

Example D54 – Crane Single Failure Proof Testing ITAAC Closure Notification

XX/YY/ZZZZ (Date)

To: NRC

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

Subject: Completion of ITAAC 2.3.05.03a.ii

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 2.3.05.03a.ii to verify that the polar crane shall be static-load tested to 125% of the rated load. The closure process for this ITAAC is based on the guidance described in NEI 08-01 (Reference 1).

ITAAC Statement

Design Commitment:

3a) *The polar crane is single failure proof.*

Inspections, Tests, Analyses:

ii) *Testing of the polar crane is performed.*

Acceptance Criteria:

ii) *The polar crane shall be static-load tested to 125% of the rated load.*

ITAAC Determination Basis

Multiple ITAAC are performed to verify that the polar crane is single failure proof. The subject ITAAC performs static load testing to verify the crane can support 125% of the rated load.

Testing was performed in accordance with Preoperational Test Procedure XXX-MHS-T1P-XXX (Reference 3) with a load equal to 125% of the crane's rated load. The main hoist was tested to verify no drift downward after stopping. The load was successfully supported under these conditions.

The test results are documented in the approved Preoperational Test Procedure XXX-MHS-T1P-XXX, and confirm that the polar crane was static-load tested to 125% of the rated load.

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

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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 2.3.05.03a.ii (Reference 2) and available for NRC inspection.

ITAAC Completion Statement

Based on the above information, [Licensee] hereby notifies the NRC that ITAAC 2.3.05.03a.ii 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.

[Licensee] 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 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 2.3.05.03a.ii Completion Package
3. Approved Preoperational Test Procedure XXX-MHS-T1P-XXX, which includes the Test Results Report