

March 31, 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 March 18, 2003. Attached for your information are the minutes from the internal meeting of the Davis-Besse Oversight Panel and the "Open" Action Items List.

Attachments: As stated

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

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OFFICE	RIII	RIII	RIII	
NAME	MPhillips/klg	<i>/RA DPassehl Acting for/CLipa</i>	JGrobe	
DATE	03/28/03	03/31/03	03/31/03	

**OFFICIAL RECORD COPY**

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

DATE: March 18, 2003

TIME: 1:00 p.m. Central

ATTENDEES:

J. Grobe      W. Dean      M. Phillips      J. Hopkins      G. Wright  
C. Lipa      A. Mendiola      J. Jacobson      D. Simpkins      J. Collins

Agenda Items:

1. Plant Status and Inspector Insights

D. Simpkins provided a briefing on current plant activities.

2. Discuss Inspection Plans

Geoff Wright presented the inspection plan for the Phase 3 Management and Human Performance inspection. The Panel approved the plan with minor comments to include the addition of the RAM items that would be addressed by the inspection. Final plan approval is required by J. Dyer to authorize IP40001.

On a separate point, there was considerable discussion of the process to ensure receipt of the draft report and final reports from S. Haber, the licensee's consultant.

The panel discussed the scope and breadth of the ongoing RP 95002 supplemental and restart readiness effort, and the level of depth needed to close 95003 items. Per John House, the team did not plan to review every RAM item assigned, and failed to see the value of reviewing program areas not known or suspected to be deficient. The panel felt that we needed to articulate how each requirement was addressed, and concurred that if the team had sufficient basis to conclude that an area was not deficient, such documentation would be adequate to close the 95003 item.

3. Discuss Chilling Effect Letter Status and Allegation RIII-2003-A-005

The Panel discussed the need for a chilling effect letter, given that the licensee had already provided its corrective actions on the docket to address deficiencies with the site's Safety Culture, of which a safety conscious work environment was a subset. In addition, the licensee had met with the NRC to discuss its corrective actions. The panel felt that this decision should include input from the Agency Allegation Advisor, and requested that she be contacted to see if she agreed with the approach. Assuming her agreement, the panel felt a chilling effect letter to the licensee was not necessary.

**NEW ACTION ITEM** - M. Phillips took action to provide an e-mail to the AAA describing why the panel felt a chilling effect letter was not needed and request her concurrence in that decision.

The panel discussed the approach that should be taken to address the chilling effect concern in allegation RIII-2003-A-005, and directed that this activity was more appropriate as a DRP function rather than a panel function.

5. Discuss Action Items

The Panel discussed the list of “open” action items. The Panel directed that Action items 151 and 158 be closed due the actions being accomplished.

Item 151 - "Develop a plan to assess the safety culture at the plant to close Restart Checklist Item 4.b, effectiveness of corrective actions."

Item 158 - "In Programs inspection plan add Restart Checklist Item 3.1, completeness and accuracy of information, and delete 3.h, radiation protection program."

6. Discuss New Possible Action Item or AITS

The panel verified that Roland was preparing a memorandum from Dyer to Travers briefly documenting the results of the Governor Taft briefing.

7. Discuss Restart Action Matrix (RAM)

The panel agreed that they needed to be involved in the closure of items that were based on “not applicable.” The discussion of the RAM was tabled to be added to the agenda of the next panel meeting, with the latest version of the RAM attached to the Agenda.

8. Discuss New Inspection Procedure IP71007, “Reactor Vessel Head Replacement Inspection”

The panel was informed that all actions required by the module had been addressed by the inspections performed to date with two exceptions. The VT2 test and control rod drive testing. The panel determined that the VT2 test was covered by the NOP test, and requested the RAM be updated to include the control rod drive test.

**NEW ACTION ITEM - M. Phillips** took action to add a new concern to the RAM to address control rod drive test.

9. Discuss Items for Licensee Weekly Calls

The Panel discussed discussion topics for the next weekly call with the licensee and agreed that there was a need to continue to press them for LERs and LERs under review. Also, the licensee needs to provide a status on its electrical design calculations and when will corrective actions to address calculation results be identified.

10. Discussion of Licensing Issues and Actions

J. Hopkins and A. Mendiola discussed the status of licensing issues and actions. No new items were identified. There was some discussion on what documentation should be provided to close the Restart Checklist items 6.a, 6.e, and 6.f. The decision was to

utilize a feeder to the resident inspection report, with the feeder going through the normal NRR process.

11. Discuss/Update Milestones and Commitments

The Panel reviewed and discussed upcoming milestones and commitments. The June Public Meeting date was confirmed (June 3<sup>rd</sup>), and the public RP95002 exit was added for the morning of April 15<sup>th</sup>.

