

TELECOPY TO NRC

Dec. 15, 1983

U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW  
Suite 3100  
Atlanta, Georgia 30303

831228 22 All: 10

BFRO-50-296-83060

Reported under Technical Specification 6.7.2.a.1

Telecopy Date 12/15/83 Time

Date of Occurrence: 12/14/83 Time of Occurrence: 1530 Unit 3

Technical Specification Involved: 2.2.A

Conditions Prior to Occurrence

Unit 1 - Refueling Outage  
Unit 2 - 1050 MWe  
Unit 3 - Refueling Outage

Identification and Description of Occurrence

See Attached

Apparent Cause of Occurrence :

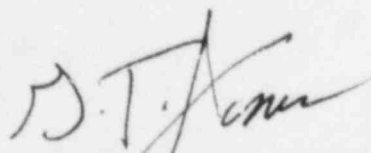
As stated in previous LERs (BFRO-50-259/83036, -260/82027, -259/81025, -296/81074), the cause is being evaluated with the manufacturer.

Other Related Events :

(See Attached)

Corrective Action Taken or Planned :

These nine valves will be reset and retested prior to installation.

  
G. T. Jones  
Power Plant Superintendent  
Browns Ferry Nuclear Plant

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IDENTIFICATION AND DESCRIPTION OF OCCURRENCE

Through verbal notification, we have received data indicating that nine of the thirteen two-stage Target Rock relief valves tested at Wyle Laboratories for as-found set pressure initially failed to lift within the allowable range. Tabulated below are the valve serial numbers, set pressures, as-found set pressures, and percent deviation for the first lift.

<u>Valve Serial Number</u>	<u>Set Pressure</u>	<u>As-Found</u>	<u>Percent Deviation</u>
1018	1115 $\pm$ 11 psig	1130 psig	1.3
1019	1125 $\pm$ 11 psig	1161 psig	3.2
1023	1105 $\pm$ 11 psig	1121 psig	1.4
1024	1125 $\pm$ 11 psig	1179 psig	4.8
1029	1125 $\pm$ 11 psig	1176 psig	4.5
1030	1115 $\pm$ 11 psig	1158 psig	3.9
1063	1105 $\pm$ 11 psig	1197 psig	8.3
1078	1125 $\pm$ 11 psig	1149 psig	2.1
1085	1125 $\pm$ 11 psig	1170 psig	4.0

The total average deviation is 3.72 percent.

OTHER RELATED EVENTS

Reference: BFR0-50-259/83036, -260/82027, -296/80054, -259-81025, -296/81074. The evaluations performed in the referenced LERs remain valid in that this problem does not result in an overpressure condition of the reactor vessel piping nor does it result in any appreciable increase in MCPR operating limit. Previous calculations performed by the General Electric Company indicated that for the previous unit 3 operating cycle, a total average deviation in relief valve setpoint of 5.0 percent could have existed with no significant effect on nuclear safety.