

May 30, 2001

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

SUBJECT: ANNUAL ASSESSMENT LETTER - PILGRIM NUCLEAR POWER STATION  
(REPORT 05000293/2001-001)

Dear Mr. Bellamy:

On May 9, 2001, the NRC staff completed its end-of-cycle plant performance assessment of the Pilgrim Nuclear Power Station. The end-of-cycle review for Pilgrim involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period of April 1, 2000 to March 31, 2001. 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. We plan to discuss this assessment with you on June 26, 2001, in a meeting at the John Carver Inn in Plymouth, Massachusetts, that is open for public observation.

Overall, Pilgrim operated in a manner that preserved public health and safety and fully met all cornerstone objectives. 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 currently plan to conduct only baseline inspections at your facility through May 31, 2002.

For your information, the NRC is in the process of aligning the inspection and assessment cycle with the calendar year. In order to transition to a calendar year cycle (January 1- December 31), the next inspection and assessment cycle will consist of only three quarters (i.e. the second, third and fourth calendar quarters of CY 2001). As a result, a quarterly review will be conducted for the third calendar quarter (July 1- September 30) in lieu of a mid-cycle review. The impact on the inspection plan, which is included as enclosure 1, is minimal.

Enclosure 1 details the scheduled inspections that will occur through May 31, 2002. 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.

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/NRC/ADAMS/index.html> (the Public Electronic Reading Room). Our assessment process and terminology are further described in the NRC Reactor Oversight Process Web site at <http://www.nrc.gov/NRR/OVERSIGHT/index.html>

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 610-337-5233 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

**/RA/**

Curtis J. Cowgill, Chief  
Projects Branch 6  
Division of Reactor Projects

Docket No.: 05000293  
License No.: DPR-35

Enclosure: Pilgrim Inspection/Activity Plan

cc w/encl:

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J. Alexander, Director, Nuclear Assessment Group  
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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  
P. Gromer, Massachusetts Secretary of Energy Resources  
J. Miller, Senior Issues Manager  
Office of the Commissioner, Massachusetts Department of Environmental Quality Engineering  
Office of the Attorney General, Commonwealth of Massachusetts  
Chairman, Citizens Urging Responsible Energy  
S. McGrail, Director, Commonwealth of Massachusetts, SLO Designee  
Electric Power Division  
J. Perlov, Secretary at the Executive Office of Public Safety  
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<b>NAME</b>	<b>Dempsey /RJS for/</b>	<b>Cowgi l l /CJC/</b>						
<b>DATE</b>	<b>05/28/01</b>	<b>05/30/01</b>						

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**Pilgrim**  
**Inspection / Activity Plan**  
**06/01/2001 - 05/31/2002**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>71152</b>	<b>- PROBLEM IDENTIFICATION &amp; RESOLUTION</b>	<b>3</b>			
1	IP 71152	Identification and Resolution of Problems		06/11/2001	06/15/2001	Baseline Inspections
1	IP 71152	Identification and Resolution of Problems		06/25/2001	06/29/2001	Baseline Inspections
	<b>71130</b>	<b>- SECURITY</b>	<b>1</b>			
1	IP 7113001	Access Authorization Program (Behavior Observation Only)		07/09/2001	07/13/2001	Baseline Inspections
1	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizatio		07/09/2001	07/13/2001	Baseline Inspections
	<b>71121</b>	<b>- OCC RAD SAFETY</b>	<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		07/16/2001	07/20/2001	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		07/16/2001	07/20/2001	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation		07/16/2001	07/20/2001	Baseline Inspections
	<b>711112B</b>	<b>- MAINTENANCE RULE</b>	<b>1</b>			
1	IP 711112B	Maintenance Rule Implementation		09/10/2001	09/14/2001	Baseline Inspections
	<b>7112203</b>	<b>- REMP</b>	<b>1</b>			
1	IP 7112203	Radiological Environmental Monitoring Program		09/24/2001	09/28/2001	Baseline Inspections
	<b>711111B</b>	<b>- LIC OPER RQ INSP</b>	<b>3</b>			
1	IP 711111B	Licensed Operator Requalification		10/07/2001	10/15/2001	Baseline Inspections
	<b>711117B</b>	<b>- MODS</b>	<b>3</b>			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		10/15/2001	10/19/2001	Baseline Inspections
1	IP 711117B	Permanent Plant Modifications		10/15/2001	10/19/2001	Baseline Inspections
	<b>71121</b>	<b>- OCC RAD SAFETY</b>	<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		11/26/2001	11/30/2001	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		11/26/2001	11/30/2001	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation		11/26/2001	11/30/2001	Baseline Inspections
	<b>7111107B</b>	<b>- HEAT SINK</b>	<b>1</b>			
1	IP 7111107B	Heat Sink Performance		01/14/2002	01/18/2002	Baseline Inspections
	<b>71121</b>	<b>- OCC RAD SAFETY</b>	<b>1</b>			
1	IP 7112102	ALARA Planning and Controls		02/18/2002	02/22/2002	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation		02/18/2002	02/22/2002	Baseline Inspections
1	IP 71151	Performance Indicator Verification		02/18/2002	02/22/2002	Baseline Inspections
	<b>7112201</b>	<b>- PUB RAD SAFETY - RETS</b>	<b>1</b>			
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		04/01/2002	04/05/2002	Baseline Inspections
	<b>7111401</b>	<b>- EP EXERCISE &amp; EP PI VERIFICATION</b>	<b>2</b>			
1	IP 7111401	Exercise Evaluation		05/20/2002	05/24/2002	Baseline Inspections
1	IP 71151	Performance Indicator Verification		05/20/2002	05/24/2002	Baseline Inspections

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