

LER #: 50-366/1980-008
Licensee: Georgia Power Company
Facility: Edwin I. Hatch
Docket #: 50-366

Narrative Report
for LER 50-366/1980-008

On 1-29-80, with the reactor operating at 150 MWt in the run mode and while increasing reactor power by control rod withdrawal in rod group 7, the operator noticed that the rod select matrix was not backlighted, and the rod sequence control system was not initiating rod blocks properly. The RSCS was determined to be inoperable, and rod movement was stopped per Tech Specs section 3.1.4.2.b. RSCS being inoperable is a condition leading to operation in a degraded mode permitted by a limiting condition for operation, reportable per Tech Specs section 6.9.1.0.b. This event is not applicable to Unit 1. This is a non-repetitive occurrence. There were no effects upon public health and safety due to this event.

The RSCS did not function properly due to a design change which inadvertently removed the control rod settle cycle input from the reactor manual control system to the group notch control mode of RSCS. This design change was based on an FDDR which did not specify the addition of two wires internal to the new reactor manual control solid state timer. The omission of the internal wires caused the settle cycle input to be removed. A design change was performed to restore the settle cycle input to the original wiring configuration, allowing the RSCS to perform its intended function. No further corrective action is required. The original design change will be re-installed, with the addition of the internal wires to the solid state timer, during an upcoming outage. The unit is now in full compliance with the requirements for RSCS operability, and no further reporting is required.

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