

# Oconee 1

## 3Q/2009 Plant Inspection Findings

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### Initiating Events

**Significance:** **W** Nov 19, 2008

Identified By: Self-Revealing

Item Type: FIN Finding

#### **Failure to Implement an Adequate AVR Maintenance Procedure [EA-08-324]**

A White Finding was identified for the failure to implement a main generator automatic voltage regulator (AVR) maintenance procedure that met the standards/expectations of Nuclear System Directive (NSD) 703, Administrative Instructions for Technical Procedures, to achieve the intended purpose by being technically accurate, safe, and complete. More specifically, AVR maintenance procedure IP/0/B/2005/001, Main Generator Automatic Voltage Regulator Maintenance and Channel Transfer, failed to identify and electrically isolate all AVR trip outputs to the main generator lockout relays. Consequently, during AVR maintenance in Unit 1 on April 15, 2008, a main generator lockout occurred, resulting in a loss of power event that ultimately led to a loss of RCS inventory (70 inches to 54 inches on LT-5) while in Mode 6 (reactor head closure bolts de-tensioned) on decay heat removal. As such, this event challenged the safety function of inventory control.

Inspection Report# : [2008010](#) (*pdf*)

Inspection Report# : [2009007](#) (*pdf*)

Inspection Report# : [2009008](#) (*pdf*)

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### Mitigating Systems

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### Barrier Integrity

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### Emergency Preparedness

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### Occupational Radiation Safety

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### Public Radiation Safety

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### Physical Protection

Although the NRC is actively overseeing the Security cornerstone, the Commission has decided that certain findings pertaining to security cornerstone will not be publicly available to ensure that potentially useful information is not provided to a possible adversary. Therefore, the [cover letters](#) to security inspection reports may be viewed.

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# Miscellaneous

Last modified : December 10, 2009