



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

June 9, 2021

Mr. Joel P. Gebbie
Senior VP and Chief Nuclear Officer
Indiana Michigan Power Company
Nuclear Generation Group
One Cook Place
Bridgman, MI 49106

SUBJECT: DONALD C. COOK NUCLEAR PLANT – SECURITY BASELINE INSPECTION
REPORT 05000315/2021402 AND 05000316/2021402

Dear Mr. Gebbie:

On May 11, 2021, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Donald C. Cook Nuclear Plant 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.

No findings or violations of more than minor significance were identified during this inspection.

This letter, its enclosure, and your response (if any) 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."

Sincerely,

/RA/

Steven K. Orth, Chief
Plant Support Branch
Division of Reactor Safety

Docket Nos. 05000315 and 05000316
License Nos. DPR-58 and DPR-74

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV®

Letter to Joel P. Gebbie from Steven K. Orth dated June 9, 2021.

SUBJECT: DONALD C. COOK NUCLEAR PLANT – SECURITY BASELINE INSPECTION
REPORT 05000315/2021402 AND 05000316/2021402

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U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report

Docket Numbers: 05000315 and 05000316

License Numbers: DPR-58 and DPR-74

Report Numbers: 05000315/2021402 and 05000316/2021402

Enterprise Identifier: I-2021-402-0063

Licensee: Indiana Michigan Power Company Nuclear Generation Group

Facility: Donald C. Cook Nuclear Plant

Location: Bridgman, MI 49106

Inspection Dates: March 08, 2021 to May 11, 2021

Inspectors: J. Gilliam, Project Engineer
M. Ziolkowski, Senior Physical Security Inspector

Approved By: Steven K. Orth, Chief
Plant Support Branch
Division of Reactor Safety

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a security baseline inspection at Donald C. Cook Nuclear Plant, in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information.

List of Findings and Violations

No findings or violations of more than minor significance were identified.

Additional Tracking Items

None.

INSPECTION SCOPES

Unless otherwise noted, baseline security inspections were conducted in accordance with the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter 2201, "Security Inspection Program for Commercial Nuclear Power Reactors." The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards. Publicly available IPs are located at: <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/insp-procedure/index.html>.

SAFEGUARDS

71130.05 - Protective Strategy Evaluation

The inspectors evaluated the licensee's protective strategy through completion of the following procedure elements:

Protective Strategy Evaluation (2 Partials)

- (1) (Partial)
Protective Strategy Evaluation
 - Tier I: 02.01 d, k
 - Tier II: 02.05 a; 02.06 a
 - Tier III: 02.09 a
- (2) (Partial)
Performance Evaluation Program
 - Tier I: 02.04 b, c
 - Tier II: 02.07 a, b, d
 - Tier III: 02.11 a

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

The inspectors verified no proprietary information was retained or documented in this report.

- On May 11, 2021, the inspectors presented the security baseline inspection results to Joel Gebbie and other members of the licensee staff.

DOCUMENTS REVIEWED

| Inspection Procedure | Type | Designation | Description or Title | Revision or Date |
|----------------------|---------------|-------------|---|------------------|
| 71130.05 | Miscellaneous | | D.C. Cook Nuclear Power Plant Security Plan | 19 |