities. No apparent cause could be determined.

Analysis of Occurrence:

Keowee Unit 2 is one of several redundant sources of auxiliary power for the Oconee station. Keowee Unit 1 and the underground feeder cable were fully operational and capable of supplying emergency power to all units, if required. The health and safety of the public were not endangered by this incident.

Corrective Action:

The breaker was inspected and serviced and was found to be fully operable.

8001100 667

LICENSEE EVENT REPORT

EXHIBIT A

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONTROL BLOCK:																			
SC N E E 1 2 0 0 - 0 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 1 5										L I C E N S E E C O D E L I C E N S E N U M B E R L I C E N S E T Y P E J O C A T									
R E P O R T S O U R C E L 5 0 5 0 0 0 2 6 9 7 1 1 2 1 9 7 7 8 0 1 1 8 7 8 9										C O C K E T N U M B E R E V E N T D A T E R E P O R T D A T E									

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

During normal operation Keowee Hydro Unit 2 failed to start on initiation from Oconee control room. Since Keowee 2 is a source of auxiliary power for the Oconee station (Units 1, 2, and 3) this is reportable under T.S. 6.6.2.1.b.(2). The unit started normally on second and subsequent attempts.

SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP SUBCODE		VALVE SUBCODE	
E	B	E	X	C	R	K	B	K	R	A	Z		
SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.							
0 2 9		0 3		L		0							
LEAD REPORT NUMBER		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NRC FORM SUB.		PRIME COMP. SUPPLIER	
7 7		Z		Z		0 0 0 0		Y		Y		L	
ACTION TAKEN		FUTURE ACTION										COMPONENT MANUFACTURER	
Z		Z										W 1 2 0	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

The Field Flashing Breaker on the generator failed to close on first attempt. The breaker was verified as operable by subsequent operation and visual examination. Normal inspection and servicing resulted in no further corrective action.

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
E	1 0 0	NA		A		Operator Observation			
ACTIVITY RELEASED OR RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE					
Z		NA		NA					
PERSONNEL EXPOSURES		DESCRIPTION							
0 0 0		Z		NA					
PERSONNEL INJURIES		DESCRIPTION							
0 0 0		NA							
LOSS OF OR DAMAGE TO FACILITY		DESCRIPTION							
Z		NA							
PUBLICATION		ISSUED DESCRIPTION							
N		NA							

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