

December 19, 2007

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-07-009C

This preliminary notification constitutes EARLY notice of events of possible safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by Region II staff (Atlanta, Georgia) on this date.

Facility

Southern Company
Joseph M. Farley Nuclear Plant Unit 1
Columbia, AL
Dockets/License: 50-348 & 50-364/NPF-2 & NPF-8

Licensee Emergency Classification

Notification of Unusual Event
Alert
Site Area Emergency
General Emergency
X Not Applicable

Subject: UPDATE - Farley Augmented Inspection Team (AIT)

On December 19, 2007, the NRC issued the report of the Augmented Inspection Team, which was dispatched to Farley Nuclear Plant in September 2007 to evaluate the circumstances surrounding two component cooling water pump breaker failures. The report also discussed the NRC's extended AIT inspection of the Unit 1 B train residual heat removal pump circuit breaker failure which occurred on October 16, 2007.

The report identifies four unresolved items which will require additional inspection followup. The areas included the unavailability of the Component Cooling Water system to automatically actuate had it been required to mitigate the consequences of an accident for an approximate seven hour period due to the breaker related problems, the use of a non-conforming component as a replacement for one of the failed breakers, the adequacy of the root cause analysis of the failed breakers, and the quality control of the replacement breakers during manufacturing, dedication, and receipt inspection.

These unresolved items will be dispositioned following additional inspection by the Region and the NRR Vendor Inspection Branch.

This information presented herein has been discussed with the licensee and is current as of December 19, 2007, at 5:00 p.m.

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