

Kantor/Hoge
FEB 09 1988

MEMORANDUM FOR: William T. Russell
Regional Administrator

FROM: Samuel J. Collins, Deputy Director
Division of Reactor Projects

SUBJECT: PILGRIM RESTART ASSESSMENT PANEL MEETING MINUTES

On February 2, 1988, the Pilgrim Restart Assessment Panel met by teleconference to discuss the status of NRC and licensee activities associated with the proposed plant Restart. The following personnel were in attendance:

Chairman:	Samuel J. Collins, Deputy Director, DRP
Members:	Ronald R. Bellamy, Chief, Radiological Protection and Emergency Preparedness Branch, DRSS J. Durr, Chief, Engineering Branch, URS A. Randy Blough, Chief, Reactor Projects Section No. 3B, DRP Bruce Boger, Assistant Director for RI Reactors, NRR Richard H. Wessman, Director, Project Directorate I-3, NRR
Others:	Daniel McDonald, Project Manager, NRR Clay C. Warren, Senior Resident Inspector, Pilgrim Jeff Lyash, Resident Inspector, Pilgrim T. J. Kim, Resident Inspector, Pilgrim H. Gray, Senior Reactor Engineer, MPS, DRS M. Evans, Operations Engineer, BWRS, DRS Lawrence T. Doerflein, Project Engineer, RPS 3B, DRP

The panel discussed the issues listed in Enclosure 1. As a result of the meeting, the below listed actions with responsibility were agreed upon by the Panel.

The next panel meeting will be held onsite at 1:00 p.m., February 17, 1988. All items below will be updated. No separate agenda will be provided for the February 17 meeting.

<u>Task</u>	<u>Responsibility</u>	<u>Due Date</u>
1. 10 CFR 50, Appendix A Issues:		
- Complete review of control room floor exemption request	NRR	Est. April 1
- Submit exemption request on conduit sealing	RECo	Est. February 6

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<u>Task</u>	<u>Responsibility</u>	<u>Due Date</u>
2. Arrange transcription service for February 18 public meeting	Blough	ASAP
3. Formalize system for identifying and tracking (to resolution) public comments on Restart Plan	Doerflein	February 12
4. Open Items - Designate who will close and who controls packages	Durr/Bellamy/ Boger/Blough/SRI	Next Panel
5. Review Restart Plan	Task Force	February 12
6. Provide comments on Readiness Report Format	All	Next Panel
7. Inform BECo of 50.35 basis for removing Tech Specs on organization	McDonald	Next Panel
8. Develop TAC for review of Direct Torus Vent proposal	Boger	Next Panel
9. Discuss deficiencies with Power Ascension Program with BECo	Collins	Next Panel
10. Provide comments on Draft Response to State 2.206 Petition	Doerflein	February 4
11. EOP Status		
- Letter to BECo confirming delay and new date for onsite review	Boger	Next Panel
- Provide new schedule (response)	BECo	
12. Discuss Readiness Assessment Team Inspection Plan	Blough	Next Panel
13. Discuss INPO evaluation schedule with BECo	Collins	Next Panel

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<u>Task</u>	<u>Responsibility</u>	<u>Due Date</u>
14. Develop form letter for acknowledging receipt of written public comments	Doerflein	Next Panel
15. Discuss team inspection schedule with BECo	Collins	Next Panel

Samuel J. Collins
Samuel J. Collins, Deputy Director
Division of Reactor Projects

Enclosure:
As stated

cc w/encl:

T. Murley, NRR
F. Miraglia, NRR
S. Varga, NRR
B. Boger, NRR
R. Wessman, NRR
D. McDonald, NRR
J. Roe, NRR
J. Hannon, NRR
W. Regan, NRR

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B. Clayton, EDO
J. Allan, RI
W. Kane, RI
J. Wiggins, RI
R. Blough, RI
T. Martin, RI
J. Durr, RI
R. Bellamy, RI
L. Doerflein, RI
R. Fuhrmeister, RI
C. Warren, SRI - Pilgrim
J. Lyash, RI - Pilgrim
T. Kim, RI - Pilgrim

