



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

September 1, 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: UPDATED INSPECTION PLAN FOR DONALD C. COOK NUCLEAR PLANT,
UNITS 1 AND 2 (Report 05000315/2021005 AND 05000316/2021005)

Dear Mr. Gebbie:

The enclosed inspection plan lists the inspections scheduled through June 30, 2023, for Donald C. Cook Nuclear Plant, Units 1 and 2. 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 twelve months of the inspection plan are tentative and may be revised. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

In response to the COVID-19 public health emergency (PHE), the NRC is adjusting inspection plans and schedules in order to safeguard the health and safety of both NRC and licensee staff while still effectively implementing the ROP. Each planned inspection is being carefully reviewed in order to determine if any portions of the inspection can be performed remotely, determine how best to perform on-site portions to minimize personnel health risks, and adjust inspection schedules if needed. This is done in accordance with guidance contained in the February 1, 2021 memo, "Calendar Year 2021 Inspection Guidance During COVID-19 Telework Restrictions" (ML21027A274). For inspections requiring extensive coordination with offsite organizations, such as evaluated emergency preparedness exercises, NRC guidance and frequently asked questions for security and emergency preparedness can be found here: <https://www.nrc.gov/about-nrc/covid-19/security-ep/>. Similarly, the NRC has developed guidance if force-on-force inspections cannot be completed as scheduled due to an emergency, such as the COVID-19 PHE. These changes help ensure the health and safety of both NRC and licensee staff while maintaining the NRC's important safety and security mission during the COVID-19 PHE. The attached inspection plan is accurate on the date of issuance but remains subject to change based on approval of potential exemption requests or other changes needed due to changing conditions in the COVID-19 PHE. NRC staff will contact your appropriate regulatory affairs staff in order to coordinate inspection planning and scheduling.

The NRC plans to perform Temporary Instruction 2515/194, "Inspection of the Licensees' Implementation of Industry Initiative Associated with the Open Phase Condition Design Vulnerabilities in Electric Power Systems (NRC Bulletin 2012-01)" and Inspection Procedure 71003, "Post-Approval Site Inspection for License Renewal" at your facility.

The NRC will also be performing baseline inspections of licensee cyber security programs. The specific schedule and procedure to be used for these inspections is being developed by the NRC staff. The staff expects to communicate the schedule for these inspections to each utility separately.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

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

Sincerely,

/RA/

Néstor J. Félix Adorno, Chief
Branch 4
Division of Reactor Projects

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

Enclosure:
Inspection Plan

cc: Distribution via LISTSERV®

Letter to Joel Gebbie from Néstor Félix Adorno dated September 1, 2021.

SUBJECT: UPDATED INSPECTION PLAN FOR DONALD C. COOK NUCLEAR PLANT, UNITS 1 AND 2 (Report 05000315/2021005 AND 05000316/2021005)

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IP 22b Site Inspection Activity Plan

D.C. Cook

07/01/2021 - 06/30/2023

Unit	Start	End	Activity	CAC	Title	Staff Count
Radiation Protection Baseline Inspection						1
1, 2	7/19/2021	7/23/2021	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	7/19/2021	7/23/2021	IP 71124.04	000728	Occupational Dose Assessment	
1, 2	7/19/2021	7/23/2021	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
Security Baseline Inspection						2
1, 2	7/19/2021	7/23/2021	IP 71130.01	000733	Access Authorization	
1, 2	7/19/2021	7/23/2021	IP 71130.02	000734	Access Control	
1, 2	7/19/2021	7/30/2021	IP 71130.05	000737	Protective Strategy Evaluation	
1, 2	7/19/2021	7/23/2021	IP 71130.07	000739	Security Training	
1, 2	7/19/2021	7/23/2021	IP 71130.09	001656	Security Plan Changes	
1, 2	7/19/2021	7/23/2021	IP 71130.14	000743	Review of Power Reactor Target Sets	
1, 2	7/19/2021	7/23/2021	IP 71151	001338	Performance Indicator Verification	
1, 2	8/9/2021	8/13/2021	IP 71130.01	000733	Access Authorization	
1, 2	8/9/2021	8/13/2021	IP 71130.02	000734	Access Control	
1, 2	8/9/2021	8/13/2021	IP 71130.05	000737	Protective Strategy Evaluation	
1, 2	8/9/2021	8/13/2021	IP 71130.07	000739	Security Training	
1, 2	8/9/2021	8/13/2021	IP 71130.09	001656	Security Plan Changes	
1, 2	8/9/2021	8/13/2021	IP 71130.14	000743	Review of Power Reactor Target Sets	
1, 2	8/9/2021	8/13/2021	IP 71151	001338	Performance Indicator Verification	
Biennial Problem Identification and Resolution Inspection						4
1, 2	7/19/2021	8/5/2021	IP 71152B	000747	Problem Identification and Resolution	
Design Bases Assurance Inspection (Programs)						3
1, 2	8/9/2021	8/27/2021	IP 71111.21N.02	001645	Design-Basis Capability of Power-Operated Valves Under 10 CFR 50.55a Requirements	
Emergency Preparedness Exercise Inspection / Performance Indicator Verification						4
1, 2	9/20/2021	9/24/2021	IP 71114.01	000716	Exercise Evaluation	
1, 2	9/20/2021	9/24/2021	IP 71151	001397	Performance Indicator Verification	
Triennial Heat Sink Inspection						2
1, 2	9/27/2021	10/4/2021	IP 71111.07T	000700	Heat Sink Performance	
OPC Temporary Instruction 2515/194						1
1, 2	10/25/2021	10/29/2021	TI 2515/194	000512	Inspection of the Licensee's Implementation of Industry Initiative Associated With the Open Phase Condition Design Vulnerabilities In Electric Power Systems (NRC Bulletin 2012-01)	
Triennial Fire Protection						3

