

Example D39 - Inspection of RMS Monitors ITAAC Closure Notification

XX/YY/ZZZZ (Date)

To: NRC

From: {Name of Licensee}
{Site Name and Unit #}
{Docket #}

Subject: Completion of ITAAC 3.5 00.05

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 {Site Name and Unit #} Inspections, Tests, Analyses and Acceptance Criteria (ITAAC) Item 3.5 00.05 for verifying that the Radiation Monitoring System (RMS) process radiation monitors exist as listed in the Design Description in Tier 1 Section 3.5 Table 3.5-2 of the DCD. The closure process for this ITAAC is based on the guidance described in NEI 08-01 (Reference 1).

ITAAC Statement

Design Commitment:

The process radiation monitors listed in Table 3.5-2 are provided.

Inspections, Tests, Analyses:

Inspection for the existence of the monitors will be performed.

Acceptance Criteria:

Each of the monitors listed in Table 3.5-2 exists.

ITAAC Determination Basis

An inspection of the as-built RMS was performed to demonstrate that the process radiation monitors listed in Table 3.5-2 of the Design Control Document (DCD) are provided.

Walkdown inspections of the as-built RMS were conducted between construction and pre-operational testing to confirm that the process radiation monitors listed in DCD Table 3.5-2 exist in the component locations indicated in DCD Table 3.5-7 as identified in Attachment 1.

Inspection Plan XXX-XX (Reference 2) was used to conduct the inspection, which involved visual observations of the process radiation monitors listed in DCD Table 3.5-2 and verification that the monitors are installed in their specified locations. The results of the inspection are documented in Reference 3.

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The inspections confirmed that each process radiation monitor listed in DCD Table 3.5-2 was present in its proper location as shown in DCD Table 3.5-7. The inspection verified that the process radiation monitors listed in DCD Table 3.5-2 exist.

ITAAC Finding Review

In accordance with XXX-XXX-XXX (project specific procedure for ITAAC completion), {Licensee} 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-related construction findings associated with this ITAAC. The ITAAC completion review is documented in the ITAAC Completion Package for ITAAC 3.5 00.05 (Reference 4) and available for NRC review.

ITAAC Completion Statement

Based on the above information, [Licensee] hereby notifies the NRC that ITAAC 3.5.00.05 was performed, and that the prescribed acceptance criteria are met.

Systems, structures and components verified as part 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.

If there are any questions, please contact XXX at xxx-xxx-xxxx.

Sincerely,

{Signature of Licensee Representative}
{Typed Name of Licensee Representative}
{Title of Licensee Representative}

References (available for NRC Inspection)

1. NEI 08-01, Industry Guideline for the ITAAC Closure Process Under 10 CFR Part 52.
2. XXX-XX, Inspection Plan
3. YYY-YY, Inspection Results Report
4. ITAAC 3.5 00.05 Completion Package

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Attachment 1
PROCESS RADIATION MONITOR LOCATIONS
(From AP1000 DCD Tables 3.5-2 and 3.5-7)

Process Radiation Monitors		
Equipment List	Equipment No.	Location
Steam Generator Blowdown	BDS-RE010	Turbine Building
Steam Generator Blowdown	BDS-RE011	Turbine Building
Component Cooling Water	CCS-RE001	Turbine Building
Main Steam Line	SGS-RY026	Auxiliary Building
Main Steam Line	SGS-RY027	Auxiliary Building
Service Water Blowdown	SWS-RE008	Turbine Building
Primary Sampling System Liquid Sample	PSS-RE050	Auxiliary Building
Primary Sampling System Gaseous Sample	PSS-RE052	Auxiliary Building
Containment Air Filtration Exhaust	VFS-RE001	Auxiliary Building
Gaseous Radwaste Discharge	WGS-RE017	Auxiliary Building