



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
2056 WESTINGS AVENUE, SUITE 400  
NAPERVILLE, IL 60563-2657

August 25, 2025

Kelly Ferneau  
Executive VP and Chief Nuclear Officer  
Indiana Michigan Power Company  
Nuclear Generation Group  
One Cook Place  
Bridgman, MI 49106

SUBJECT: UPDATED INSPECTION PLAN FOR DONALD C. COOK NUCLEAR PLANT,  
UNITS 1 AND 2 (REPORT 05000315/2025005 AND 05000316/2025005)

Dear Kelly Ferneau:

The enclosed inspection plan lists the inspections scheduled through June 30, 2027, for Donald C. Cook Nuclear Plant. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last 12 months of the inspection plan are tentative and may be revised. As discussed in SECY-25-0045, "Recommendations for Revising the Reactor Oversight Process," dated June 5, 2025 ([ML25042A278](#)), the NRC determined that a broad, comprehensive review of the ROP is necessary to reflect improvements in industry performance and advancements in technology. The outcome of the comprehensive review and recommendations to revise the ROP baseline inspection program, when approved by the NRC Commission, will require a revision to this inspection plan. The NRC will contact you as soon as possible to discuss any revisions after the new baseline inspection program is implemented.

This letter and its enclosure will be made available for public inspection and copying at [ADAMS Public Documents | NRC.gov](#) 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."

Please contact me at 630-829-9739 with any questions you have regarding this letter.

Sincerely,



Signed by Feliz-Adorno, Nestor  
on 08/25/25

Néstor J. Feliz Adorno, Chief  
Engineering and Reactor Projects Branch  
Division of Operating Reactor Safety

Docket Nos. 05000315, 05000316  
and 07200072

License Nos. DPR-58 and DPR-74

Enclosure:  
Inspection Plan

cc: Distribution via LISTSERV®

Letter to Kelly Ferneau from Néstor J. Félix Adorno dated August 25, 2025.

SUBJECT: UPDATED INSPECTION PLAN FOR DONALD C. COOK NUCLEAR PLANT, UNITS 1 AND 2 (REPORT 05000315/2025005 AND 05000316/2025005)

DISTRIBUTION:

Rodney Clagg  
RidsNrrDorlLpl3  
RidsNrrPMDCCook Resource  
RidsNrrDroIrib Resource  
Jack Giessner  
Mohammed Shuaibi  
Diana Betancourt-Roldan  
John Pelchat  
Jared Heck  
Jennifer Dalzell  
R3-DORS  
[ROPAssessment.Resource@nrc.gov](mailto:ROPAssessment.Resource@nrc.gov)

ADAMS Accession Number: ML25234A214

<input checked="" type="checkbox"/> SUNSI Review		<input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive		<input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available	
OFFICE	RIII				
NAME	NFélix Adorno:sw				
DATE	08/25/2025				

OFFICIAL RECORD COPY

# Site Inspection Activity Plan

## D.C. Cook

07/01/2025 - 06/30/2027

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Security Baseline Inspection</b>						1
1,2	7/7/2025	7/24/2025	IP 71130.07	000739	Security Training	
<b>Functional Engineering Inspection - Fire Protection - DCC</b>						3
1,2	7/14/2025	7/31/2025	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
<b>Security Baseline Inspection - DCC</b>						1
1,2	8/25/2025	8/29/2025	IP 71130.14	000743	Review of Power Reactor Target Sets	
<b>Inservice Inspection Unit 2 - DCC</b>						1
2	9/22/2025	10/17/2025	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>Radiation Protection Baseline Inspection - DCC</b>						1
1,2	9/22/2025	9/26/2025	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1,2	9/22/2025	9/26/2025	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	9/22/2025	9/26/2025	IP 71124.04	000728	Occupational Dose Assessment	
<b>Eplan and EAL Changes Review - DCC</b>						1
1,2	11/1/2025	12/31/2025	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
<b>Cyber Security Inspection - DCC</b>						4
1,2	12/1/2025	12/5/2025	IP 71130.10	000741	Cybersecurity	
<b>Security Baseline Inspection DCC</b>						1
1,2	1/26/2026	1/30/2026	IP 71130.01	000733	Access Authorization	
1,2	1/26/2026	1/30/2026	IP 71130.08	000740	Fitness-For-Duty Program	
<b>D.C. Cook 2026 Initial License Examination</b>						7
1	2/22/2026	2/28/2026	OV	000956	FB-OR-Onsite Validation Of Initial License Examination (OV)	
1	6/7/2026	6/13/2026	OV	000956	FB-OR-Onsite Validation Of Initial License Examination (OV)	
1	7/5/2026	7/18/2026	EXAD	000500	FB-OR-Initial License Exam Administration (EXAD)	
<b>DC Cook 2026 Biennial Licensed Operator Requalification Inspection</b>						2
1	3/9/2026	3/13/2026	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>Radiation Protection Baseline Inspection - DCC</b>						2
1,2	4/6/2026	4/10/2026	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	4/6/2026	4/10/2026	IP 71124.04	000728	Occupational Dose Assessment	
1,2	4/6/2026	4/10/2026	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
<b>Security Baseline Inspection DCC</b>						1
1,2	5/18/2026	5/22/2026	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	

