



**April R. Rice**  
Manager  
New Nuclear Licensing

October 30, 2014  
NND-14-0604  
10 CFR 52.99(c)(1)

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555-0001

Subject: Virgil C. Summer Nuclear Station (VCSNS) Unit 2  
Combined License No. NPF-93  
Docket Number 52-027  
ITAAC Closure Notification for ITAAC 3.1.00.01

Attachments: References

The purpose of this letter is to notify the Nuclear Regulatory Commission (NRC) in accordance with 10 CFR 52.99(c)(1) of the completion of Virgil C. Summer Nuclear Station (VCSNS) Unit 2 Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Item 3.1.00.01 for verifying that the Technical Support Center (TSC) has at least 1875 ft<sup>2</sup> of floor space. The closure process for this ITAAC is based on the guidance described in NEI 08-01 (Reference 1), which was endorsed by the NRC in Regulatory Guide 1.215.

### **ITAAC Statement**

#### **Design Commitment:**

*1. The TSC has floor space of at least 75 ft<sup>2</sup> per person for a minimum of 25 persons.*

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

*An inspection will be performed of the TSC floor space.*

#### **Acceptance Criteria:**

*The TSC has at least 1875 ft<sup>2</sup> of floor space.*

### **ITAAC Determination Basis**

An inspection and dimensional check has been performed to demonstrate that a TSC has been established and meets the requirements of NUREG-0696 (Reference 2). This ITAAC performs inspections of the TSC to verify that it has at least 1875 ft<sup>2</sup> of floor space.

NUREG-0696, Section 2.4 requires the TSC to have a minimum working space provided of approximately 75 ft<sup>2</sup> per person for the personnel assigned to the TSC at maximum level of occupancy. NUREG-0696 also requires the TSC be sized for a minimum of 25 persons, including 20 persons designated by the licensee and 5 NRC personnel.

A licensed professional surveyor performed an inspection and dimensional check of the floor space of the TSC utilizing standard survey techniques in accordance with job specific field instructions. Two independent instruments were utilized to determine the dimensions of the TSC and any obstructions that reduced the floor space were measured and subtracted from the overall floor space area.

The results are documented in a certified survey data report (Reference 3). The floor space of the TSC was determined to be 6324 ft<sup>2</sup> which meets the acceptance criteria of at least 1875 ft<sup>2</sup>.

### **ITAAC Finding Review**

In accordance with plant procedures for ITAAC completion, SCE&G performed a review of all 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 ITAAC Completion Package for ITAAC 3.1.00.01 (Reference 4) and available for NRC inspection.

### **ITAAC Completion Statement**

Based on the above information, SCE&G hereby notifies the NRC that ITAAC 3.1.00.01 was performed for VCSNS Unit 2 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.

We request NRC staff confirmation of this determination and publication of the required notice in the Federal Register per 10 CFR 52.99(e)(1).

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If there are any questions, please contact Ryder Thompson at (803) 941-9812.

Sincerely,



for April R. Rice  
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Nuclear Licensing  
New Nuclear Deployment

RCT/AR/jl

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

1. NEI 08-01, Industry Guideline for the ITAAC Closure Process Under 10 CFR Part 52
2. NUREG-0696, Functional Criteria for Emergency Response Facilities
3. Certified Survey Data for ITAAC-C.3.8.1.5, Emergency Facilities and Equipment
4. ITAAC 3.1.00.01 Completion Package