



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

August 28, 2018

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

SUBJECT: UPDATED INSPECTION PLAN FOR DONALD C. COOK NUCLEAR POWER  
PLANT, UNITS 1 AND 2 (REPORT 05000315/2018005 and 05000316/2018005)

Dear Mr. Gebbie:

The enclosed inspection plan lists the inspections scheduled through June 30, 2020, for the Donald C. Cook Nuclear Power 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.

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 630-829-9628 with any questions you have regarding this letter.

Sincerely,

*/RA/*

Kenneth Riemer, Chief  
Branch 2  
Division of Reactor Projects

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

Enclosure:  
Inspection Plan

cc: Distribution via LISTSERV®

Letter to Joel Gebbie from Kenneth Riemer dated August 28, 2018

SUBJECT: UPDATED INSPECTION PLAN FOR DONALD C. COOK NUCLEAR POWER  
PLANT, UNITS 1 AND 2 (REPORT 05000315/2018005 and 05000316/2018005)

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ADAMS Accession Number: ML18240A337

OFFICE	RIII						
NAME	KRiemer:bw						
DATE	8/28/2018						

**OFFICIAL RECORD COPY**

# IP 22 Inspection Activity Plan Report

**D.C. Cook**

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>DBA TEAM INSPECTION</b>						6
1, 2	06/25/2018	09/13/2018	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
<b>RADIATION PROTECTION BASELINE INSPECTION</b>						1
1, 2	09/17/2018	09/21/2018	IP 71124.02	000726	Occupational ALARA Planning and Controls	
<b>EP BASELINE INSPECTION / PI VERIFICATION</b>						1
1, 2	09/30/2018	10/05/2018	IP 71151	001397	Performance Indicator Verification	
1, 2	10/01/2018	10/05/2018	IP 71114.02	000717	Alert and Notification System Testing	
1, 2	10/01/2018	10/05/2018	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2	10/01/2018	10/05/2018	IP 71114.05	000720	Correction of Emergency Preparedness Weaknesses and Deficiencies	
<b>SECURITY BASELINE INSPECTION</b>						1
1, 2	10/15/2018	10/19/2018	IP 71130.02	000734	Access Control	
1, 2	10/15/2018	10/19/2018	IP 71151	001338	Performance Indicator Verification	
<b>RADIATION PROTECTION BASELINE INSPECTION</b>						1
1, 2	03/18/2019	03/22/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
<b>RADIATION PROTECTION BASELINE INSPECTION</b>						1
1, 2	04/08/2019	04/12/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	04/08/2019	04/12/2019	IP 71124.04	000729	Occupational Dose Assessment	
<b>RADIATION PROTECTION BASELINE INSPECTION</b>						1
1, 2	06/03/2019	06/07/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
<b>SECURITY BASELINE INSPECTION</b>						1
1, 2	06/03/2019	06/07/2019	IP 71130.07	000739	Security Training	
1, 2	06/03/2019	06/07/2019	IP 71151	001338	Performance Indicator Verification	
<b>SECURITY BASELINE INSPECTION</b>						1
1, 2	06/24/2019	06/28/2019	IP 71130.02	000734	Access Control	
<b>BIENNIAL PI&amp;R INSPECTION</b>						5
1, 2	07/15/2019	08/02/2019	IP 71152B	000747	Problem Identification and Resolution	

This report does not include INPO and OUTAGE activities.  
 This report shows only on-site and announced inspection procedures.

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**D.C. Cook**

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>RADIATION PROTECTION BASELINE INSPECTION</b>						1
1, 2	08/05/2019	08/09/2019	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
<b>TRIENNIAL FIRE PROTECTION INSPECTION</b>						3
1	08/26/2019	09/27/2019	IP 71111.05XT	000697	Fire Protection - NFPA 805 (Triennial)	
<b>EP EXERCISE INSPECTION / PI VERIFICATION</b>						2
1, 2	08/26/2019	08/30/2019	IP 71114.01	000716	Exercise Evaluation	
1, 2	08/26/2019	08/30/2019	IP 71151	001397	Performance Indicator Verification	
<b>Inservice Inspection Unit 2</b>						1
2	10/02/2019	11/07/2019	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
<b>FORCE-ON-FORCE PLANNING AND EXERCISES</b>						8
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	
<b>DESIGN BASES ASSURANCE INSPECTION (PROGRAMS)</b>						3
1, 2	01/27/2020	01/31/2020	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
1, 2	02/10/2020	02/14/2020	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
<b>SECURITY BASELINE INSPECTION</b>						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	
1, 2	02/10/2020	02/14/2020	IP 81311	000831	Physical Security Requirements for Independent Spent Fuel Storage Installations	
<b>RP Baseline Inspection</b>						1
1, 2	03/30/2020	04/03/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
<b>Cyber Security Inspection</b>						5
1, 2	03/30/2020	04/17/2020	IP 71130.10P	000741	Cyber Security	
<b>RP Baseline Inspection</b>						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	

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**D.C. Cook**

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>SECURITY BASELINE INSPECTION</b>						
1, 2	06/15/2020	06/19/2020	IP 71130.02	000734	Access Control	1