

March 3, 2003

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

SUBJECT: ANNUAL ASSESSMENT LETTER - PILGRIM NUCLEAR POWER STATION
(Report 50-293/03-001)

Dear Mr. Bellamy:

On February 11, 2003, the NRC staff completed its end-of-cycle plant performance assessment of the Pilgrim Nuclear Power Station. The end-of-cycle review for Pilgrim Nuclear Power Station involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through 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 that may conflict with your plant activities.

Overall, Pilgrim Nuclear Power Station operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, 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 March 31, 2004.

The enclosed inspection plan details the inspections scheduled through March 31, 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 mid-cycle review meeting.

As you are aware, since the terrorist attacks on September 11, 2001, the NRC has issued several Orders and threat advisories to enhance security capabilities and improve guard force readiness. We have conducted inspections to review your implementation of these requirements and have monitored your actions in response to changing threat conditions. For calendar year 2003, we plan to continue these inspections, conduct portions of the security baseline inspection program, as well as perform additional inspections to evaluate your compliance with new requirements that may be ordered. Based on our final determinations in this regard, we will notify you of any inspection plan changes.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made 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).

If circumstances arise which cause us to change this 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: M. Krupa, Director, Nuclear Safety & Licensing
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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
J. Miller, Senior Issues Manager

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OFFICE	RI/DRP		RI/DRP	
NAME	PBonnett /FPB/		CAnderson /CJA/	
DATE	02/26/03		02/26/03	

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Pilgrim
Inspection / Activity Plan
12/29/2002 - 03/27/2004

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	71152B	- PROBLEM IDENTIFICATION AND RESOLUTION	4			
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
	7111111B	- L.O.REQUALIFICATION PROGRAM	2			
1	IP 7111111B	Licensed Operator Requalification		09/08/2003	09/12/2003	Baseline Inspections
	71121	- OCC RAD SAFETY	1			
1	IP 7112101	Access Control to Radiologically Significant Areas		01/27/2003	01/31/2003	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		01/27/2003	01/31/2003	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		01/27/2003	01/31/2003	Baseline Inspections
	7111108	- INSERVICE INSPECTION	1			
1	IP 7111108G	Inservice Inspection Activities - BWR		04/21/2003	04/25/2003	Baseline Inspections
	71121	- OCC RAD SAFETY	1			
1	IP 7112101	Access Control to Radiologically Significant Areas		04/28/2003	05/02/2003	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		04/28/2003	05/02/2003	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		04/28/2003	05/02/2003	Baseline Inspections
	71114	- EP PROGRAM INSP	1			
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
	7111117B	- PERMANENT PLANT MODS	5			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		05/19/2003	05/23/2003	Baseline Inspections
1	IP 7111117B	Permanent Plant Modifications		05/19/2003	05/23/2003	Baseline Inspections
	7111105T	- FIRE PROTECTION	5			
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
	71151	- EP PI VERIFICATION	1			
1	IP 71151	Performance Indicator Verification		07/21/2003	07/25/2003	Baseline Inspections
	T1148BC	- SEC ICM	7			
1	IP 2515/148	Inspection of Nuclear Reactor Safeguards - Interim Compensatory Measures		07/21/2003	07/25/2003	Safety Issues
	9/22 EXM	- OPERATOR LICENSING INITIAL EXAMS	3			
1	U01503	PILGRIM INITIAL EXAM (8/4/03)		08/18/2003	08/22/2003	Not Applicable
1	U01503	PILGRIM INITIAL EXAM (8/4/03)		09/22/2003	09/26/2003	Not Applicable

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

Pilgrim
Inspection / Activity Plan
12/29/2002 - 03/27/2004

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	711112B - MAINTENANCE RULE		1			
1	IP 711112B	Maintenance Effectiveness		09/08/2003	09/12/2003	Baseline Inspections
	7112203 - PUB RAD SAFETY - REMP		1			
1	IP 7112203	Radiological Environmental Monitoring Program		10/20/2003	10/24/2003	Baseline Inspections
	71121 - OCC RAD SAFETY		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		10/27/2003	10/31/2003	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		10/27/2003	10/31/2003	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		10/27/2003	10/31/2003	Baseline Inspections
1	IP 71151	Performance Indicator Verification		10/27/2003	10/31/2003	Baseline Inspections
	7111107B - HEAT SINK		1			
1	IP 7111107B	Heat Sink Performance		01/12/2004	01/16/2004	Baseline Inspections
	71121 - OCC RAD SAFETY		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		03/15/2004	03/19/2004	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		03/15/2004	03/19/2004	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		03/15/2004	03/19/2004	Baseline Inspections