

April 22, 2003

MEMORANDUM TO: Davis-Besse Nuclear Power Station IMC 0350 Panel

FROM: John A. Grobe, Chairman, Davis-Besse Oversight Panel */RA/*

SUBJECT: MINUTES OF INTERNAL MEETING OF THE DAVIS-BESSE
OVERSIGHT PANEL

The implementation of the IMC 0350 process for the Davis-Besse Nuclear Power Station was announced on April 29, 2002. An internal panel meeting was held on April 8, 2003. Attached for your information are the minutes from the internal meeting of the Davis-Besse Oversight Panel; Health Assurance Follow-Up Fire Protection Portion Inspection Plan; and the "Open" Action Items List.

Attachments: As stated

cc w/att: H. Nieh, OEDO
J. Dyer, RIII
J. Caldwell, RIII
K. Coyne, NRR
D. Thatcher, NRR
DB0350

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OFFICE	RIII		RIII		RIII		
NAME	DPassehl/klg		CLipa		JGrobe		
DATE	04/14/03		04/16/03		04/22/03		

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MEETING MINUTES: Internal IMC 0350 Oversight Panel Meeting
Davis-Besse Nuclear Power Station

DATE: April 8, 2003

TIME: 1:00 p.m. Central

ATTENDEES:

J. Grobe
D. Passehl
T. Mendiola
C. Lipa

M. Phillips
D. Hills
H. Nieh

J. Hopkins
S. Thomas

Agenda Items:

1. Discuss Plant Status and Inspector Insights

C. Thomas provided a briefing on current plant activities.

2. Discuss System Health Assurance Follow-Up Fire Protection Portion Inspection Plan

The Panel discussed the System Health Assurance Follow-Up Fire Protection Portion Inspection Plan. The Panel approved the plan with minor comments. The approved plan is attached to these meeting minutes.

3. Discuss New Allegations

The Panel discussed one new allegation.

4. Discuss Any Allegations for Which an Extension Was Requested

M. Phillips presented this discussion. There were no allegations for which an extension was requested.

5. Discuss Action Items

The Panel discussed the list of "open" action items. The Panel directed that Action item 176 be closed due the action being transferred to the RAM.

Item 24a - Discuss making information related to HQ/licensee calls publicly available

Revisit in June 2003.

Item 54a - Review TSP amendment and advise the panel on the need for a TIA on Davis-Besse

J. Hopkins to set up call for Friday April 11, 2003.

Item 97 - Bulletins 2002-01 and 2002-02 response and acceptance

Leave open pending NRR review.

Item 127 - Decision of the extent of the needs for resolution of the technical root cause

Technical root cause sent on March 31, 2003 (ml030630012). Leave open pending confirmation of receipt.

Item 136 - NRR acceptance of NOP criteria and method (01/03)

J. Hopkins writing meeting summary for April 4, 2003 meeting. Licensee to address additional questions on April 9, 2003 telephone call with licensee.

Item 156 - Read Generic Safety Issue-191, "Assessment of Debris Accumulation on PWR Sump Pump Performance"

D. Hills to discuss with K. Coyne and A. Dunlop work assignments.

Item 176 (Closed) - Determine which inspection will cover containment coatings

Added to RAM. Review the way the licensee resolves the issue in its licensing basis.

Item 185 - Research the criteria for abnormal occurrences and report to the Panel

An "Event of Interest" document will be drafted instead of an abnormal occurrence item. Leave open pending completion of the draft.

6. Discuss Items for Licensee Weekly Calls

The Panel discussed several items for the licensee weekly calls.

7. Discuss "NRC Promises from Public Meetings List"

The Panel discussed items from the "NRC Promises from Public Meetings List." M. Phillips was to follow-up with adding items to the RAM as necessary.

8. Discuss/Update Milestones and Commitments

The Panel reviewed and discussed upcoming milestones and commitments. No new items were identified.

