



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION I
2100 RENAISSANCE BLVD., SUITE 100
KING OF PRUSSIA, PA 19406-2713

December 18, 2015

Mr. John Dent
Site Vice President
Entergy Nuclear Operations, Inc.
Pilgrim Nuclear Power Station
600 Rocky Hill Road
Plymouth, MA 02360-5508

**SUBJECT: PILGRIM NUCLEAR POWER STATION – NOTIFICATION OF INSPECTION
PROCEDURE 95003 PHASE ‘A’ AND PHASE ‘B’ INSPECTIONS**

Dear Mr. Dent:

The purpose of this letter is to notify you that U.S. Nuclear Regulatory Commission (NRC) staff will conduct the Inspection Procedure (IP) 95003 inspection, described in the mid-cycle assessment letter issued on September 1, 2015, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15239A647) in three phases (‘A’ through ‘C’). The information provided in this letter supplements, but does not supersede, the inspection plan information included in the mid-cycle letter.

The Phase ‘A’ and Phase ‘B’ portions of IP 95003 will be conducted during the weeks of January 11, 2016, and April 4, 2016, respectively. Each inspection will consist of three inspectors from the NRC’s Region I office. Both inspections will be conducted in accordance with IP 95003, Section 02.02, and will serve as partial completion of this portion of the IP. Phase ‘A’ of this inspection will review various aspects of the station’s corrective action program to determine whether continued operation of the Pilgrim Nuclear Power Station is acceptable and whether additional regulatory actions are necessary to arrest declining plant performance. Phase ‘B’ will look at overall corrective action program performance since the last problem identification and resolution inspection completed in August 2015, focusing in particular on progress in the site’s performance improvement plan. The results of these two phases will inform the final scope for the Phase ‘C’ inspection and once your staff has indicated it is ready, we will schedule Phase ‘C’. An updated inspection plan is attached.

J. Dent

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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 made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of the NRC's 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 (610) 337-5069 with any questions you have regarding this letter.

Sincerely,

/RA/

Arthur L. Burritt, Chief
Reactor Projects Branch 5
Division of Reactor Projects

Docket No. 50-293
License No. DPR-35

Enclosure:
Pilgrim Inspection/Activity Plan

cc w/encl: Distribution via ListServ

J. Dent

-2-

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OFFICE	RI/DRP	RI/DRP	RI/DRP		
NAME	LCline/LMC	CBickett/LMC for	ABurritt/ALB		
DATE	12/18/15	12/18/15	12/9/15		

OFFICIAL RECORD COPY

Pilgrim
Inspection / Activity Plan
01/01/2016 - 12/31/2017

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			95003 - 95003 PHASE A INSPECTION		4
1	01/11/2016	01/15/2016	IP 95003	Inspection For Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple Yellow Inp	
			TI-191 - FUKUSHIMA LESSONS-LEARNED		2
1	03/21/2016	03/25/2016	IP 2515/191	Inspection of Licensee's Responses to Order EA-12-049, EA-12-051 & EP Info Request March 12, 2012	
			71124 - 01 EXPOSURE CONTROL		1
1	03/21/2016	03/24/2016	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
			95003 - 95003 PHASE B INSPECTION		1
1	04/04/2016	04/08/2016	IP 95003	Inspection For Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple Yellow Inp	
			71124 - 05 RAD MONITORING INSTRUMENTATION		1
1	05/02/2016	05/06/2016	IP 71124.05	Radiation Monitoring Instrumentation	
			7111117T - PERMANENT PLANT MODIFICATIONS		4
1	05/02/2016	05/06/2016	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
1	05/16/2016	05/20/2016	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
			7111107T - TRIENNIAL HEAT SINK		1
1	07/18/2016	07/22/2016	IP 7111107T	Heat Sink Performance	
			2/27EXM - PILGRIM INITIAL EXAM		4
1	01/30/2017	02/05/2017	U01945	FY17-PILGRIM INITIAL OPERATOR LICENSING EXAM	
1	02/27/2017	03/03/2017	U01945	FY17-PILGRIM INITIAL OPERATOR LICENSING EXAM	
			EP - EP EXERCISE EVALUATION		4
1	11/14/2016	11/18/2016	IP 7111401	Exercise Evaluation	
			71124 - 71151 PI VERIFY 71124.01EXPCONT05RAD MON		1
1	11/21/2016	11/25/2016	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	11/21/2016	11/25/2016	IP 71124.05	Radiation Monitoring Instrumentation	
1	11/21/2016	11/25/2016	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	11/21/2016	11/25/2016	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
			7111108G - INSERVICE INSPECTION		1
1	04/24/2017	04/28/2017	IP 7111108G	Inservice Inspection Activities - BWR	
			71124 - 71124.01 RAD HAZARD AND 71124.02 ALARA		1
1	04/24/2017	04/27/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	04/24/2017	04/27/2017	IP 71124.02	Occupational ALARA Planning and Controls	
			71124.08 - RADWASTE		1
1	06/05/2017	06/09/2017	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	

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

Enclosure

Pilgrim
Inspection / Activity Plan
01/01/2016 - 12/31/2017

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			71124 - RAD HAZ- ALARA- AIRBORNE-DOSIMETRY		1
1	06/19/2017	06/23/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	06/19/2017	06/23/2017	IP 71124.02	Occupational ALARA Planning and Controls	
1	06/19/2017	06/23/2017	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	06/19/2017	06/23/2017	IP 71124.04	Occupational Dose Assessment	
			7111111B - PILGRIM REQUAL INSP W/ P/F RESULTS		2
1	09/04/2017	09/08/2017	IP 7111111B	Licensed Operator Requalification Program	
			71124 - 71124.06 RETS		1
1	08/07/2017	08/11/2017	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
			71152B - PI&R BIENNIAL TEAM INSPECTION		5
1	09/11/2017	09/15/2017	IP 71152B	Problem Identification and Resolution	
1	09/25/2017	09/29/2017	IP 71152B	Problem Identification and Resolution	
			71124 - 71124.07 REMP		1
1	09/18/2017	09/21/2017	IP 71124.07	Radiological Environmental Monitoring Program	
			71124 - 71151 PI VERIFY71124.02ALARA06RETS07REMP		1
1	11/20/2017	11/23/2017	IP 71124.02	Occupational ALARA Planning and Controls	
1	11/20/2017	11/23/2017	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	11/20/2017	11/23/2017	IP 71124.07	Radiological Environmental Monitoring Program	
1	11/20/2017	11/23/2017	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	11/20/2017	11/23/2017	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	

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