



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION IV
1600 EAST LAMAR BOULEVARD
ARLINGTON, TEXAS 76011-4511

September 26, 2022

Mr. Joseph Sullivan
Site Vice President
Entergy Operations, Inc
N-TSB-58
1448 S.R. 333
Russellville, AR 72802-0967

SUBJECT: ARKANSAS NUCLEAR ONE NRC SPECIAL INSPECTION REACTIVE REPORT
05000313/2022050 AND 05000368/2022050

Dear Mr. Sullivan:

On August 2, 2022, the U.S. Nuclear Regulatory Commission (NRC) completed its initial on-site assessment of the loss of security power, which occurred on July 19, 2022, at Arkansas Nuclear One. On August 24, 2022, after additional in-office document review and staff interviews, the NRC completed its Special Inspection and discussed the results of this inspection with you and other members of your staff. The results of this inspection are documented in the enclosed report.

One finding of very low safety significance (Green) is documented in this report. This finding involved a violation of NRC requirements. We are treating this violation as a non-cited violation (NCV) consistent with Section 2.3.2 of the Enforcement Policy.

If you contest the violation or the significance or severity of the violation documented in this inspection report, you should provide a response within 30 days of the date of this inspection report, with the basis for your denial, to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001; with copies to the Regional Administrator, Region IV; the Director, Office of Enforcement; and the NRC Resident Inspector at Arkansas Nuclear One.

If you disagree with a cross-cutting aspect assignment in this report, you should provide a response within 30 days of the date of this inspection report, with the basis for your disagreement, to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001; with copies to the Regional Administrator, Region IV; and the NRC Resident Inspector at Arkansas Nuclear One.

This letter will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with Title 10 of the Code of Federal Regulations 2.390, "Public Inspections, Exemptions, Requests for Withholding."

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The enclosed report contains Security-Related Information, so the enclosed report will not be made publicly available in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390(d)(1). If you choose to provide a response that contains Security-Related Information, please mark your entire response “Security-Related Information–Withhold from public disclosure under 10 CFR 2.390” in accordance with 10 CFR 2.390(d)(1) and follow the instructions for withholding in 10 CFR 2.390(b)(1). The NRC is waiving the affidavit requirements for your response in accordance with 10 CFR 2.390(b)(1)(ii).

Sincerely,



Signed by Kellar, Ray
on 09/26/22

Ray L. Kellar, P.E., Chief
Physical Security Branch
Division of Radiological Safety & Security

Docket Nos. 05000313, 05000368
License Nos. DPR-51, NPF-6

Enclosures:

Inspection Report 05000313/2022050 AND 05000368/2022050

Attachment:

SPECIAL INSPECTION CHARTER TO EVALUATE THE ELECTRIC POWER FAILURE OF
THE SECURITY SAFEGUARDS SYSTEM AT ARKANSAS NUCLEAR ONE

cc w/ encl: Distribution via LISTSERV

**“Enclosure transmitted here with contains SUNSI. When separated from enclosure, this
transmittal document is decontrolled.”**

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ARKANSAS NUCLEAR ONE SPECIAL INSPECTION REACTIVE REPORT 05000313/2022050 AND 05000368/2022050 DATED SEPTEMBER 26, 2022.

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DOCUMENT NAME: ARKANSAS NUCLEAR ONE SPECIAL INSPECTION REACTIVE REPORT 05000313/2022050 AND 05000368/2022050

Non-Public Designation Category: MD 3.4 Non-Public _____ (A.3 - A.7 or B.1)

ADAMS ACCESSION NUMBER: **ML22259A151** (Cover letter w/ enclosure(s))

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