

August 26, 2003

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

Dear Mr. Balduzzi:

**SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - PILGRIM  
NUCLEAR POWER STATION**

On July 30, 2003, the NRC staff completed its mid-cycle plant performance review of Pilgrim Nuclear Power Station. The mid-cycle reviews for Pilgrim involved the participation of all technical divisions in evaluating performance for the first half of the calendar year 2003 assessment cycle. The process included a review of performance indicators (PIs) for the most recent quarter and inspection results over the previous twelve months. The purpose of this letter is to inform you of our assessment of your safety performance and our plans for future inspections at your facility so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections that may conflict with your plant activities.

Plant performance for the most recent quarter was within the Licensee Response column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct only baseline inspections at your facility through September 30, 2004.

The enclosed inspection plan details the inspections scheduled through September 30, 2004. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last six months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting.

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Mr. Michael Balduzzi

2

If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (610) 337-5227 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Clifford Anderson, Chief  
Projects Branch 5  
Division of Reactor Projects

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

Enclosure: Pilgrim Nuclear Power Station Inspection/Activity Plan

cc w/encl: G. Taylor, Chief Executive Officer  
M. Kansler, President, Entergy Nuclear Operations, Inc.  
J. Herron, Senior Vice President and Chief Operating Officer  
W. Riggs, Director, Nuclear Assessment Group  
D. Pace, Vice President, Engineering  
R. Edington, Vice President, Operations Support  
J. Kelly, Director, Nuclear Safety Assurance  
C. Faison, Manager, Licensing  
Director of Oversight, Entergy Nuclear Operations, Inc.  
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S. Lousteau, Treasury Department  
R. Walker, Department of Public Health, Commonwealth of Massachusetts  
The Honorable Therese Murray  
The Honorable Vincent deMacedo  
Chairman, Plymouth Board of Selectmen  
Chairman, Duxbury Board of Selectmen  
Chairman, Nuclear Matters Committee  
Plymouth Civil Defense Director  
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<b>DATE</b>	<b>08/26/03</b>	<b>08/26/03</b>	<b>08/ /03</b>	<b>08/ /03</b>	<b>08/ /03</b>	<b>08/ /03</b>	

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**Pilgrim**  
**Inspection / Activity Plan**  
**06/29/2003 - 10/02/2004**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>7111105T - FIRE PROTECTION</b>		<b>6</b>			
1	IP 7111105T	Fire Protection		07/14/2003	07/18/2003	Baseline Inspections
1	IP 7111105T	Fire Protection		07/28/2003	08/01/2003	Baseline Inspections
	<b>71151 - EP PI VERIFICATION</b>		<b>1</b>			
1	IP 71151	Performance Indicator Verification		07/21/2003	07/25/2003	Baseline Inspections
	<b>T1148BC - SEC ICM</b>		<b>6</b>			
1	IP 2515/148	Inspection of Nuclear Reactor Safeguards - Interim Compensatory Measures		07/21/2003	07/25/2003	Safety Issues
	<b>9/29 EXM - OPERATOR LICENSING INITIAL EXAMS</b>		<b>3</b>			
1	U01503	PILGRIM INITIAL EXAM (8/4/03)		09/08/2003	09/12/2003	Not Applicable
1	U01503	PILGRIM INITIAL EXAM (8/4/03)		09/29/2003	10/03/2003	Not Applicable
	<b>7111111B - L.O.REQUALIFICATION PROGRAM</b>		<b>2</b>			
1	IP 7111111B	Licensed Operator Requalification		09/08/2003	09/12/2003	Baseline Inspections
	<b>7111112B - MAINTENANCE RULE</b>		<b>1</b>			
1	IP 7111112B	Maintenance Effectiveness		09/08/2003	09/12/2003	Baseline Inspections
	<b>71121 - OCC RAD SAFETY</b>		<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		10/06/2003	10/10/2003	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		10/06/2003	10/10/2003	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		10/06/2003	10/10/2003	Baseline Inspections
1	IP 71151	Performance Indicator Verification		10/06/2003	10/10/2003	Baseline Inspections
	<b>7112203 - PUB RAD SAFETY - REMP</b>		<b>1</b>			
1	IP 7112203	Radiological Environmental Monitoring Program		10/20/2003	10/24/2003	Baseline Inspections
	<b>7111107B - HEAT SINK</b>		<b>1</b>			
1	IP 7111107B	Heat Sink Performance		01/12/2004	01/16/2004	Baseline Inspections
	<b>71121 - OCC RAD SAFETY</b>		<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		03/22/2004	03/26/2004	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		03/22/2004	03/26/2004	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		03/22/2004	03/26/2004	Baseline Inspections
	<b>7111401 - EXERCISE EVALUATION &amp; EP PI VERIFICATION</b>		<b>7</b>			
1	IP 7111401	Exercise Evaluation		04/12/2004	04/16/2004	Baseline Inspections
1	IP 71151	Performance Indicator Verification		04/12/2004	04/16/2004	Baseline Inspections
	<b>71121 - OCC RAD SAFETY</b>		<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		06/14/2004	06/18/2004	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		06/14/2004	06/18/2004	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		06/14/2004	06/18/2004	Baseline Inspections

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

**Pilgrim**  
**Inspection / Activity Plan**  
**06/29/2003 - 10/02/2004**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>7112201</b>	<b>- PUB RAD SAFETY - RETS</b>	<b>1</b>			
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		08/02/2004	08/06/2004	Baseline Inspections
	<b>71121</b>	<b>- OCC RAD SAFETY</b>	<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		09/20/2004	09/24/2004	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		09/20/2004	09/24/2004	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		09/20/2004	09/24/2004	Baseline Inspections
1	IP 71151	Performance Indicator Verification		09/20/2004	09/24/2004	Baseline Inspections

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