DUKE POWER COMPANY
OCONEE UNIT 1

Report No.: UE-269/74-7

Report Date: December 20, 1974

12-20-74

Event Date: November 7, 1974

Facility: Oconee Unit 1, Seneca, South Carolina

Identification of Event: Failure to perform Keowee Operational Periodic Test at the specified frequency

Conditions Prior to Event: Power operation

Description of Event:

On November 7, 1974, a review of the testing records for the Keowee Hydro Station revealed that the interval between Keowee operational periodic tests from August 15 to October 1, 1974 had exceeded the Technical Specification maximum allowable interval by two days. Technical Specification 4.0 permits a maximum of 45 days between monthly tests and in this instance 47 days had elapsed.

Designation of Apparent Cause of Event:

The Keowee Operational Periodic Test, normally scheduled for the last day of the month, was performed on August 15, 1974, two weeks prior to the scheduled date of August 31, 1974. The schedule for completion of future tests was not revised to reflect this early completion of this test; and hence, when the test was completed on October 1, 1974, a total of 47 days had elapsed.

Analysis of Event:

The Keowee Operational Periodic Test is performed on a monthly basis to ensure the operability of the Keowee hydro units as a source of emergency power for the Oconee Nuclear Station. Even though the test interval had been exceeded by two days, the hydro units functioned properly when tested on October 1, 1974. In addition, the Keowee Unit 1 had been operated 20 times and Unit 2 had been operated 18 times for system load during the period August 15 to October 1, 1974. It can be concluded that these hydro units were operable throughout the interval between tests and that the health and safety of the public was not affected by this incident.

Corrective Action:

A computer program has been developed which will aid in the scheduling of Periodic Tests at Oconee. All tests which are performed less frequently

than weekly will utilize this program. As tests are completed, the date of completion is entered into the computer. The computer then generates a schedule for the next test with an earliest and latest completion date shown. This system will be implemented by January 15, 1975.