

LICENSEE EVENT REPORT

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

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7		8		60 REPORT SOURCE						68 DOCKET NUMBER						74 EVENT DATE						75 REPORT DATE						80																			

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | With unit 1 in mode 5, an evaluation of start-up calorimetric data identified that the

0 3 | high steamflow safeguard program and the steam/feedwater flow mismatch bistable set-

0 4 | tings had been less conservative than the allowable values specified by Technical

0 5 | Specifications 3.3.2.1 (Table 3.3-4) and 2.2.1 (Table 2.2-1). There was no effect on

0 6 | public health or safety. No previous occurrences.

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CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | The actual differential pressure produced at the steam flow transmitter for 75% rated

1 1 | steam flow was less than expected. The calorimetric data was used to recalibrate the

1 2 | high steam flow program and the steam/feedwater flow mismatch bistable setpoints. A

1 3 | final calibration of the steam flow loops will be performed using data obtained from

1 4 | 100% power testing.

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Name of Preparer: J.M.McGriff/A.M.Wilkey Phone (615) 842-8261

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Tennessee Valley Authority
Sequoyah Nuclear Plant

LER SUPPLEMENTAL INFORMATION

SQRO-50-327/80199 Technical Specification Involved: 2.2.1 and 3.3.2.1

Reported Under Technical Specification: 6.9.1.12.a

Date of Occurrence: 12/09/80 Time of Occurrence: 1430 CST

Identification and Description of Occurrence:

An evaluation of start-up calorimetric data identified that the high steamflow safeguard program and the steam/feedwater flow mismatch bistable settings had been less conservative than the allowable values specified by the Technical Specifications.

Conditions Prior to Occurrence:

Unit in mode 5 at time of discovery.

Apparent Cause of Occurrence:

The actual differential pressure produced at the flow transmitter for 75% rated steam flow was less than expected.

Analysis of Occurrence:

The differential pressure error at the flow transmitter resulted in an actual high steam flow setpoint of 121.5% rated steam flow and a mismatch setpoint of 48.3% rated steam flow at full load. Allowable technical specification values are 111.5% and 42.5% respectively.

Corrective Action:

The calorimetric data was used to recalibrate the high steam flow and steam/feedwater flow mismatch setpoints to compensate for the transmitter inaccuracy. A final calibration of the steam flow loops will be performed using data to be obtained during 100% power testing.