




UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

March 9, 2023

MEMORANDUM TO: Russell Felts, Director
Division of Reactor Oversight
Office of Nuclear Reactor Regulation

FROM: Philip J. McKenna, Chief  Signed by McKenna, Philip
Reactor Assessment Branch on 03/09/23
Division of Reactor Oversight
Office of Nuclear Reactor Regulation

SUBJECT: REACTOR OVERSIGHT PROCESS PERFORMANCE METRIC
REPORT FOR CALENDAR YEAR 2022

The Reactor Oversight Process (ROP) self-assessment (SA) program evaluates the ROP effectiveness by measuring its success in meeting its pre-established ROP goals and intended outcomes. The staff performed the calendar year (CY) 2022 performance metric analysis in accordance with Inspection Manual Chapter (IMC) 0307, "Reactor Oversight Process Self-Assessment Program," effective May 3, 2022 (ML21341B399) and IMC 0307 Appendix A, "Reactor Oversight Process Self-Assessment Metrics," effective June 1, 2020 (ML19274C401).

Under Element 1 of the ROP SA process in IMC 0307, the staff measures the implementation of the current ROP program using objective and measurable performance metrics. Each ROP performance metric is aligned with a specific Principle of Good Regulation: independence (I), openness (O), efficiency (E), clarity (C), or reliability (R). Each metric listed in IMC 0307, Appendix A, has a pre-established definition and pre-established thresholds to categorize the results of each metric as either green, yellow, or red. If a metric is green, it meets or exceeds expected performance; if yellow, it warrants further evaluation and potential staff action to correct; and if red, it represents unexpected performance and warrants further evaluation and likely staff action to address the cause. Additional discussion of any CY 2022 metrics evaluated as yellow or red can be found in the annual ROP SA SECY, to which this report is an input.

The staff's detailed evaluation of the ROP performance metrics for CY 2022 can be found in the enclosure. Overall, the staff found that of the 17 evaluated ROP performance metrics: 13 were green, 2 were yellow, and 2 were red. The staff did not evaluate ROP metric O-4 for CY 2022; this metric is also discussed in the enclosure. The two red metrics were both previously evaluated as red for CY 2020 and CY 2021, and both showed significant improvement relative to CY 2020 and CY 2021.

Enclosure:
CY 2022 ROP SA Metrics Overview and Report

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SUBJECT: REACTOR OVERSIGHT PROCESS PERFORMANCE METRIC REPORT FOR
CALENDAR YEAR 2022 DATED MARCH 9, 2023

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