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LER #: 50-366/1982-24
Licensee: Georgia Power Company
Facility Name: Edwin I. Hatch
Docket #: 50-366

Narrative Report
for LER 50-366/1982-24

On 4-6-82, with Unit 2 in a refueling/torus modification outage, two problems occurred during the running of HNP-2-3016, "MSIV Leakage Control System LSFT".

The first was a problem with the MSIV Leakage Control System outboard bleed valves, 2E32-F006 and 2E32-F007, not opening upon initiation. These two valves receive an open permissive signal from the main steam line outboard pressure switch, 2E32-N656, and can be opened only when low pressure (i.e., less than 7.5 psig) exists within the line. The switch was erroneously actuated due to condensate build up within the line; therefore, the switch responded as if high pressure (i.e., greater than 7.5 psig) existed within the line and opened instead the MSIV Leakage Control System outboard depressurization valves, 2E32-F008 and 2E32-F009 which receive an open permissive switch on the high pressure.

On April 16, 1982, the switch was vented and the built up pressure relieved per Maintenance Request (MR) 2-82-1812. The calibration of the switch was checked per HNP-2-5648, Bailey Type 745 calibration procedure, and found to be within tolerance. The LSFT was then resumed with 2E32-F006 and 2E32-F007 operating properly.

The second problem occurred later on the initial test day, and involved the "P" System Inboard Logic part of the same LSFT. While attempting to cycle (fully open and then immediately fully close) MSIV Leakage Control System Inboard Valve 2E32-F001P, the valve stuck in the open position. The control panel lights gave a double indication (one light lit indicating "open" and another light lit indicating "closed"). Upon investigation, a limit switch on the valve was found out of adjustment, thus causing the "closed" light to be erroneously lit. The valve's sticking in the open position was due to a faulty "close" torque switch; this switch normally opens after the valve has closed and been "torqued out". This switch had remained open and thus the valve could not be closed. The torque switch was replaced and the limit switch was adjusted to "close" per MR 2-82-1822, on April 14, 1982. The valve then operated properly for the remainder of the test.

In the event that pressure switch 2E32-N656 does not function properly due to condensate build up, the MSIV Leakage Control System still performs its intended function because the leakage routed through the alternate line (i.e. 2E32-F008 and 2E32-F009) discharges into the same building volume as the normal line (i.e. 2E32-F006 and 2E32-F007). Investigation is still underway to determine cause and resolution of the problem.

This is not a recurring event and presented no danger to plant personnel or the general public.