

TELECOPY TO NRC

Oct. 6, 1983

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

BFRO-50-260/83061

Reported under Technical Specification 6.7.2.a.9

Telecopy Date 10/06/83 Time 1015

Telephone : Date: 10/5/83 Time 1305

Date of Occurrence: 10/4/83 Time of Occurrence: 1400 Unit 2

Technical Specification Involved: 3.7.H

Conditions Prior to Occurrence

Units 1 and 3 - Refueling Outage
Unit 2 - Operating at 3276 MW (th)

Identification and Description of Occurrence

On October 4, 1983 at 1400 hours, unit 2 "B" hydrogen-oxygen analyzer sample pump was determined to be inoperable following notification from Metal Bellows Corporation of a generic deficiency.

Apparent Cause of Occurrence :

Metal Bellows Corporation determined that under required high-pressure conditions the Model MB601 HP, Part No. 40523 sample motors (Serial Numbers 763 - 770) would require excessive current and would not perform their intended function.

Metal Bellows had previously notified TVA that the pumps draw excessive current and the pumps were being replace for that reason. However, TVA had not been informed that the pumps would not perform their function. On October 3, 1983, Browns Ferry received notification from Metal Bellows that the pumps "will not perform to specifications under high-pressure conditions." On October 4, 1983 at 1400 hours, Browns Ferry received clarification that the original pumps would not perform their intended function due to excessive motor current during required high-pressure operation.

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Other Related Events :

None

Corrective Action Taken or Planned :

Pending clarification of the notification, 2A pump was replaced on October 3, 1983 with an upgraded pump in stock. Pump 2B is expected to be replaced October 5, 1983 with an upgraded pump from unit 3. Unit 1 and unit 3 pump assemblies had been previously changed out with upgraded assemblies.

G. T. Jones

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