# Site Inspection Activity Plan

1,2	5/18/2026	5/22/2026	IP 81311	000831	Physical Security Requirements for Independent Spent Fuel Storage Installations	
<b>Emergency Preparedness Baseline Inspection / Performance Indicator Verification - DCC</b>						1
1,2	6/8/2026	6/12/2026	IP 71114.02	000717	Alert and Notification System Testing	
1,2	6/8/2026	6/12/2026	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1,2	6/8/2026	6/12/2026	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1,2	6/8/2026	6/12/2026	IP 71151	001397	Performance Indicator Verification	
<b>Comprehensive Engineering Team Inspection - DCC</b>						7
1,2	7/6/2026	7/24/2026	IP 71111.21M	000713	Comprehensive Engineering Team Inspection	
<b>Security Baseline Inspection DCC</b>						1
1,2	8/3/2026	8/7/2026	IP 71130.02	000734	Access Control	
1,2	8/3/2026	8/7/2026	IP 71130.09	001656	Security Plan Changes	
1,2	8/3/2026	8/7/2026	IP 71151	001338	Performance Indicator Verification	
<b>Inservice Inspection Unit 1 - DCC</b>						1
1	9/21/2026	10/9/2026	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>Radiation Protection Baseline Inspection - DCC</b>						2
1,2	9/21/2026	9/25/2026	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1,2	9/21/2026	9/25/2026	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	9/21/2026	9/25/2026	IP 71124.04	000728	Occupational Dose Assessment	
1,2	9/21/2026	9/25/2026	IP 71151	000746	Performance Indicator Verification	
<b>Security Baseline Inspection DCC</b>						1
1,2	9/28/2026	10/2/2026	IP 71130.14	000743	Review of Power Reactor Target Sets	
<b>EAL &amp; EPlan Changes Review - DCC</b>						1
1,2	11/1/2026	12/31/2026	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
<b>Problem Identification and Resolution - DCC</b>						4
1,2	11/16/2026	12/4/2026	IP 71152B	000747	Problem Identification and Resolution	
<b>Security Baseline Inspection - DCC</b>						1
1,2	1/11/2027	1/15/2027	IP 71130.02	000734	Access Control	
1,2	1/11/2027	1/15/2027	IP 71130.09	001656	Security Plan Changes	
<b>D.C. Cook Unit 2 Inservice Inspection</b>						1
2	3/22/2027	4/23/2027	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>Radiation Protection Baseline Inspection - DCC</b>						2
1,2	4/19/2027	4/23/2027	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1,2	4/19/2027	4/23/2027	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	4/19/2027	4/23/2027	IP 71124.04	000728	Occupational Dose Assessment	
<b>Functional Engineering Inspection Placeholder - DCC</b>						3

# Site Inspection Activity Plan

1,2    6/7/2027    6/25/2027    IP 71111.21N    000714    Focused Engineering Inspections (FEI Placeholder)

---

# Site Inspection Activity Plan

## D.C. Cook

07/01/2025 - 06/30/2027

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>ISFSI Security Inspection</b>						1
	5/18/2026	5/22/2026	IP 81311	001006	Physical Security Requirements for Independent Spent Fuel Storage Installations	