Item Number	Action Item (Date generated)	Assigned to	Comments
24a	Discuss making information related to HQ/licensee calls publicly available	Panel	<p>Discuss by June 30, after safety significance assessment complete; 6/27 - Invite Bateman to panel mtg. To discuss what else is needed to closeout the CAL (i.e. quarantine plan); 7/2 - NRR not yet ready to discuss; 7/16 - See if procedures have changed on CAL closeout - does JD need to send letter?; 7/18 - Discussed - is there an applicable regional procedure?; 8/6 - Discussed. Need to determine the final approach on the core removed from the head and the final approach on the head before the quarantine can be lifted; 8/22 - Revisit action item after letter sent to licensee confirming plans with old vessel head (head may be onsite longer than originally anticipated); 8/29 - Memo to be sent to Region, with a letter to go out next week; 10/01- Discussed.</p> <p>1) Conduct NRC staff survey-due 10/7 2)Memo to NRR - due 10/11 3) Region to issue letter; 11/07- Letter required from NRR on head quarantine status; 11/19 - Letter in draft; 01/03 - A. Mendiola to look at phone conference writeups on quarantine decision making to determine if they can be released to the public; 01/07 - discussed; 01/21 - discussed; 01/31- A. Mendiola's action; 02/11 - Completion of Licensee Phase 3 sampling plan required; 02/21 - 17.5 Rem to cut samples, Less samples may be required; 04/03 - Completion of Phase 3 sampling plan scheduled for late April - discuss again then; 04/08 - Revisit in June 2003</p>

Item Number	Action Item (Date generated)	Assigned to	Comments
54a	Review TSP amendment and advise the panel on the need for a TIA on Davis-Besse (7/2)	D. Pickett	<p>7/9 - Discussed. Will wait for response from licensee; 7/16 - Discussed - added action item 54b; 8/6 - Sent to the licensee on 7/22 and a response is due by 8/22; 8/22 - Discussed - need to check if response has been received; 8/27 - Received response - DRS is reviewing - will fax to NRR for 54b; 8/29 - Discussed, DRS report of response to be issued to panel prior to item 54b; 10/1-Discussed. DRS coordinating with NRR 11/07-Discussed - On hold for draft with specific information; 12/10 - B. Dean believed B. Bateman thought a calculation for sufficient volume of TSP was completed to technical specification value. However questions whether the calculation was to technical specification or actual TSP level remain; 01/03 - Item under NRR review. Calculation completion expected on Jan 17. Allegation issue in RIII domain; 01/07 - Allegation Item #3 under NRR Review for Resolution; 01/21 - Item #3 is under Region III control for final letter, holding for NRR input; 02/11 - Writeup for NRR input provided 4 answers, going back to reviewer to ensure specific tasking is clear to answer allegation concerns. Action item 54c created; 02/21 - Allegation at 242 day mark. Effective expression of due date required; 04/03 - Messrs. Beckner, Grobe, Ruland, & Mendiola to discuss; 04/08 - J. Hopkins to set up call for 4/11/03</p>

Item Number	Action Item (Date generated)	Assigned to	Comments
54c	In relation to action item 54a - Assess method to ensure Technical Specifications are adequate for a cycle, administrative controls vs. amending technical specifications (02/11)	A. Mendiola	02/11 - Address first meeting in March
73	Send feedback form on IMC 0350 procedure to IIPB (8/6)	Lipa Mendiola	8/6 - Generate feedback after panel meetings reduced to once per week; 8/29 - Discussed - no change; 10/1 - Discussed; 11/7 - D Passehl sent email to C Carpenter and D Coe indicating that we would be able to perform a review of the draft IMC 0350 during the first quarter of 2003; 12/3- discussed; 01/03 - 2 parts, short part- C. Lipa with P. Harris, long part- B. Dean; 01/07 - 2 nd larger response will require meeting between all parties; 01/21 - Communications with P. Harris; 01/31-Meeting with P. Harris on Feb 4; 02/11 - Many concerns identified by the panel for inclusion; 02/21 - July 1 due date for larger input.
97	Bulletins 2002-01 and 2002-02 response and acceptance (9/5)	NRR	11/07 - Discussed, further research and discussion required; 01/07 - RAI response expected Mid February; 01/31- On track; 02/11 - New Orders will supercede BL2002-01 and BL2002-02 responses with the exception of the BL2002-01 Boric Acid Corrosion program information request; 02/21 - Licensee RAI response delayed. Both Order and BL2002-01 Boric Acid Corrosion program responses to be tracked as RAM items; 04/08 - Discussed, leave open pending NRR review

