

Perry Buckberg - WP copy of RAI letter

From: Perry Buckberg
To: Doug Ellis
Date: 11/17/2006 10:50 AM
Subject: WP copy of RAI letter
CC: Kent Howard

Doug,

Please see the attached.

Perry

Mail Envelope Properties (455DDA31.4D6 : 9 : 8248)

Subject: WP copy of RAI letter
Creation Date 11/17/2006 10:50:09 AM
From: Perry Buckberg

Created By: PHB1@nrc.gov

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OWGWPO04.HQGWDO01	11/17/2006 10:50:15 AM	entergy.com nrc.gov

Files	Size	Date & Time
MESSAGE	473	11/17/2006 10:50:09 AM
TEXT.htm	326	
RAI 10_23 B.1.16.1 Transmittal letter.wpd PM	31215	11/2/2006 1:20:54 PM

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Mr. Michael Kansler
President
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601-1839

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION FOR THE REVIEW OF THE
PILGRIM NUCLEAR POWER STATION LICENSE RENEWAL APPLICATION
(TAC MC9669).

Dear Mr. Kansler:

By letter dated January 25, 2006, Entergy Nuclear Operations, Inc. submitted an application pursuant to 10 CFR Part 54, to renew the operating license for Pilgrim Nuclear Power Station for review by the U.S. Nuclear Regulatory Commission (NRC). The NRC staff is reviewing the information contained in the license renewal application (LRA) and has identified, in the enclosure, an area where additional information is needed to complete the review. Specifically, the enclosed request for additional information is from the recent NRC Region I Inspection team observations related to the containment inservice inspection (CII) program.

This issue was discussed with a member of your staff, Bryan Ford, and a mutually agreeable date for this response is within 30 days from the date of this letter. If you have any questions, please contact me at 301-415-1383 or via e-mail phb1@nrc.gov.

Sincerely,

Perry Buckberg, Project Manager
License Renewal Branch A
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket No. 50-293

Enclosure:
As Stated

cc w/encl: See next page

Mr. Michael Kansler
President
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
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Perry Buckberg, Project Manager
License Renewal Branch A
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket No. 50-293

Enclosure:
As Stated

cc w/encl: See next page

ADAMS Accession No.:

C:\temp\RAI 10_23 B.1.16.1 Transmittal letter.wpd

OFFICE	PM:RLRA:DLR	PM:RLRC:DLR	LA:DLR	OGC	BC:REBB:DLR
NAME	PBuckberg	JDavis		Uttal	LLund
DATE	10/ /06	10/ /06	10/ /06	10/ /06	10/ /06

OFFICIAL RECORD COPY

Letter to Michael Kansler from Perry Buckberg dated: October xx, 2006

SUBJECT: REQUESTS FOR ADDITIONAL INFORMATION FOR THE REVIEW OF THE
PILGRIM NUCLEAR POWER STATION LICENSE RENEWAL APPLICATION
(TAC MC9669)

HARD COPY

DLR R/F

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SDuraiswamy
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RidsNrrDe
RidsNrrDci
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RidsNrrDeEeeb
RidsNrrDeEqva
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RidsNrrDnrl
RidsOgcMailCenter
RidsNrrAdes
DLR Staff

RSubbaratnam
SHoffman
SUttal
JShea
AWilliamson
JDavis
KChang
GWilson
CAnderson, Region 1
WRaymond, Region 1
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Pilgrim Nuclear Power Station

cc:

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Chairman
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cc:

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Assistant General Counsel
Entergy Nuclear Operations, Inc.
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White Plains, NY 10601

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Nuclear Energy Institute
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Washington, DC 20006-3708

Plymouth Public Library
Attn: Dinah O'Brien
132 South Street
Plymouth, MA 02360

Duxbury Free Library
ATTN: Ms. Elaine Winquist
77 Alden Street
Duxbury, MA 02332

Kingston Public Library
ATTN: Reference Librarian
6 Green Street
Kingston, MA 02364

Ms. Mary Lampert
Duxbury Nuclear Advisory, Chair
Pilgrim Watch, Director
148 Washington Street
Duxbury, MA 02332

Mr. Garrett D. Edwards
814 Waverly Road
Kennett Square, PA 19348

**REQUEST FOR ADDITIONAL INFORMATION (RAI)
PILGRIM NUCLEAR POWER STATION
LICENSE RENEWAL APPLICATION SECTION
B.1.16.1 CONTAINMENT INSERVICE INSPECTION**

B.1.16.1 Containment Inservice Inspection (CII)

RAI B.1.16.1

1. In the Pilgrim Nuclear Power Station (PNPS) aging management program B.1.16.1 of the license renewal application (LRA), the applicant stated: "CII inspections during RFO 15 (April 2005) did not reveal evidence of loss of material. Absence of degradation provides evidence that the program is effective for managing the aging effect." In addition, in the LRA, Amendment 2 (ML061710422) under, "Ongoing Actions to Prevent Drywell Corrosion", PNPS stated, "Functional checks are performed each refueling outage on the flow switch associated with the bellows seal leakage monitoring system." However, the recent NRC Region I inspection team observations indicated that:
 - a. The flow switch in the bellows rupture drain had failed its surveillance in December 2005, and has not been fixed or evaluated. In addition, the flow switch also had been failed in 1999.
 - b. Monitoring of other drains has been inconclusive and not well documented.
 - c. The torus room floor has had water on the floor on multiple occasions.

Please provide a detailed discussion, including record, corrective actions taken, and preventive action in response to this plant specific operating experience and discuss its impact on the aging management of potential loss of material due to corrosion in the inaccessible area of the Mark I steel containment drywell shell, including the sand pocket region for the period of extended operation.

ENCLOSURE