

Example D102 – As-Built Auxiliary Building Room Boundaries Flood Barrier ITAAC Closure Notification

XX/YY/ZZZZ (Date)

To: NRC

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

Subject: Completion of ITAAC 3.3.00.05b

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 3.3.00.05b for verifying that floors and walls as identified on ITAAC Table 3.3-2 have provisions to prevent flooding between rooms. The closure process for this ITAAC is based on the guidance described in NEI 08-01 (Reference 1).

ITAAC Statement

Design Commitment:

The boundaries between rooms identified in Table 3.3-2 of the auxiliary building are designed to prevent flooding of rooms that contain safety-related equipment.

Inspections, Tests, Analyses:

An inspection of the auxiliary building rooms will be performed.

Acceptance Criteria:

A report exists that confirms floors and walls as identified on Table 3.3-2 have provisions to prevent flooding between rooms up to the maximum flood levels for each room defined in Table 3.3-2.

ITAAC Determination Basis

An inspection of the auxiliary building rooms was performed to demonstrate that the boundaries between auxiliary building rooms identified in ITAAC Table 3.3-2 (Attachment 1) are designed to prevent flooding of rooms that contain safety-related equipment. The inspection was performed in accordance with Inspection Plan XYZ (Reference 2) to document the existence of provisions to prevent flooding between rooms via openings or penetrations below the maximum flood levels for the rooms indicated in ITAAC Table 3.3-2. A visual inspection was performed of the floors and walls of each of the rooms included in ITAAC Table 3.3-2. As part of this visual inspection, all openings and penetrations through these boundaries below the maximum

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flood level were documented. Each opening or penetration located below the maximum flood levels was then inspected to ensure that watertight doors, penetration seals or other provisions specified in the design documents to prevent flooding from the flooding source to the adjacent rooms were installed as required. The results of the visual inspection of the floors and walls were recorded in accordance with Reference 2 and the results documented in Reference 3. The inspection results compiled into Reference 3 confirm that floors and walls as identified on ITAAC Table 3.3-2 have provisions to prevent flooding between rooms up to the maximum flood levels for each room defined in Table 3.3-2.

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 3.3.00.05b (Reference 4) and available for NRC inspection.

ITAAC Completion Statement

Based on the above information, [Licensee] hereby notifies the NRC that ITAAC 3.3.00.05b 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}

Attachment

References (available for NRC inspection)

1. NEI 08-01, Industry Guideline for the ITAAC Closure Process Under 10 CFR Part 52.
2. Inspection Plan XYZ, "Inspection of the Auxiliary Building Rooms for Flood Prevention Provisions"
3. Inspection Report(s) XXX
4. ITAAC 3.3 00.05b Completion Package

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Attachment 1 (ITAAC Table 3.3-2)

Table 3.3-2 Nuclear Island Building Room Boundaries Required to Have Flood Barrier Floors and Walls		
Boundary/ Maximum Flood Level (inches)	Between Room Number to Room Number	
	Room with Postulated Flooding Source	Adjacent Room
Floor/36	12306	12211
Floor/3	12303	12203/12207
Floor/3	12313	12203/12207
Floor/1	12300	12201/12202/12207 12203/12204/12205
Floor/3	12312	12212
Wall/36	12306	12305
Floor/1	12401	12301/12302/12303 12312/12313
Wall/1	12401	12411/12412
Floor/36	12404	12304
Floor/4	12405	12305
Floor/36	12406	12306
Wall/36	12404	12401
Wall/1	12421	12452
Floor/3	12501	12401/12411/12412
Floor/3	12555	12421/12423/12422
Wall/36	12156/12158	12111/12112