Item Number	Action Item (Date generated)	Assigned to	Comments
126	Review Davis-Besse/Vessel Head Degradation web site content for ease of use by the public. (11/07)	Strasma	02/11 - Checked, but revisiting item; 02/21 - Web site being reassessed.
127	Decision of the extent of the needs for resolution of the technical root cause (11/19)	W. Dean	12/10 - Completion date requested; 12/19 - Discussed - Est. delivery Jan. 31 st , put in Jan-Feb report 03-02; 01/31 - On track; 02/21 - J. Hopkins has the review. Through comprehensive review, A. Hiser determined OI concerns did not effect the technical root cause. Attachment of Technical Root Cause Review on next Inspection Report; 04/08, sent on Mar 31, leave open pending confirmation of receipt
133	12/29 Taping of debate	J.Collins/ D.Simpkins	01/03 - Licensee to deliver tape to J. Strasma; 02/24 - Tape sent
136	NRR acceptance of NOP criteria and method (01/03)	W. Dean	01/07 - Item discussed. Meeting summary of November 26, 2002 meeting has notation of NRR staff impressions of test plan. Once drafted, issue will be surveyed to staff to determine if consensus is correct; 01/21 - Meeting summary to discuss Flus System, Test agreement, and future inspections; 1/31 - T. Chan fwd to J. Hopkins; 2/11 - J. Jacobson questions need to be folded in (chem-wipes); 2/21 - Polling of staff discussed; 2/24 - Polling of staff by March 7; 3/25 - Staff to be polled after 4/4/03 meeting in headquarters, and meeting should address whether a rational basis exists that the bottom head is not leaking, and whether a critical flaw size will not appear during the next operating cycle; 04/08 - J. Hopkins writing mtg summary for 4/4, licensee to address additional questions on 4/9 telephone call

Item Number	Action Item (Date generated)	Assigned to	Comments
138	Evaluate the effectiveness of the Comm Plan (01/07)	A. Mendiola, C. Lipa	01/31 - Ongoing; 02/21 - New EDO Comm Plan for Crisis Update, A. Mendiola to review for inclusion.
145	Prepare a special inspection plan for the restart readiness team inspection. (01/09)	D. Passehl	02/21 - date to be determined
147	Generate a list of items to consider after restart as well as transition back to the normal 0350 when terminating the 0350 Panel. The items should include plans to augment inspection of corrective actions, inservice inspection, and safety culture monitoring. (01/09)	D. Passehl	01/31 - working; 02/11 - Include dates and deadlines to Manual Chapter 0350 restart inspections planner
154	Marty has action to followup by 1/21 with licensee to understand licensee's actions to address common mode failure issues (i.e., topical issues) and brief Panel. Then develop inspection plan to address topical issues. (01/09)	M. Farber	02/21 - Date to be determined
156	Read Generic Safety Issue-191, "Assessment of Debris Accumulation on PWR Sump Pump Performance" (01/09)	J. Hopkins	01/21 - Determine status of GSI-191; 02/21 - Check GL98-04 response on coatings. Draft GL and Draft Reg Guide needs review for DB relevance; 02/24 - Request Response Review and Program Implementation to GL98-04; 03/04 - activity to be reassigned to Reactor Engineer who will close sump LER; 04/08, D. Hills to discuss with K. Coyne and A. Dunlop work assignments
174	Review 2/4 transcript for Mr. Witt's recommendations (2/18)	R. Lickus	

Item Number	Action Item (Date generated)	Assigned to	Comments
175	LER licensee commitment on Containment Air Cooler Supplement for 01/31/03 (02/21)	J. Hopkins	02/21 - Attempt to get by end of February; 03/04 - Licensee wrote CR to address missed commitment
176	Determine which inspection will cover containment coatings (03/04)	C. Lipa	04/08 Added to RAM, closed
178	Determine the type of backlog assessment that will be performed and by whom. Two attributes need to be considered: (1) the capability of the licensee to manage the backlog in an operating environment; and (2) the impact of the backlog on equipment reliability. (03/04)	C. Lipa	
185	Research the criteria for abnormal occurrences and report to the Panel. (3/25)	C. Lipa	04/08 - An "Event of Interest" document to be drafted instead of an abnormal occurrence item. Leave open pending completion of the draft.

INSPECTION PLAN
SYSTEM HEALTH ASSURANCE FOLLOW-UP
FIRE PROTECTION PORTION

Davis-Besse Nuclear Power Station

Inspection Report Number 50-346/03-03(DRS)

Inspection Objectives

There are three objectives for this inspection:

- 1) To verify that the licensee's fire protection features and safe shutdown capability is sufficient to allow for safe shutdown in the event of fire.
- 2) To determine whether the triennial baseline fire protection inspection can be delayed until after start-up without undue risk.
- 3) To support closure of Restart Checklist Item No. 5.b, associated with assuring the capability of safety significant structures, systems and components to support safe and reliable plant operation.

