

**From:** Santos, Cayetano  
**Sent:** Wednesday, June 23, 2021 7:55 AM  
**To:** Vogtle PEmails  
**Subject:** FW: ITAAC 515 Draft vs UIN  
**Attachments:** Draft U3 515 ICN.pdf

---

**From:** Roberts, Kelli Anne <KROBERTS@southernco.com>  
**Sent:** Wednesday, June 23, 2021 7:51 AM  
**To:** Santos, Cayetano <Cayetano.Santos@nrc.gov>; Welch, Christopher <Christopher.Welch@nrc.gov>  
**Cc:** Rankin, Jennie <Jennivine.Rankin@nrc.gov>  
**Subject:** [External\_Sender] ITAAC 515 Draft vs UIN

Please use the attached to facilitate tomorrow's discussion regarding draft U3 ICN 515, which shows the additions SNC would like to discuss (excludes UIN to ICN formatting changes like tense and reference #s).

Thanks,

---

**Kelli Roberts | Southern Nuclear Operating Company**  
Vogtle 3&4 ITAAC Manager  
phone: 706.848.6991 | mobile: 229.942.7383 | [kroberts@southernco.com](mailto:kroberts@southernco.com)

**Hearing Identifier:** Vogtle\_COL\_Docs\_Public  
**Email Number:** 614

**Mail Envelope Properties** (MN2PR09MB52444758821AE57EEAA9E48AE5089)

**Subject:** FW: ITAAC 515 Draft vs UIN  
**Sent Date:** 6/23/2021 7:54:35 AM  
**Received Date:** 6/23/2021 7:54:40 AM  
**From:** Santos, Cayetano

**Created By:** Cayetano.Santos@nrc.gov

**Recipients:**  
"Vogtle PEmails" <Vogtle.PEmails@usnrc.onmicrosoft.com>  
Tracking Status: None

**Post Office:** MN2PR09MB5244.namprd09.prod.outlook.com

Files	Size	Date & Time
MESSAGE	755	6/23/2021 7:54:40 AM
Draft U3 515 ICN.pdf	186061	

**Options**  
**Priority:** Normal  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**

## **ITAAC Statement**

### **Design Commitment**

3.e) The sensors identified on Table 2.5.1-3 are used for DAS input and are separate from those being used by the PMS and plant control system.

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

Inspection of the as-built system will be performed.

### **Acceptance Criteria**

The sensors identified on Table 2.5.1-3 are used by DAS and are separate from those being used by the PMS and plant control system.

## **ITAAC Determination Basis**

Inspection of the as-built Diverse Actuation System (DAS) was performed to demonstrate that the sensors identified in Combined License (COL) Appendix C Table 2.5.1-3 (Attachment A) are used for DAS input and are separate from those being used by the Protection and Safety Monitoring System (PMS) and plant control system.

The DAS System Specification Document (Reference 1) requires that the sensors identified in Attachment A be used for DAS input and are separate and independent from the sensor inputs in the PMS and plant control system. Construction drawing SV3-DAS-J0-001, (Reference 2), illustrates the DAS sensor flow and indication architecture. An inspection of [Quality Release and Certificate of Conformance documentation, construction drawings, and](#) completed construction records was performed in accordance with [Procedure XXXSV3-DAS-ITR-800515](#) (Reference 3), to confirm that the sensors identified in Attachment A were installed per the DAS sensor input requirements of References 1 and 2 and are separate from those being used by the PMS and plant control system. [The inspection of the DAS Core Exit Temperature sensors was performed at the manufacturer prior to shipment to the plant site in accordance with NEI 08-01 \(Reference 4\) Section 9.5 because these sensors will be not installed in their final as-built location until core fuel load.](#)

The inspection results are documented in Reference 3 and confirm that the sensors identified in Attachment A are used by DAS and are separate from those being used by the PMS and plant control system.

References 1, 2, and 3 are available for NRC inspection as part of the Unit 3 ITAAC 2.5.01.03e Completion Package (Reference 5).