ENCLOSURE

Restart Panel Items Discussed February 2, 1988

1. 10 CFR 50, Appendix R issues of control room floor and conduit sealing.
2. Status of preparations for February 18, 1988 public meeting.
3. Status of the administrative Technical Specifications concerning recent organizational changes.
4. Status of open item review.
5. Status of Task Force for Restart Plan review and public comment resolution.
6. Format for Readiness Report.
7. Results of NRR review of the Direct Torus Vent proposal.
8. Status of Power Ascension Program review.
9. Status of Region I review of draft response to State 2.206 Petition.
10. Status of EOP implementation and schedule for onsite review.
11. Review of plant status.
12. Review of recent inspection findings.

JAN. 20 '00 13133 NRC MESSAGE CENTER, BETHESDA, MD 15 (Request From) P.001

NRC FORM 204
(8-88)
NRCM 0878

FACSIMILE TRANSMITTAL REQUEST

DATE 5/2/88 RETURN ORIGINAL TO SENDER ☒ YES ☐ NO

MESSAGE TO			
NAME	FACSIMILE PHONE NO.	VERIFICATION PHONE NO.	NO. OF PAGES (including Transmittal Instructions)
RANDY BLOUGH-REG I			4

MESSAGE FROM			
NAME	FACSIMILE PHONE NO. <small>High-speed (up to 3 min.) Low-speed (4-8 min.)</small>		VERIFICATION PHONE NO.
D G McDONALD	492-0259, 0260 or 0261		492-0262
BUILDING	OFFICE PHONE NO.	MAIL STOP	PREFERENCE
WHITE FLINT	(301) 492-1436	14-D-1	Overnight <input type="checkbox"/> 2 HOURS <input type="checkbox"/> 4 HOURS <input type="checkbox"/> 1 HOUR <input checked="" type="checkbox"/> Immediate <input type="checkbox"/>

RECEIVED	TIME/DATE TRANSMITTED

Letter is dated 1/14/88. Rec'd as green ticket 5/2/88, w/ one week turnaround. I don't have the ability to meet that turnaround w/out either impacting on (1) already-behind preps for 5/11/88 public mtg, (2) team is up planning, and (3) resolution of HL & other issues

THE PROPOSED ASSIGNMENTS
ARE SHOWN. NEED TO HEAR
BACK PROMPTLY IF YOU
DISAGREE.

THANKS

RANDY B.

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Attachments

1. SALP Report No. 87-99
2. Integrated Assessment Team Inspection Rpt
3. Disposition of public comments
4. BECo Self Assessment Rpt.



Kantor/Hogan

**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

OFFICE OF GOVERNMENTAL AND PUBLIC AFFAIRS, REGION I
475 Allendale Road, King of Prussia, Pa. 19406
Tel. 215-337-5330

No. I-87-23
Contact: Karl Abraham

March 11, 1988

NOTE TO EDITORS AND STATION ASSIGNMENT EDITORS

James T. Wiggins, Chief of the Reactor Projects Section that inspects Pilgrim has issued a status report summarizing activities of the inspection staff during the period February 13-26, 1988.

The report is attached.

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March 4, 1988

Docket No. 50-293

MEMORANDUM FOR: James T. Wiggins, Chief
Reactor Projects Branch No. 3

FROM: A. Randy Blough, Chief
Reactor Projects Section No. 3B

SUBJECT: PILGRIM STATUS REPORT FOR THE PERIOD FEBRUARY 13-26, 1988

Enclosed is the Pilgrim bi-weekly status report from the NRC Resident office at Pilgrim. Three resident inspectors and a region-based inspector monitored activities at the plant during the report period. On February 17, 1988, senior management representatives from both NRC Region I and NRC Office of Nuclear Reactor Regulation (NRR) were onsite and met with the resident inspectors. On February 18, 1988, NRC conducted public meetings at the Plymouth Memorial Hall, in Plymouth, Massachusetts to receive public comments on the Boston Edison's Pilgrim Restart Plan.

