



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

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

October 4, 2018

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 POWER PLANT, UNITS 1 AND 2  
NRC SECURITY BASELINE INSPECTION REPORT 05000315/2018411;  
05000316/2018411

Dear Mr. Gebbie:

On August 23, 2018, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your Donald C. Cook Nuclear Power Plant, Units 1 and 2. On August 30, 2018, the NRC inspectors discussed the results of this inspection with Mr. Lies and other members of your staff. The results of this inspection are documented in the enclosed inspection report.

The NRC inspectors did not identify any finding or violation of more-than-minor significance.

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* (CFR), Part 2.390, "Public Inspections, Exemptions, Requests for Withholding."

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).

J. Gebbie

-2-

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

*/RA/*

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

Docket Nos. 50-315; 50-316  
License Nos. DPR-58; DPR-74

cc: Distribution via LISTSERV®

Letter to Joel P. Gebbie from Steven K. Orth dated October 4, 2018.

SUBJECT: DONALD C. COOK NUCLEAR POWER PLANT, UNITS 1 AND 2  
NRC SECURITY BASELINE INSPECTION REPORT 05000315/2018411;  
05000316/2018411

DISTRIBUTION:

Christopher Cook  
RidsNrrDorLpl3  
RidsNrrPMDCCook Resource  
RidsNrrDirslrib Resource  
Steven West  
Darrell Roberts  
Richard Skokowski  
Allan Barker  
DRPIII  
DRSIII  
[ROPreports.Resource@nrc.gov](mailto:ROPreports.Resource@nrc.gov)

ADAMS Accession Number: ML18282A329

OFFICE	RIII	RIII				
NAME	MZiolkowski:cl	SOrth				
DATE	10/03/18	10/04/18				

**OFFICIAL RECORD COPY**

U.S. NUCLEAR REGULATORY COMMISSION

REGION III

Docket Numbers: 50-315; 50-316

License Numbers: DPR-58; DPR-74

Report Numbers: 05000315/2018411; 05000316/2018411

Enterprise Identifier: I-2018-411-0039

Licensee: Indiana Michigan Power Company

Facility: Donald C. Cook Nuclear Power Plant, Units 1 and 2

Location: Bridgman, MI

Dates: August 13, 2018, through August 23, 2018

Inspectors: G. Hansen, Senior Emergency Preparedness Inspector  
M. Ziolkowski, Physical Security Inspector  
N. Fields, Health Physicist

Approved by: S. Orth, Chief  
Plant Support Branch  
Division of Reactor Safety

## **SUMMARY**

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring licensee's performance by conducting a Security Baseline Inspection at Donald C. Cook Nuclear Plant, Units 1 and 2, 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 were identified.

### **Additional Tracking Items**

None

## **INSPECTION SCOPES**

Inspections were conducted using the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection unless otherwise noted. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter (IMC) 2515, "Light-Water Reactor Inspection Program - Operations Phase." 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.

## **SAFEGUARDS**

### 71130.01—Access Authorization (1 Sample)

The inspectors evaluated the Security Access Authorization Program. The following elements were evaluated:

- Tier I: All
- Tier II: 02.05 (a-c), 02.06 (a-c), 02.08 (a)
- Tier III: 02.11 (a), 02.12 (a-b)

### 71130.04—Equipment Performance, Testing, and Maintenance (1 Sample)

The inspectors evaluated the Security Testing and Maintenance Program. The following elements were evaluated:

- Tier I: All
- Tier II: (02.09a, b; 02.10a; 02.11a; 02.12.a; 02.13a)
- Tier III: (02.14; 02.15a, c)

### 71130.14—Review of Power Reactor Target Sets Security Training (1 Sample)

The inspectors evaluated the Security Target Set Program. The following elements were evaluated:

- Requirements: 02.02 (a-d, f), 02.03, 02.04 (a-b), 02.05

## **OTHER ACTIVITIES—BASELINE**

None

## **INSPECTION RESULTS**

No findings or violations were identified.

## **EXIT MEETINGS AND DEBRIEFS**

The inspectors confirmed that proprietary information was controlled to protect from public disclosure. No proprietary information was documented in this report.

- On August 30, 2018, the inspectors presented the inspection results to Mr. Lies and other members of the licensee staff.

## **DOCUMENTS REVIEWED**

### 71130.01—Access Authorization

- PMP-2060-ACS-002; Access Authorization Program; Revision 25
- PMP-2060-ACS-003; In-Processing / Out Processing Program; Revision 15
- PMP-2060-SFI-420; Access Authorization Investigation Elements; Revision 10
- PMP-2060-SFI-422; Unescorted Access Denial Appeal Process; Revision 6
- SPP-2060-SFI-420; Access Authorization Program Elements; Revision 14

### 71130.04—Equipment Performance, Testing, and Maintenance

- Physical Security Plan; Revision 25
- SPP-2060-SFI-104; Site Protective Services Inspections; Revision 12
- SPP-2060-SFI-308; Tests of Security Related Equipment; Revision 52
- SPP-2060-SFI-503; Security Firearms and Equipment Maintenance and Accountability; Revision 26
- SPP-2060-SFI-600, Data Sheet 23; PIDS/EWS/Camera Operability Testing Records; 07/2017–07/2018
- SPP-2060-SFI-600, Data Sheet 29; Security Related Equipment Daily Testing Records; 01/2018–07/2018
- SPP-2060-SFI-600, Data Sheet 34; Explosive/Metal Detector Testing Records; 07/2017–07/2018
- SPP-2060-SFI-600, Data Sheet 35; X-Ray Equipment Testing Records; 07/2017–07/2018
- SPP-2060-SFI-600, Data Sheet 36; Delta Barrier Testing Records; 07/2017–07/2018
- SPP-2060-SFI-600, Data Sheet 39, Hand Geometry Unit and Card Reader Testing Records; 01/2018–07/2018
- Security Vehicle Barrier Maintenance Records; 07/2017–07/2018
- SPP-2060-SFI-503, Data Sheet 4; Records of Weapons Test Firing; 07/2017–07/2018
- Records of Weapons Cleaning; 01/2017–07/2018
- NOS-17-11; Nuclear Oversight Audit – Security; 12/11/2017

### 71130.14—Review of Power Reactor Target Sets Security Training

- SPP-2060-SFI-507; Target Set Development; Revision 4
- SPP-2060-SFI-216; Plant Response to a Security Threat; Revision 15
- Donald C. Cook Nuclear Plant Security Plan; Revision 15
- Cook Nuclear Plant Target Sets 2018; 06/28/2018
- AR 2018-8183; Self-Identified issue with 10 CFR 73.55(b)(3); 08/16/2018
- AR 2018-8181; Non-Compliance issue with 10 CFR 73.55(b)(4); 08/16/2018