IP 22b Site Inspection Activity Plan

1, 2	1/10/2022	1/28/2022	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
DC Cook 2022 Biennial Licensed Operator Requalification Program Inspection						2
1, 2	3/13/2022	3/19/2022	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
Inservice Inspection D.C. Cook Unit 1						1
1	4/18/2022	5/6/2022	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
Radiation Protection Baseline						1
1, 2	4/18/2022	4/22/2022	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	4/18/2022	4/22/2022	IP 71124.02	000726	Occupational ALARA Planning and Controls	
Emergency Preparedness Baseline Inspection / Performance Indicator Verification						1
1, 2	5/2/2022	5/6/2022	IP 71114.02	000717	Alert and Notification System Testing	
1, 2	5/2/2022	5/6/2022	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2	5/2/2022	5/6/2022	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1, 2	5/2/2022	5/6/2022	IP 71151	001397	Performance Indicator Verification	
DC Cook July 2022 Initial License Exam						5
1, 2	6/12/2022	6/18/2022	OV	000956	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	7/17/2022	7/23/2022	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
1, 2	7/24/2022	7/30/2022	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
Security Baseline Inspection						1
1, 2	6/20/2022	6/24/2022	IP 71130.02	000734	Access Control	
1, 2	6/20/2022	6/24/2022	IP 71151	001338	Performance Indicator Verification	
1, 2	7/11/2022	7/15/2022	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1, 2	10/3/2022	12/31/2022	IP 71130.09	001656	Security Plan Changes	
Design Bases Assurance Inspection - Team						6
1, 2	6/27/2022	7/15/2022	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS - DC						6
1, 2	7/25/2022	7/29/2022	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1, 2	8/15/2022	8/19/2022	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
Radiation Protection Baseline						1
1, 2	8/1/2022	8/5/2022	IP 71124.07	000731	Radiological Environmental Monitoring Program	
Inservice Inspection D.C. Cook Unit 2						1
2	10/17/2022	11/4/2022	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
Radiation Protection Baseline						1
1, 2	10/17/2022	10/21/2022	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
License Renewal Inspection Phase 4 for both units						3
1, 2	1/9/2023	1/13/2023	IP 71003	000687	Post-Approval Site Inspection for License Renewal	

IP 22b Site Inspection Activity Plan

Security Baseline Inspection						1
1, 2	2/6/2023	2/10/2023	IP 71130.08	000740	Fitness For Duty Program	
1, 2	2/6/2023	2/10/2023	IP 71151	001338	Performance Indicator Verification	
Evaluations of Changes, Tests and Experiments Inspection						3
1, 2	4/3/2023	4/7/2023	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
Biennial Problem Identification & Resolution Inspection						4
1, 2	5/1/2023	5/19/2023	IP 71152B	000747	Problem Identification and Resolution	
Radiation Protection Baseline Inspection						1
1, 2	5/8/2023	5/12/2023	IP 71124.05	000729	Radiation Monitoring Instrumentation	
Emergency Preparedness Exercise / Performance Indicator Verification						4
1, 2	5/15/2023	5/19/2023	IP 71114.07	000722	Exercise Evaluation - Hostile Action (HA) Event	
1, 2	5/15/2023	5/19/2023	IP 71151	001397	Performance Indicator Verification	
Security Baseline Inspection						1
1, 2	6/12/2023	6/16/2023	IP 71130.05	000737	Protective Strategy Evaluation	

IP 22b Site Inspection Activity Plan

D.C. Cook

07/01/2021 - 06/30/2023

Unit	Start	End	Activity	CAC	Title	Staff Count
ISFSI Cask Loading Inspection						2
1	7/26/2021	7/30/2021	IP 60855	001001	Operation Of An ISFSI	
ISFSI Security Inspection						1
1	7/11/2022	7/15/2022	IP 81311	001006	Physical Security Requirements for Independent Spent Fuel Storage Installations	