Inspection Dates: April 24 - 28, 2003

Applicable Inspection Procedures

IP 71111.05, "Fire Protection"

IP 93812, "Special Inspection"

Prepared by: /RA/ 04/14/2003
Ronald A. Langstaff, Sr. Reactor Inspector
Electrical Engineering Branch

Reviewed by: /RA/
Ronald N. Gardner, Chief
Electrical Engineering Branch

Reviewed by: /RA/ 04/16/2003
Christine A. Lipa, Chief
Reactor Projects Branch 4

Approved by : /RA/
John A. Grobe, Chairman
Davis-Besse MC 0350 Panel

INSPECTION PLAN DETAILS

I. Inspectors

R. Langstaff, lead inspector
R. Daley, reactor inspector
K. Sullivan, contractor, Brookhaven National Lab

II. Inspection Approach

The approach to the fire protection portion of the system health assurance follow-up will include the following:

- 1) The inspectors will observe a simulated operations personnel response to a significant fire in a risk significant fire area. The exercise scenario will be established to test the operators decision making ability in response to fire symptoms and also test how well response procedures can be performed. This exercise will be performed on Wednesday, April 23, during the morning. *The licensee has been requested to limit the number of people who know the exercise scenario.*
- 2) The inspectors will perform a limited review of the safe shutdown methodology and a visual inspection of fire protection features for one risk significant fire area.

This portion of the inspection will provide an inspection report feeder to M. Farber, the lead inspector for the system health assurance follow-up inspection.

Portions of the following procedures will be used as guidance:

IP 71111.05, Fire Protection
Systems Required to Achieve and Maintain Post-Fire Safe Shutdown
Operational Implementation of Alternative Shutdown Capability
Fire Protection Systems, Features, and Equipment

III. Detailed Inspection Schedule

Fire Protection Portion of System Health Assurance Follow-Up Inspection

- Lead inspector on-site preparation visit: April 15, 2003
- Entrance Meeting: April 21, 2003
- On-site Inspection Week: April 21-25, 2003
- Exit Debrief: April 25, 2003

Inspection Documentation

- Inputs Due: Close of Business, May 5, 2003

Licensee Contacts

Vern Patton, 419-321-7653, fire protection program owner

Matt Murtha, 419-321-7747, fire protection engineer

John House, 419-321-7331, supervisor, ops training

Jeff Waal, 419-321-7492, licensing

George Honma, 419-321-7986, licensing contact for inspection

IV. Specific Inspection Information

a. Starfire Information

There are currently no resource estimates for this inspection. Direct inspection time will be charged to Inspection Procedure 93812 with an IPE of "ER." Preparation and documentation for this inspection will use an IPE or SEP or SED. Time will be charged to inspection report 50-346/03-03.

b. Findings

The Risk Informed Inspection Notebook and the Significance Determination Process (SDP) for Davis-Besse Nuclear Power Station have been developed and approved. Inspectors must be able to address the questions of Manual Chapter 0612 and process the finding through phase 2 of the SDP as necessary. Green findings will be documented in the inspection report. Findings that appear to be "other than green" shall be immediately discussed with the licensee and the senior reactor analyst, to ensure that Palisades PRA information is correctly considered. Enforcement action for green or non-SDP issues will be handled in accordance with the Enforcement Policy.

c. Documentation

The report will be prepared in accordance with the guidance in Manual Chapter 0612, although some flexibility will be allowed for documenting observations due to the nature of the inspection.

d. Interface and Coordination

Meetings with the Licensee

- An entrance meeting will be held during the afternoon of Monday, April 21, (tentatively scheduled for 2 p.m.).
- Daily inspection status meetings with the licensee will be held.
- A short licensee debrief will be held during the afternoon of Thursday, April 24.
- The exit debrief will be during the morning of Friday, April 25, tentatively scheduled for 9 a.m.)

Routine Interactions

Through-out the inspection, inspectors are expected to have routine interactions with licensee employees. It is expected that these interactions will be professional in nature and will normally be conducted without the lead inspector present. Any questions or

requests for further information arising from these meetings will be conveyed to the lead inspector.

Exit Meeting

The inspectors will conduct an exit debrief on the fire protection portion of this inspection on Friday, April 25, 2003. The final exit will be conducted by M. Farber.