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</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</p>
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

Item Number	Action Item (Date generated)	Assigned to	Comments
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 <sup>nd</sup> 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.
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.

Item Number	Action Item (Date generated)	Assigned to	Comments
127	Decision of the extent of the needs for resolution of the technical root cause (11/19)	B. Dean	12/10 - Completion date requested; 12/19 - Discussed - Est. delivery Jan. 31 <sup>st</sup> ; 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
132	Consolidate RAM (12/19)	C.Lipa/ A.Mendiola	Due Fri 1/17; 01/31 - Item open; 02/11 - working; 02/21 - to determine the need for ONE list.
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/NOT 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 consciences 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
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.
143	Prepare a special inspection plan for the NOP/NOT test. (01/09)	J. Jacobson	02/21 - date to be determined
144	Prepare a special inspection plan for the corrective action team inspection. (01/09)	D. Hills	01/31 - Working Z. Falevits and R. Gardner; 02/21 - date to be determined; 03/04 - plan discussed and comments to be incorporated
145	Prepare a special inspection plan for the restart readiness team inspection. (01/09)	D. Passehl	02/21 - date to be determined

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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
149	SRI to coordinate with GWright inspection of corrective actions that have been completed by the resident staff. The intent is to find ways to allow GWright's inspection to take credit for what the resident staff already accomplished. (01/09)	S. Thomas	01/31 - open; 02/11 - Documented items in Resident Inspection Report; 02/21 - Good communications noted; Documentation in IR03-02
150	SBurgess to develop a position paper on the state of plant risk when the plant attains Mode 4 for the first time. The purpose is to support NRC scheduling of major inspections until closer to Mode 2. (01/09)	S. Burgess	
151	Develop a plan to assess the safety culture at the plant to close Restart Checklist Item 4.b, effectiveness of corrective actions. Discuss at next 0350 internal Panel meeting. (01/09)	G. Wright	03/18 - closed.

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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
158	In Ken O'Brien's programmatic inspection plan, add to the summary page the addition of Restart Checklist Item 3.i, Process for Ensuring Completeness and Accuracy of Required Records and Submittals to the NRC, and deletion of Item 3.h, Radiation Protection Program. (01/09)	D. Hills/ J. Jacobson	02/25 - Plan for Programs, part 2 brought to panel - comments to be incorporated. 03/18 - closed.
162	Modified Containment Walkdown List assessment to look into effects on ILRT and NOP/NOT tests. (01/21)	P. Lougheed	02/21 - Factor into ILRT plan
163	Flag Allegations requiring action prior to restart (01/21)	M. Phillips	02/11 - All of them require action. Resolve with one letter including Item 164; 02/21 - Develop criteria for Allegations considered Restart Items. Criteria needs Panel approval.

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164	Discuss the need for a Chilling Effect Letter with Bruce Berson (01/21)	M. Phillips	01/31 - Pre-work and then ARB; 02/11 - Resolve with one letter including Item 163; 02/21 - Draft letter with C. Lipa, emailed to Panel for review;
166	Once DRS has developed a draft CY-2004 baseline inspection schedule for Davis-Besse (in conjunction with the upcoming regional inspection planning meeting), DRS will present this to the 0350 panel for review. (01/31)	Panel	02/11 - currently in planning; 02/21 - inspection schedule letter due as soon as possible; 03/04 - in final
172	Create a schedule letter to replace/notify that annual assessment letter and end of cycle public meetings are not occurring (02/11)		02/11 - Panel determined that Annual Assessment letter and End of Cycle public meetings not occurring.
173	Prepare an OSHA MOU letter based on email dated 2/6 from Bilik (2/18)	S.Thomas	02/21 - D. Simpkins working
174	Review 2/4 transcript for Mr. Witt's recommendations (2/18)	R. Lickus	
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	
177	Research IMC0620 and determine what agency policy re: placing inspection plans on ADAMS, including when (e.g., before or after conduct of inspection) does the plan need to be posted. (03/04)	D. Passehl	

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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	
179	Provide answer to questions and document in next inspection report: 1) Did NRC's O350 Panel review FirstEnergy's analysis to forego inspection and testing of two of the four reactor coolant pumps to assure compliance with technical specifications and regulatory requirements? (RAM Item E-23) 2) If so, what were the NRC findings? (RAM Item E-24) (03/04)	S. Thomas	
180	Draft a memo to NRR (Tad Marsh) to include in response to AMS RIII-03-0014 (Kucinich Petition) that RIII reviewed the petition and there are no new technical issues. (03/04)	D. Passehl	
181	Provide an e-mail to the AAA re: chilling effect letter not needed and request her concurrence in that decision (3/18)	M. Phillips	
182	Add a new concern to the RAM to address control rod drive test (3/18)	M. Phillips	