

# NRC INSPECTION MANUAL

CIPB

## INSPECTION MANUAL CHAPTER 2522 APPENDIX A

### CONSTRUCTION REACTOR OVERSIGHT PROCESS SELF-ASSESSMENT METRICS

#### 2522A-01 INSPECTION PROGRAM METRICS

IP-1 Inspection Reports are Issued Within **Timeliness Requirements**

Definition: Audit 100% of **reactor construction** inspection reports **issued during the calendar year** in relation to the inspection **report** timeliness requirements in IMC 0613, **“Power Reactor Construction Inspection Reports.”**

Criteria: **The acceptance criteria is that at least 90% of reactor construction** inspection reports **issued during the calendar year** meet the inspection report timeliness requirements in IMC 0613.

Lead: NRO/DCIP (**CIPB**)

Goals Supported: Objective, Risk-Informed, Predictable, Effective, Open

NOTE: For inspections not conducted by a resident inspector, inspection completion is normally defined as the day of the final exit meeting. For resident inspector and integrated inspection reports, inspection completion is normally defined as the last day covered by the inspection report.

IP-2 NRC's Response to Technical Assistance Requests (TAR) Is Timely

Definition: Audit 100% of TARs completed in the **calendar year in relation to the TAR timeliness requirements in NRO Office Instruction NRO-COM-108, “NRO Construction Inspection Interfaces with Region II.”**

Criteria: **The acceptance criteria is that at least 90% of TARs are** closed **during the calendar year** within **TAR** timeliness goals outlined in NRO-COM-108.

Lead: NRO/DCIP (CIPB)

Goals Supported: Objective, Risk-Informed, Understandable, Open, Effective

#### 2522A-02 SIGNIFICANCE DETERMINATION PROCESS METRICS

SDP-1 SDP Results Are Predictable and Repeatable

Definition: Audit 100% of construction inspection program inspection findings issued during the calendar year against the significance determination process in IMC 2519, "Construction Significance Determination Process," and its appendices.

Criteria: The acceptance criteria is that at least 90% of the construction inspection program inspection findings issued during the calendar year contain adequate detail to enable an independent auditor to trace through the significance determination process in IMC 2519 and its appendices and reach the same significance color characterization.

Lead: NRO/DCIP (CIPB)

Goals Supported: Risk-Informed, Predictable

SDP-2 Appeals of SDP Results

Definition: Track the total number of appeals of final SDP results during the calendar year.

Criteria: The acceptance criteria is that there are zero appeals of SDP significance that result in a final determination being overturned during the calendar year.

Lead: Regions, NRO/DCIP (CIPB)

Goals Supported: Risk-Informed, Objective, Predictable, Understandable, Open

## 2522A-03 ASSESSMENT PROGRAM METRICS

AS-1 Deviations from the Construction Action Matrix

Definition: Audit all assessment-related letters during the calendar year and count the number of deviations from the Construction Action Matrix.

Criteria: The acceptance criteria is that there are zero deviations from the Construction Action Matrix during the calendar year.

Lead: NRO/DCIP (CIPB)

Goals Supported: Objective, Risk-Informed, Open

AS-2 Assessment Program Results (Assessment Reviews, Assessment Letters and Public Meetings) Are Completed in a Timely Manner

Definition: Audit 100% of Assessment Reviews, Assessment Letters and Public Meetings issued/conducted during the calendar year in relation to the timeliness requirements in IMC 2505, "Periodic Assessment of Construction Inspection Program Results."

Criteria: The acceptance criteria is that at least 90% of the timeliness goals for the assessment process are met during the calendar year.

Lead: Region, NRO/DCIP (CIPB)  
Goals Supported: Effective, Open, Predictable

### AS-3 Timeliness of Supplemental Inspections

Definition: Count the number of instances during the calendar year where a finding was held open for more than six months due to the need to complete the supplemental inspection.

Criteria: The acceptance criteria is that there are no instances during the calendar year when a supplemental inspection has not been completed within six months for which the licensee had indicated they were prepared for the inspection.

Lead: Region, NRO/DCIP (CIPB)  
Goals Supported: Effective, Predictable

### AS-4 Degradations in Quality of Construction are Gradual and Allow Adequate Agency Engagement of the Licensee

Definition: Track the number of instances during the calendar year in which a construction sites moves more than one column to the right in the Construction Action Matrix.

Criteria: The acceptance criteria is that there are no instances during the calendar year in which performance issues cause a construction site to move more than one column to the right in the Construction Action Matrix.

Lead: NRO/DCIP (CIPB)  
Goals Supported: Risk-Informed, Predictable

## 2522A-04 ITAAC METRICS

### ITA-1 Analysis of ITAAC Reopened After Closure Verification

Definition: Audit 100% of ITAAC that are reopened after closure verification during the calendar year.

Criteria: The acceptance criteria is that there are no ITAAC that have been verified as having been met that are reopened during the calendar year because of a deficiency in the process that was within the NRC's ability to identify before closure verification.

Lead: NRO/DCIP (CIPB, HOIB)

Goals Supported: Effective, Risk-Informed

## 2522A-05 OVERALL cROP METRICS

### O-1 Analysis of NRC's Responses to Significant Events

Definition: Review 100% of incident investigation teams (IITs) and augmented inspection teams (AITs) inspection reports that are issued during the calendar year to determine if major programmatic voids were identified during the cROP review portion of IITs and AITs.

Criteria: The acceptance criteria is that there are no major programmatic voids identified during the cROP review portion of IITs and AITs.

Lead: NRO/DCIP (CIPB)

Goals Supported: Effective, Predictable

END

Attachment 1: Revision History Table

Attachment 1 - Revision History for IMC 2522 Appendix A

Commitment Tracking Number	Accession Number Issue Date Change Notice	Description of Change	Description of Training Required and Completion Date	Comment and Feedback Resolution Accession Number (Pre-Decisional, Non-Public)
N/A	ML12289A041 11/30/2012 CN 12-027	This is the initial issuance of this Inspection Manual Chapter. Completed a four year search for commitments and found none.	N/A	ML12289A040
N/A	ML16265A194 10/19/16 CN 16-027	Removed metric ITA-1. This metric measured performance that is not part of the cROP baseline inspection program and was not useful for the cROP self-assessment. Updated other metrics to better reflect their definitions and acceptance criteria. Updated responsible branch names due to recent reorganizations that resulted in new branch names and responsibilities.	N/A	ML16265A195