

Example D53 – Simulated Signal Causes WLS Isolation Valve to Actuate ITAAC Closure Notification

XX/YY/ZZZZ (Date)

To: NRC

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

Subject: Completion of ITAAC 2.3 10.07b

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 2.3 10.07b to verify that a simulated high radiation signal causes the discharge control isolation valve WLS-PL-V223 to close. The closure process for this ITAAC is based on the guidance described in NEI 08-01 (Reference 1).

ITAAC Statement

Design Commitment:

The WLS provides the nonsafety-related function of controlling releases of radioactive materials in liquid effluents.

Inspections, Tests, Analyses:

Tests will be performed to confirm that a simulated high radiation signal from the discharge radiation monitor, WLS-RE-229, causes the discharge isolation valve WLS-PL-V223 to close.

Acceptance Criteria:

A simulated high radiation signal causes the discharge control isolation valve WLS-PL-V223 to close.

ITAAC Determination Basis

Tests were performed to demonstrate that the Liquid Radwaste System (WLS) provides the nonsafety-related function of controlling releases of radioactive materials in liquid effluents.

Testing, using Preoperational Test Procedure APP-WLS-T1P-501 (Reference 3), simulated a high radiation signal from the discharge radiation monitor, WLS-RE-229, sent to the plant control system. Local inspection then verified discharge isolation valve (WLS-PL-V223) closed

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automatically on the simulated high radiation signal from the discharge radiation monitor, WLS-RE-229.

The Test Results Report (TRR) (Reference 3) confirmed that a simulated high radiation signal causes the discharge control isolation valve, WLS-PL-V223, to close.

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 findings associated with this ITAAC. The ITAAC completion review is documented in ITAAC Completion Package for ITAAC 2.3 10.07b (Reference 2) and available for NRC inspection.

ITAAC Completion Statement

Based on the above information, [Licensee] hereby notifies the NRC that ITAAC 2.3 10.07b was performed for Plant/Unit XYZ, 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. ITAAC 2.3 10.07b Completion Package
3. Completed Preoperational Test Procedure APP-WLS-T1P-501 which includes the associated Test Results Report (TRR)

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