

## RA Drop-in Briefing Sheet - Hatch

Date: August, 20, 2008

### Current Plant Performance

- Unit-1 is in the Licensee Response Column with no greater than Green inspection findings or performance indicators. Cornerstone objectives have been met.
- Unit-2 is in the Regulatory Response Column with one white HPCI MSPI. Cornerstone objectives have been met.
- No substantive cross-cutting issue(s):
- Unit-2 is vulnerable to moving up in the Action Matrix. The white MSPI will be carried until the spring of 2010.

### Key Messages of Themes

- Thoroughness Of Evaluations

Inboard MSIVs not seating properly

*old*  
In 2005 the licensee came to the conclusion the inboard MSIVs unseated during a plant cooldown and this resulted in as-found LLRT failures. Subsequently and as a result of extensive NRC questioning including a TIA, the licensee concluded other factors including seat wear and testing methodology caused the as-found LLRT failures.

1C RHR Pump discharge check valve not seating properly

Multiple attempts were required to get the check valve to seat properly. This resulted in unplanned unavailability of a mitigating system. (Criterion III - Green NCV)

Unit-2 HPCI response to water intrusion (directly resulted in white MSPI)

Two water intrusion events and inadequate water removal efforts resulted in corrosion of the turbine control system. (Criterion XVI - Green Finding)

### **Recent root causes show improvement**

- Tritium Management and Monitoring

Tritiated subsurface water is migrating via a french drain to the Altamaha River. The licensee has permitted the french drain release point and is in compliance with the release permit. Tritium levels at this release point have been consistently above the EPA limit for drinking water. **Recent samples show improved trend.**

1. Organizational issues

None

2. Plant equipment issues

- EDG engine to generator coupling failure and degradation due to component age

SIT exited with a URI, a potential performance deficiency for poor implementation of the coupling inspection requirement. Coupling cracks have been visible for many years but no evaluation or replacement was performed. Significance is potentially greater than green depending on exposure time. The last 24 hour run was June 2006; the last rapid start was June 2008. The residents are developing the basis for which surveillance should determine the starting point for the exposure time. The

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