The status reports are intended to provide NRC management and the public with an overview of plant activities and NRC inspection activities. Subsequent inspection reports will address many of these topics in more detail.

(Original signed by)

A. Randy Blough, Chief
Reactor Projects Section No. 3B

Enclosure:
As stated

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ENCLOSUREPILGRIM STATUS REPORT FOR THE PERIOD FEBRUARY 13-26, 19881.0 Plant Status

As of 8:00 a.m. on February 26, 1988, the reactor was in cold shutdown mode with moderator temperature about 96 degrees Fahrenheit.

2.0 Facility Operations Summary

The plant has been shutdown for maintenance and to make program improvements since April 12, 1986. The reactor core was completely defueled on February 13, 1987 to facilitate extensive maintenance and modification of plant equipment. The licensee completed fuel reload on October 13, 1987. Reinstallation of the reactor vessel internal components and the vessel head was followed by completion of the reactor vessel hydrostatic test. The primary containment integrated leak rate test was also completed during the week of December 21, 1987.

During this report period, the licensee continued with the post modification/maintenance testing of plant equipment. Some of the major ongoing projects include process computer tie-ins, hydrogen water chemistry system pre-operational testing, and load testing of the third emergency diesel generator.

3.0 Items of Special InterestNRC Public Meetings to Receive Comments on BECo's Pilgrim Restart Plan

The NRC held meetings to receive public comments on the Pilgrim Restart Plan in Plymouth, Massachusetts on February 18, 1988. The meetings took place in the town's Memorial Hall from 1:00 p.m. to 4:00 p.m., and from 7:00 p.m. to 10:00 p.m. State and local officials, and private citizens were invited to comment on the plan or to submit comments in writing. The meetings were formal, transcribed sessions where the public's testimony was heard by the panel of NRC management. The panel consisted of Mr. Samuel J. Collins, Deputy Director, Division of Reactor Projects, NRC-Region I, Dr. Ronald R. Bellamy, Chief, Emergency Preparedness and Radiological Protection Branch, NRC-Region I, Mr. A. Randy Blough, Chief, Reactor Projects Section 3B, NRC-Region I and Mr. Richard M. Wessman, Director, Reactor Projects Directorate I-3, NRC Office of Nuclear Reactor Regulation (NRR).

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Early on February 18, 1988, the Massachusetts Attorney General announced during a press conference that he and the Governor would not support or attend the meetings. Prior to that, NRC had expected and desired the Commonwealth to participate. NRC Region I had sent a letter to the State Liaison Officer (i.e., the individual within the Commonwealth of Massachusetts government designated by the Governor to be the primary point of contact with NRC) in early November requesting cooperation and advice regarding meeting location and schedule. On January 4, 1988, the Commonwealth replied by letter, reiterating earlier demands for an adjudicatory hearing, but stating that the Commonwealth would participate in the meetings so long as the Commonwealth received written assurance that such participation would not be relied upon or cited as a waiver of the Commonwealth's demand for an adjudicatory hearing. NRC Region I endeavored to provide that assurance in a January 15, 1988 letter, which stated, "Your support of these meetings is separate from and does not constitute a waiver of any rights related to the Commonwealth's October 15, 1987 Petition for a formal adjudicatory hearing."

Written comments from those unable to attend the meetings may be mailed to Mr. A. Randy Blough, U.S. Nuclear Regulatory Commission, 475 Allendale Road, King of Prussia, PA 19406. NRC has been asked how it will handle comments received after the established deadline of February 25. Based on the current projections, any written comments received by March 11, 1988 will be incorporated into the current staff review. Comments received after that date will be evaluated and reviewed separately on a schedule and priority consistent with their potential safety significance. The NRC considers it an important part of its job to respond appropriately to legitimate safety concerns raised at any time.

