



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

August 28, 2019

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 05000315/2019005 AND 05000316/2019005)**

Dear Mr. Gebbie:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021, for the 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. You should be aware that the agency is pursuing potential changes to the ROP, including changes to engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections"), and other changes to the baseline inspection program described in SECY-19-0067, "Recommendations for Enhancing the Reactor Oversight Process." Should these changes to the ROP be implemented, the engineering and other region-based inspections are subject to change in scope, as well as schedule, beginning in January 2020. 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 addition to baseline inspection, the NRC plans to perform Temporary Instruction 2515/194, "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);" Inspection Procedure (IP) 60855.1, "Operation of an Independent Spent Fuel Storage Installation at Operating Plants;" IP 71003, "Post-Approval Site Inspection for License Renewal;" and IP 81311, "Physical Security Requirements for Independent Spent Fuel Storage Installations."

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 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Please contact me at 630-829-9620 with any questions you have regarding this letter.

Sincerely,

/RA/

Eric R. Duncan, Chief
Branch 4
Division of Reactor Projects

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

Enclosure:
Inspection Plan

cc: Distribution via LISTSERV®

Letter to Joel Gebbie from Eric Duncan dated August 28, 2019

Subject: UPDATED INSPECTION PLAN FOR DONALD C. COOK NUCLEAR PLANT,
UNITS 1 AND 2 (REPORT 05000315/2019005 AND 05000316/2019005)

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IP 22 Inspection Activity Plan Report

D.C. Cook

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
Triennial Fire Protection Inspection						3
1, 2	08/26/2019	09/27/2019	IP 71111.05XT	000697	Fire Protection - NFPA 805	
OPC Temporary Instruction 2515/194						1
1, 2	09/09/2019	09/13/2019	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)	
Inservice Inspection Unit 2						1
2	10/02/2019	11/07/2019	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
Force-on-Force Planning and Exercises						6
1, 2	11/18/2019	11/22/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1, 2	12/16/2019	12/20/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
Security Baseline Inspection						1
1, 2	02/10/2020	02/14/2020	IP 71130.08	000740	Fitness For Duty Program	
1, 2	02/10/2020	02/14/2020	IP 71151	001338	Performance Indicator Verification	
ISFSI Security Inspection						1
1	02/10/2020	02/14/2020	IP 81311	001006	Physical Security Requirements for Independent Spent Fuel Storage Installations	
DC Cook Biennial Licensed Operator Requalification Program Inspection						2
1, 2	03/02/2020	03/06/2020	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
Radiation Protection Baseline Inspection						1
1, 2	03/30/2020	04/03/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
Cyber Security Inspection						4
1, 2	03/30/2020	04/17/2020	IP 71130.10P	000741	Cyber Security	
Radiation Protection Baseline Inspection						2
1, 2	06/01/2020	06/05/2020	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	06/01/2020	06/05/2020	IP 71124.07	000731	Radiological Environmental Monitoring Program	
Security Baseline Inspection						1
1, 2	06/01/2020	06/03/2020	IP 71130.05	000737	Protective Strategy Evaluation	

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

IP 22 Inspection Activity Plan Report

D.C. Cook

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
Security Baseline Inspection						1
1, 2	07/06/2020	07/10/2020	IP 71130.02	000734	Access Control	
1, 2	07/06/2020	07/10/2020	IP 71130.05	000737	Protective Strategy Evaluation	
1, 2	08/17/2020	08/21/2020	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
DC Cook July 2020 Initial Exam						5
1, 2	06/22/2020	06/26/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	07/20/2020	07/31/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
Evaluations of Changes, Tests, and Experiments Inspection						3
1, 2	07/13/2020	07/17/2020	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
Inservice Inspection DC Cook Unit 1						1
1	10/26/2020	11/13/2020	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
Radiation Protection Baseline Inspection						1
1, 2	11/30/2020	12/04/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
Radiation Protection Baseline Inspection						1
1, 2	01/11/2021	01/16/2021	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
Biennial Problem Identification and Resolution Inspection						4
1, 2	03/01/2021	03/19/2021	IP 71152B	000747	Problem Identification and Resolution	
Inservice Inspection D.C. Cook Unit 2						1
2	04/16/2021	04/30/2021	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
Radiation Protection Baseline Inspection						1
1, 2	04/26/2021	04/30/2021	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	04/26/2021	04/30/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	
Radiation Protection Baseline Inspection						1
1, 2	05/24/2021	05/28/2021	IP 71124.05	000729	Radiation Monitoring Instrumentation	
ISFSI Cask Loading Inspection 2Q2021						2
1, 2	06/21/2021	06/25/2021	IP 60855.1	000590	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

IP 22 Inspection Activity Plan Report

D.C. Cook

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
License Renewal Inspection Phase 4						3
1, 2	06/28/2021	07/02/2021	IP 71003	000687	Post-Approval Site Inspection for License Renewal	