

DUKE POWER COMPANY  
OCONEE UNIT 2

Report No.: RO-270/78-1

Report Date: February 10, 1978

Occurrence Date: January 13, 1978

Facility: Oconee Unit 2, Seneca, South Carolina

Description of Occurrence: Core Flood Tank 2A Level Instruments Inoperable

Conditions Prior to Occurrence: Cold Shutdown

Description of Occurrence:

During the performance of procedure IP/O/A/201/1A, both level instruments on Core Flood Tank 2A were determined to be out of calibration in the non-conservative direction. One channel of level instrumentation was indicating high by 0.34 feet, the other by 0.45 feet. By Specification 3.3.6, only one level instrument may be inoperable during operation above 800 psig. Both instruments were calibrated and returned to operation.

Apparent Cause of Occurrence:

There was no apparent cause for the occurrence. These instruments were last calibrated during the previous refueling outage.

Analysis of Occurrence:

The core flood system is one of three means designed to provide emergency core cooling (ECCS), the others being the high and low pressure injection systems. In the event of an accident, all of these systems would have operated to maintain the core covered and to cool the core. The combined volume of water in both core flood tanks was always above the minimum amount required. Thus, the health and safety of the public were not endangered.

Corrective Action:

Both channels of level instruments were calibrated and returned to operation.

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LICENSEE EVENT REPORT

EXHIBIT A

CONTROL BLOCK:										(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)									
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