



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

March 1, 2017

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 05000255/2016006)

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, 2016, through December 31, 2016. 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, the highest performance category 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, 2018. 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 inspection plan does not include the plan for security-related inspections, which will be sent via separate, non-publicly available correspondence.

From January 1 to December 31, 2016, the NRC issued three traditional enforcement violations. The violations did not occur within a single traditional enforcement area of willfulness, impeding the regulatory process, or actual consequence so the NRC does not plan to conduct IP 92723, "Follow Up Inspection for Three or More Severity Level IV Traditional Enforcement Violations in the Same Area in a 12-Month Period."

C. Arnone

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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 630-829-9620 with any questions you have regarding this letter.

Sincerely,

**/RA/**

Eric Duncan, Chief  
Branch 3  
Division of Reactor Projects

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

Enclosure:  
Inspection Plan

cc: Distribution via LISTSERV®

C. Arnone

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Letter to Charles Arnone from Eric Duncan dated March 1, 2017

SUBJECT: ANNUAL ASSESSMENT LETTER FOR PALISADES NUCLEAR PLANT  
(REPORT 05000255/2016006)

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**Palisades**  
**Inspection / Activity Plan**  
**03/01/2017 - 12/31/2018**

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		<b>ISI - INSERVICE INSPECTION</b>		<b>1</b>
1	04/23/2017 05/23/2017	IP 7111108P	Inservice Inspection Activities - PWR	
		<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>2</b>
1	05/01/2017 05/05/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	05/01/2017 05/05/2017	IP 71124.02	Occupational ALARA Planning and Controls	
		<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>2</b>
1	07/17/2017 07/21/2017	IP 71124.05	Radiation Monitoring Instrumentation	
1	07/17/2017 07/21/2017	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	07/17/2017 07/21/2017	IP 71151	Performance Indicator Verification	
		<b>BI EP - EP BASELINE INSPECTION / PI VERIFICATION</b>		<b>1</b>
1	07/17/2017 07/21/2017	IP 7111402	Alert and Notification System Testing	
1	07/17/2017 07/21/2017	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	07/17/2017 07/21/2017	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	07/17/2017 07/21/2017	IP 71151	Performance Indicator Verification	
		<b>BI ENG - DBA TEAM</b>		<b>6</b>
1	10/30/2017 11/17/2017	IP 7111121M	Component Design Bases Inspection (Teams)	
		<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	11/13/2017 11/17/2017	IP 71124.02	Occupational ALARA Planning and Controls	
		<b>BI FIRE - FIRE PROTECTION INSPECTION AND BAG TRIP</b>		<b>3</b>
1	03/05/2018 04/06/2018	IP 7111105T	Fire Protection [Triennial]	
		<b>PI&amp;R - BIENNIAL PI&amp;R INSPECTION</b>		<b>4</b>
1	01/22/2018 02/09/2018	IP 71152B	Problem Identification and Resolution	
		<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	02/12/2018 02/16/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	02/12/2018 02/16/2018	IP 71124.04	Occupational Dose Assessment	
		<b>BI OLRQ - BIENNIAL REQUAL PROGRAM INSPECTION</b>		<b>2</b>
1	03/19/2018 03/23/2018	IP 7111111B	Licensed Operator Requalification Program	
		<b>EP - EP EXERCISE/PI VERIFICATION</b>		<b>2</b>
1	04/23/2018 04/27/2018	IP 7111401	Exercise Evaluation	
1	04/23/2018 04/27/2018	IP 7111406	Drill Evaluation	
1	04/23/2018 04/27/2018	IP 7111408	Exercise Evaluation – Scenario Review	
1	04/23/2018 04/27/2018	IP 71151	Performance Indicator Verification	

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

**Palisades**  
**Inspection / Activity Plan**  
**03/01/2017 - 12/31/2018**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End				
<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>					
1	06/04/2018	06/08/2018	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	2
1	06/04/2018	06/08/2018	IP 71124.07	Radiological Environmental Monitoring Program	
<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>					
1	08/13/2018	08/17/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	1
<b>BI ENG - TRIENNIAL HEAT SINK INSPECTION</b>					
1	08/27/2018	08/31/2018	IP 7111107T	Heat Sink Performance	1
<b>OL PREP - INITIAL PREP DEC 2018</b>					
1	11/19/2018	11/23/2018	W90376	OL - INITIAL EXAM - 2018 NOV-DEC - PALISADES	3
<b>OL EXAM - INITIAL EXAM NOV 2018</b>					
1	12/17/2018	12/21/2018	W90376	OL - INITIAL EXAM - 2018 NOV-DEC - PALISADES	3