



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

March 2, 2018

Mr. Charles Arnone  
Vice President, Operations  
Entergy Nuclear Operations, Inc.  
Palisades Nuclear Plant  
27780 Blue Star Memorial Highway  
Covert, MI 49043-9530

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR PALISADES NUCLEAR PLANT  
(REPORT 05000255/2017006)**

Dear Mr. Arnone:

The NRC has completed its end-of-cycle performance assessment of Palisades Nuclear Plant, reviewing performance indicators (PIs), inspection results, and enforcement actions from January 1, 2017 through December 31, 2017. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. The NRC concluded that overall performance at your facility preserved public health and safety.

The NRC determined the performance at Palisades Nuclear Plant during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low safety significance (i.e., Green), and all PIs were within the expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through December 31, 2019. This updated inspection plan now includes planned security inspections which were formerly transmitted under separate correspondence. 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. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

This letter and its enclosure 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 Eric Duncan at 630-829-9620 with any questions you have regarding this letter.

Sincerely,

*/RA/*

Eric R. Duncan, Chief  
Branch 3  
Division of Reactor Projects

Docket No. 50-255  
License No. DPR-20

Enclosure:  
Inspection Plan

cc: Distribution via LISTSERV®

Letter to Charles Arnone from Eric Duncan dated March 2, 2018

SUBJECT: ANNUAL ASSESSMENT LETTER FOR PALISADES NUCLEAR PLANT  
(REPORT 05000255/2017006)

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# IP 22 Inspection Activity Plan Report

## Palisades

03/01/2018 - 12/31/2019

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>1ST Quarter Site Support for Palisades</b>						4
1	01/01/2018	05/15/2018	IP 71111.12	000706	Maintenance Effectiveness	
<b>EP EXERCISE/PI VERIFICATION</b>						4
1	02/26/2018	04/27/2018	IP 71114.08	000723	Exercise Evaluation □ Scenario Review	
1	04/23/2018	04/27/2018	IP 71114.01	000716	Exercise Evaluation	
1	04/23/2018	04/27/2018	IP 71151	001397	Performance Indicator Verification	
<b>FIRE PROTECTION INSPECTION AND BAG TRIP</b>						4
1	03/05/2018	04/06/2018	IP 71111.05XT	000697	Fire Protection - NFPA 805 (Triennial)	
<b>BIENNIAL REQUAL PROGRAM INSPECTION</b>						2
1	03/19/2018	03/23/2018	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance - Biennial	
<b>RADIATION PROTECTION BASELINE INSPECTION</b>						1
1	03/19/2018	03/23/2018	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	03/19/2018	03/23/2018	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	03/19/2018	03/23/2018	IP 71124.04	000728	Occupational Dose Assessment	
<b>SECURITY BASELINE INSPECTION</b>						1
1	04/30/2018	05/04/2018	IP 71130.01	000733	Access Authorization	
<b>RADIATION PROTECTION BASELINE INSPECTION</b>						2
1	06/04/2018	06/08/2018	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1	06/04/2018	06/08/2018	IP 71124.07	000731	Radiological Environmental Monitoring Program	
<b>SECURITY BASELINE INSPECTION</b>						2
1	07/30/2018	08/03/2018	IP 71130.05	000737	Protective Strategy Evaluation	
<b>SECURITY BASELINE INSPECTION</b>						1
1	10/08/2018	10/12/2018	IP 71130.02	000734	Access Control	
1	10/08/2018	10/12/2018	IP 71151	001338	Performance Indicator Verification	
1	10/22/2018	10/26/2018	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
<b>ISI INSPECTION</b>						1
1	10/28/2018	12/07/2018	IP 71111.08P	000702	Inservice Inspection Activities - PWR	

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

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## Palisades

03/01/2018 - 12/31/2019

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Radiation Protection Baseline Inspection</b>						1
1	10/29/2018	11/02/2018	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	10/29/2018	11/02/2018	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	10/29/2018	11/02/2018	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	10/29/2018	11/02/2018	IP 71124.04	000728	Occupational Dose Assessment	
1	11/13/2018	11/16/2018	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	11/13/2018	11/16/2018	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	11/13/2018	11/16/2018	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	11/13/2018	11/16/2018	IP 71124.04	000728	Occupational Dose Assessment	
<b>RP 71124.08</b>						1
1	03/04/2019	03/08/2019	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
<b>TRIENNIAL HEAT SINK INSPECTION</b>						1
1	04/08/2019	04/12/2019	IP 71111.07T	000700	Heat Sink Performance -Triennial	
<b>SECURITY BASELINE INSPECTION</b>						1
1	04/15/2019	04/19/2019	IP 71130.02	000734	Access Control	
1	04/15/2019	04/19/2019	IP 71130.06	000738	Protection of Safeguards Information	
<b>RP Baseline 71124.05</b>						1
1	06/03/2019	06/07/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
<b>SECURITY BASELINE INSPECTION</b>						1
1	06/03/2019	06/07/2019	IP 71130.14	000743	Review of Power Reactor Target Sets	
1	06/03/2019	06/07/2019	IP 81311	000831	Physical Security Requirements for Independent Spent Fuel Storage Installations	
<b>DBA Program (EQ)</b>						3
1	07/15/2019	08/02/2019	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
<b>RP Baseline 71124.02</b>						1
1	09/09/2019	09/13/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
<b>ISFSI Cask Loading Inspection</b>						2
1	09/16/2019	09/20/2019	IP 60855.1	000590	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	

# IP 22 Inspection Activity Plan Report

## Palisades

03/01/2018 - 12/31/2019

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>SECURITY BASELINE INSPECTION</b>						1
1	09/30/2019	10/04/2019	IP 71130.07	000739	Security Training	
1	09/30/2019	10/04/2019	IP 71151	001338	Performance Indicator Verification	
<b>TRIENNIAL 50.59 INSPECTION</b>						3
1	10/28/2019	11/01/2019	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
<b>RP Baseline 71124.01</b>						1
1	11/18/2019	11/22/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	11/18/2019	11/22/2019	IP 71151	000746	Performance Indicator Verification	