

From: Widmann, Malcolm
Sent: Wednesday, April 20, 2011 10:14 AM
To: McHale, John
Cc: Franke, Mark; Laska, Gerard; Munro, John; Kolb, Timothy; Vick, Lawrence; Currie, Sean; Muller, David
Subject: FW: Oconee Nuclear Site Simulator Testing
Attachments: 2011apr19 Oconee Nuclear Site Simulator Bravo Testing.docx

Jack; Oconee has requested us to review their test plan for Simulators A & B. I informed that the program office would need to review. Attached is their request with four bullets that they want us to consider for acceptance. The fourth bullet is their bottom line. Allowing credit for performance testing on each simulator on alternating years.

Please advise.

Excerpt from 4/19/2011 letter: (note this letter has not been placed on the docket; email only)

"...Oconee requests the NRC consider for acceptance the following testing and test credit plan:"

- Grandfather of the certified Sim-A malfunction testing credit to Sim-B
Simulation models and initial conditions execute identically without regard to simulator environment Sim-A or Sim-B.
- Relative to changes that involve hardware/software:
 - Hardware - Verification and Validation on both simulators is conducted.
 - Software - Verification and Validation on a single simulator. Acceptance of test credit for both simulators.
- Single simulator SBT testing credit be accepted for both simulators
- Single simulator Annual Testing credit be accepted for both simulators based on the schedule below

ANS 3.5-1998 Section 4.4 states that performance testing shall be conducted in an integrated manner. This requirement precludes taking performance testing credit for having performed tests on the other full-scope simulator.

Proposed annual testing schedule:

<i>Testing Year</i>	<i>Simulator</i>
2011	Sim-B
2012	Sim-A
2013	Sim-B
2014	Sim-A
2015	Sim-B

From: Steely, JR [<mailto:JR.Steely@duke-energy.com>]
Sent: Wednesday, April 20, 2011 9:55 AM
To: Widmann, Malcolm
Cc: Welchel, Keith P; Steely, JR
Subject: Oconee Nuclear Site Simulator Testing

Malcolm,

Attached is a letter detailing our completed testing for Simulator "B" and our plan moving forward. We feel strongly that we are unique with our two identical simulators and that our plan for simulator testing will ensure we meet 10CFR55.46 Simulation Facilities and ANSI/ANS 3.5 1998 (soon to move to 2009).

Please let me know what follow-up questions you have.

Thanks

JR