

August 23, 2002

Mr. Robert M. Bellamy  
Site Vice President  
Entergy Nuclear Operations, Inc.  
Pilgrim Nuclear Power Station  
600 Rocky Hill Road  
Plymouth, Massachusetts 02360-5599

Dear Mr. Bellamy:

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

On August 6, 2002, the NRC staff completed its mid-cycle plant performance assessment of the Pilgrim Nuclear Power Station. In accordance with NRC Inspection Manual Chapter 0305 "Operating Reactor Assessment Program", the mid-cycle review involved the participation of all technical divisions in evaluating the performance of your Pilgrim Nuclear Power Station facility for the first half of the current assessment cycle, January 1-December 31, 2002. The purpose of this letter is to inform you of our assessment of your safety performance during this period 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 which 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<sup>th</sup>, 2003.

The enclosed inspection plan details the inspections scheduled through September 30, 2003. 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 last six months of the inspection plan is tentative and may be revised at the end-of-cycle review.

In addition, the NRC is in the process of finalizing a Temporary Instruction (TI) that will be used to review implementation of the Interim Compensatory Measures required by the Agency's Security Order to all commercial nuclear power plants dated February 25, 2002. Schedules have not yet been finalized, but it is anticipated that these inspections will begin within the next calendar quarter. Once finalized, the details will be communicated by separate correspondence.

Robert M. Bellamy

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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

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

cc w/encl: M. Krupa, Director, Nuclear Safety & Licensing  
W. Riggs, Director, Nuclear Assessment Group  
D. Tarantino, Nuclear Information Manager  
B. Ford, Regulatory Affairs Department Manager  
J. Fulton, Assistant General Counsel  
R. Hallisey, 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  
D. O'Connor, Massachusetts Secretary of Energy Resources  
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**Pilgrim**  
**Inspection / Activity Plan**  
**06/30/2002 - 09/30/2003**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>7/29 EXM</b>	<b>- OPERATOR LICENSING INITIAL EXAMS</b>	<b>6</b>			
1	U01457	PILGRIM INITIAL OPERATOR LICENSING EXAM 7/29-8/2/2002		07/01/2002	07/05/2002	Not Applicable
1	U01457	PILGRIM INITIAL OPERATOR LICENSING EXAM 7/29-8/2/2002		07/29/2002	08/02/2002	Not Applicable
	<b>71121</b>	<b>- OCC RAD SAFETY</b>	<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		07/08/2002	07/12/2002	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		07/08/2002	07/12/2002	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		07/08/2002	07/12/2002	Baseline Inspections
	<b>71130</b>	<b>- SECURITY</b>	<b>1</b>			
1	IP 7113001	Access Authorization Program (Behavior Observation Only)		07/08/2002	07/12/2002	Baseline Inspections
1	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizator		07/08/2002	07/12/2002	Baseline Inspections
	<b>7111121</b>	<b>- SSDI</b>	<b>6</b>			
1	IP 7111121	Safety System Design and Performance Capability		09/09/2002	09/13/2002	Baseline Inspections
1	IP 7111121	Safety System Design and Performance Capability		09/23/2002	09/27/2002	Baseline Inspections
	<b>71121</b>	<b>- OCC RAD SAFETY</b>	<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		09/30/2002	10/04/2002	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		09/30/2002	10/04/2002	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		09/30/2002	10/04/2002	Baseline Inspections
1	IP 71151	Performance Indicator Verification		09/30/2002	10/04/2002	Baseline Inspections
	<b>71121</b>	<b>- PUBLIC RAD SAFETY</b>	<b>1</b>			
1	IP 7112202	Radioactive Material Processing and Transportation		12/02/2002	12/06/2002	Baseline Inspections
	<b>71152B</b>	<b>- PROBLEM IDENTIFICATION AND RESOLUTION</b>	<b>4</b>			
1	IP 71152B	Identification and Resolution of Problems		01/13/2003	01/17/2003	Baseline Inspections
1	IP 71152B	Identification and Resolution of Problems		01/27/2003	01/31/2003	Baseline Inspections
	<b>71121</b>	<b>- OCC RAD SAFETY</b>	<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		03/17/2003	03/21/2003	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		03/17/2003	03/21/2003	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		03/17/2003	03/21/2003	Baseline Inspections
	<b>7111108</b>	<b>- INSERVICE INSPECTION</b>	<b>1</b>			
1	IP 7111108	Inservice Inspection Activities		04/21/2003	04/25/2003	Baseline Inspections
	<b>71114</b>	<b>- EP PROGRAM INSP &amp; PI VERIFICATION</b>	<b>1</b>			
1	IP 7111402	Alert and Notification System Testing		05/12/2003	05/16/2003	Baseline Inspections
1	IP 7111403	Emergency Response Organization Augmentation Testing		05/12/2003	05/16/2003	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		05/12/2003	05/16/2003	Baseline Inspections
1	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		05/12/2003	05/16/2003	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**  
**06/30/2002 - 09/30/2003**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>71114</b>	<b>- EP PROGRAM INSP &amp; PI VERIFICATION</b>	<b>1</b>			
1	IP 71151	Performance Indicator Verification		05/12/2003	05/16/2003	Baseline Inspections
	<b>71121</b>	<b>- OCC RAD SAFETY</b>	<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		05/19/2003	05/23/2003	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		05/19/2003	05/23/2003	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		05/19/2003	05/23/2003	Baseline Inspections
	<b>711117B</b>	<b>- PERMANENT PLANT MODS</b>	<b>5</b>			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		05/19/2003	05/23/2003	Baseline Inspections
1	IP 711117B	Permanent Plant Modifications		05/19/2003	05/23/2003	Baseline Inspections
	<b>7111105T</b>	<b>- FIRE PROTECTION</b>	<b>5</b>			
1	IP 7111105T	Fire Protection		07/07/2003	07/11/2003	Baseline Inspections
1	IP 7111105T	Fire Protection		07/21/2003	07/25/2003	Baseline Inspections
	<b>8/4 EXM</b>	<b>- OPERATOR LICENSING INITIAL EXAMS</b>	<b>3</b>			
1	U01503	PILGRIM INITIAL EXAM (8/4/03)		07/07/2003	07/11/2003	Not Applicable
1	U01503	PILGRIM INITIAL EXAM (8/4/03)		08/04/2003	08/08/2003	Not Applicable
	<b>71130</b>	<b>- SECURITY</b>	<b>1</b>			
1	IP 7113001	Access Authorization Program (Behavior Observation Only)		08/04/2003	08/08/2003	Baseline Inspections
1	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizator		08/04/2003	08/08/2003	Baseline Inspections
	<b>711112B</b>	<b>- MAINTENANCE RULE</b>	<b>1</b>			
1	IP 711112B	Maintenance Effectiveness		09/08/2003	09/12/2003	Baseline Inspections
	<b>711111B</b>	<b>- L.O.REQUALIFICATION PROGRAM</b>	<b>2</b>			
1	IP 711111B	Licensed Operator Requalification		09/29/2003	10/03/2003	Baseline Inspections

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