



## **POLICY ISSUE** **(Notation Vote)**

February 28, 2025

SECY-25-0016

FOR: The Commissioners

FROM: Mirela Gavrilas, PhD  
Executive Director for Operations

SUBJECT: REPORT TO CONGRESS ON ABNORMAL OCCURRENCES:  
FISCAL YEAR 2024

PURPOSE:

To obtain Commission approval to submit to Congress the "Report to Congress on Abnormal Occurrences: Fiscal Year (FY) 2024" [FY 2024 AO Report to Congress]. This paper does not address any new resource implications.

BACKGROUND:

Section 208 of the Energy Reorganization Act of 1974, as amended (Public Law 93-438), defines an abnormal occurrence (AO) as an unscheduled incident or event that the U.S. Nuclear Regulatory Commission (NRC) determines to be significant from the standpoint of public health or safety. The Federal Reports Elimination and Sunset Act of 1995 (Public Law 104-66) modified the reporting frequency to require the NRC to report AOs to Congress annually. Enclosure 1 to this paper is a draft of the FY 2024 AO Report to Congress (NUREG-0090, Volume 47). Enclosure 2 to this paper is a draft congressional transmittal letter for the FY 2024 AO Report to Congress.

DISCUSSION:

The enclosed draft report describes the eight events that met the AO criteria for FY 2024.

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One event involved an NRC licensee, and the remaining seven events involved Agreement State licensees. Of the eight events, seven AOs were medical events as defined in Title 10 of the *Code of Federal Regulations* (10 CFR) Part 35, "Medical Use of Byproduct Material." The other AO involved two of the AO criteria: (1) a substantial breakdown of physical security, cybersecurity, or material control and accountability programs that significantly weakens protection against loss, theft, diversion, or sabotage, and (2) a serious safety-significant deficiency in management or procedural controls. No events at commercial nuclear power plants met the AO criteria.

All eight events identified as AOs in FY 2024 meet the criteria for AO categorization, as defined in Appendix A, "Abnormal Occurrence Criteria," to the report. The NRC did not identify any events during FY 2024 that met the guidelines for inclusion in Appendix B, "Other Events of Interest."

Appendix C, "Updates on Previously Reported Abnormal Occurrences," gives updates on previously reported AOs if the events remained open when the previous FY's report was prepared or if significant new information has become available. For this reporting period, Appendix C contains updates on two events: AO AS23-07, "Medical Event at Baptist Health Medical Center, Little Rock, Arkansas," and AO NRC23-02, "Medical Event at Henry Ford Hospital, Detroit, Michigan."

Appendix D, "Glossary," defines terms used throughout the report. Appendix E, "Conversion Table," presents conversions commonly used when calculating doses.

#### RECOMMENDATION:

The NRC staff recommends that the Commission approve the enclosed draft FY 2024 AO Report to Congress and the proposed letters forwarding the report to Congress.

After receiving Commission approval to proceed, the staff will submit letters to the NRC's Office of Congressional Affairs to transmit the report to the Speaker of the U.S. House of Representatives, the President of the U.S. Senate, and the NRC's oversight committees. The Office of Congressional Affairs will then arrange for appropriate distribution to Congress. The NRC staff will also issue a *Federal Register* notice announcing publication of the report.

#### RESOURCES:

No additional budgetary resources are requested for this effort.

COORDINATION:

The Office of the General Counsel has reviewed the draft FY 2024 AO Report to Congress and has no legal objection.



Mirela Gavrilas, PhD  
Executive Director  
for Operations

Enclosures:

1. NUREG-0090, Volume 47, "Report to Congress on Abnormal Occurrences: Fiscal Year 2024"
2. FY 2024 Letter to Congress on AOs

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2024: DATED: February 28, 2025

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