The transcript of the meetings will be placed in local public libraries for public review. NRC plans to hold one or more follow up public meetings to explain the NRC response to the public comments. These followup meetings would occur after the staff has evaluated the comments and decided on the appropriate response actions, but prior to a staff recommendation to the full Commission regarding plan restart.

NRC Assessment Panel Meeting

On February 17, 1988, members of NRC management from Region I and NRR were onsite and discussed restart inspection plans with the NRC resident staff. The NRC Assessment Panel meets periodically to coordinate the planning and execution of NRC inspection and licensing activities related to Pilgrim. The panel is chaired by Mr. Samuel J. Collins, Deputy Director, Division of Reactor Projects, NRC-Region I.

In developing a coordinated program to assess licensee performance, the restart assessment panel has recommended the following actions and they have been subsequently approved by the Regional Administrator, NRC-Region I:

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- The restart assessment report will contain detailed assessments using a Systematic Assessment of Licensee Performance (SALP) like methodology of those problem areas recognized as needing improvement and evaluation prior to plant restart. Performance in other applicable SALP functional areas will also be assessed but in less detail.
- The current assessment period for a full SALP board assessment of Pilgrim will be an eighteen month period of 2/1/87 - 7/31/88. This extended assessment period will provide for a meaningful evaluation of licensee actions in conjunction with its approach to readiness for plant restart and, if restart is authorized, a period of licensee operation. The SALP schedule allows the assessment panel to focus its efforts in the next few months on continuing evaluation of licensee improvement programs and to finalize its evaluation of Boston Edison's Restart Plan (including consideration of public comments).

Management Meetings

On February 24, 1988, a publicly-noticed management meeting was held between NRC and Boston Edison Company (BECO) officials at the NRC offices in King of Prussia, PA. The Commonwealth of Massachusetts Office of Public Safety and the Office of the State Senator William Golden monitored the meeting via telephone conference. BECO senior management presented its "self-assessment process" designed to determine readiness for requesting restart. The minutes of this meeting will be documented in NRC Report No. 50-293/88-10.

4.0 Emergency Notification System (ENS) Report

During this period, the licensee made the following reports to the NRC pursuant to 10 CFR 50.72.

- On February 23, 1988, at about 10:00 a.m., the licensee identified two scram discharge volume (SDV) isolation valves which failed to close within the required time. As part of the reactor protection system, SDV vent and drain valves are required by the station technical specifications to close on a reactor scram signal within 30 seconds. SDV vent valve CV302-23A closed in 90 seconds and drain valve CV302-22A closed in 45 seconds. The average closing time for the remaining operable valves on the SDV was 9 seconds. There are four drain and four vent valves on the SDV. The licensee's evaluation and corrective actions will be documented in Inspection Report No. 50-293/88-07.
- On February 23, 1988, at 2:24 p.m., the licensee experienced inadvertent isolation of all inboard secondary containment dampers, an automatic start of the "A" standby gas treatment system, and an isolation of the inboard RHR to Radwaste primary containment isolation valve. The observed actuations occurred during a relay

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coil replacement in the RHR to Radwaste primary containment isolation logic circuit. It appears that the licensee failed to fully identify the effect of deenergizing the circuit. The fuse was reinserted and the actuations cleared a short time later. The inspector's review of this event will be further discussed in Inspection Report No. 50-293/88-07.

- On February 26, 1988, at 1:10 p.m., the control room received spurious automatic closure of the outboard containment isolation valve on the reactor water cleanup system. The licensee is in the process of investigating the cause of the actuation. The inspector's review of this event will be further discussed in Inspection Report No. 50-293/88-07.

5.0 NRC Staff Status During the Period

The inspection staff at Pilgrim during the report period consisted of the following:

Clay Warren	--	Senior Resident Inspector
Jeffrey Lyash	--	Resident Inspector
Tae Kim	--	Resident Inspector

In addition, one regional specialist inspector was onsite during the week of February 22, 1988 to review the adequacy of the licensee's emergency notification system. The results of this inspection will be documented in NRC Inspection Report 50-293/88-09.
