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U.S. Nuclear Regulatory Commission  
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Southern Nuclear Operating Company  
Vogtle Electric Generating Plant Unit 3  
Completion of ITAAC 2.5.02.13 [Index Number 552]

Ladies and Gentlemen:

In accordance with 10 CFR 52.99(c)(1), this letter is to notify the Nuclear Regulatory Commission (NRC) of the completion of Vogtle Electric Generating Plant (VEGP) Unit 3 Inspection, Test, Analysis and Acceptance Criteria (ITAAC) Item 2.5.02.13 [Index Number 552], for verifying that a report exists and concludes that the process for the use of commercial grade computer hardware and software items in the Protection and Safety Monitoring System (PMS) has requirements for:

- a) Review of supplier design control, configuration management, problem reporting, and change control.
- b) Review of product performance.
- c) Receipt acceptance of the commercial grade item.
- d) Acceptance based on equipment qualification and software validation in the integrated system.

The closure process for this ITAAC is based on the guidance described in NEI 08-01, Industry Guideline for the ITAAC Closure Process Under 10 CFR Part 52, which was endorsed by the NRC in Regulatory Guide 1.215.

This letter contains no new NRC regulatory commitments. Southern Nuclear Operating Company (SNC) requests NRC staff confirmation of this determination and publication of the required notice in the Federal Register per 10 CFR 52.99.

If there are any questions, please contact Paulo Albuquerque at 706-826-5531.

Respectfully submitted,

  
Michael J. Yox  
Regulatory Affairs Director Vogtle 3&4

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3  
Completion of ITAAC 2.5.02.13 [Index Number 552]

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**Southern Nuclear Operating Company  
ND-15-0716  
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3  
Completion of ITAAC 2.5.02.13 [Index Number 552]**

### **ITAAC Statement**

#### **Design Commitment:**

*13. The use of commercial grade computer hardware and software items in the PMS is accomplished through a process that specifies requirements for:*

- a) Review of supplier design control, configuration management, problem reporting, and change control.*
- b) Review of product performance.*
- c) Receipt acceptance of the commercial grade item.*
- d) Acceptance based on equipment qualification and software validation in the integrated system.*

#### **Inspections, Tests, Analyses:**

*Inspection will be performed of the process defined to use commercial grade components in the application.*

#### **Acceptance Criteria:**

*A report exists and concludes that the process has requirements for:*

- a) Review of supplier design control, configuration management, problem reporting, and change control.*
- b) Review of product performance.*
- c) Receipt acceptance of the commercial grade item.*
- d) Acceptance based on equipment qualification and software validation in the integrated system.*

### **ITAAC Determination Basis**

An inspection was performed to demonstrate that the use of commercial grade computer hardware and software items in the Protection and Safety Monitoring System (PMS) is accomplished through a process that specifies requirements for:

- a) Review of supplier design control, configuration management, problem reporting, and change control.
- b) Review of product performance.
- c) Receipt acceptance of the commercial grade item.
- d) Acceptance based on equipment qualification and software validation in the integrated system.

The Process for Use of Commercial Grade Computer Hardware and Software Items in the PMS Technical Report (Reference 1) documents how the Westinghouse processes, procedures, commercial dedication instructions, software program manual, and Independent Verification & Validation (IV&V) Plan fulfill the requirements of this ITAAC through the use of the following:

ITAAC Requirement		Fulfillment
<i>a) Review of Supplier</i>	<i>Design Control</i>	Commercial Grade Survey of supplier
	<i>Configuration Management</i>	Commercial Grade Survey of supplier
	<i>Problem Reporting</i>	Commercial Grade Survey of supplier
	<i>Change Control</i>	Internal procedures for the evaluation of hardware and software changes
<i>b) Review of</i>	<i>Product Performance</i>	Internal procedures for the control of nonconformances
<i>c) Receipt acceptance of</i>	<i>Commercial Grade Item</i>	Internal procedures for inspections
<i>d) Acceptance Based on</i>	<i>Equipment Qualification</i>	Internal procedures for equipment qualification
	<i>Software Validation in the Integrated System</i>	Internal procedures for validation and verification of commercial software

### **ITAAC Finding Review**

In accordance with plant procedures for ITAAC completion, Southern Nuclear Operating Company (SNC) performed a review of all ITAAC findings pertaining to the subject ITAAC and associated corrective actions. This review found that there are no relevant ITAAC findings associated with this ITAAC. The ITAAC completion review is documented in the Vogtle Unit 3 ITAAC Completion Package for ITAAC 2.5.02.13 (Reference 2) and available for NRC inspection.

### **ITAAC Completion Statement**

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.5.02.13 was performed for VEGP Unit 3 and that the prescribed acceptance criteria are met.

Systems, structures, and components verified as part of this ITAAC are being maintained in their as-designed, ITAAC compliant condition in accordance with approved plant programs and procedures.

### **References (available for NRC inspection)**

1. APP-GW-GLR-616, Revision 1, AP1000 Design Certification ITAAC 2.5.02.13: Process for Use of Commercial Grade Computer Hardware and software Items in the PMS Technical Report
2. SVP\_SV0\_003192, Attachment 2, Submittal of Updated Inspections, Test, Analyses and Acceptance Criteria (ITAAC) Completion Package for Unit 3 ITAAC 2.5.02.13 (552) (PMS Commercial Grade Dedication Process)