

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 25, 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  
K. Coyne, NRR  
D. Thatcher, NRR  
DB0350

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

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

DATE: March 25, 2003

TIME: 1:00 p.m. Central

ATTENDEES:

J. Grobe	W. Dean	M. Phillips
C. Lipa	J. Jacobson	G. Wright
J. Hopkins	D. Passehl	C. Thomas

Agenda Items:

1. Plant Status and Inspector Insights

C. Thomas provided a briefing on current plant activities.

2. Update on Organizational Effectiveness and Human Performance Inspection

G. Wright provided an update on the organizational effectiveness and human performance inspection. Geoff stated that he expects to get additional inspection resources to help in assessing the safety culture and safety conscious work environment portion of the inspection. Geoff mentioned that the licensee had a good meeting onsite last week when the licensee's consultant provided her preliminary assessment to the licensee on their safety culture. Geoff expects to be onsite next week to plan the next portion of his inspection.

3. Update on Corrective Action Team Inspection

J. Grobe provided an update on the corrective action team inspection. The team is experiencing difficulty in conducting its inspection due to the licensee's corrective action program being cumbersome for tracking closure of corrective action documents and because many corrective action documents were not ready for review, contrary to information provided earlier by the licensee.

4. Discuss Methodology for Closure of Restart Action Matrix (RAM) Items

The Panel agreed that the closure of RAM items will be conducted by consent. Specifically, RAM item closure forms will be provided to Panel members several days in advance of the regular Panel meeting for members' review. The Panel will then approve closure of items by consent.

5. Discuss Criteria for Allegations Requiring Resolution Prior to Restart of the Plant

M. Phillips discussed criteria for resolving allegations prior to restart of the plant. The Panel agreed that the the criteria for requiring an allegation to be closed prior to restart should include whether the concern involves the operability of a component required to

be operable per the plant Technical Specifications. After some discussion the Panel decided to table this discussion until the next regular Panel meeting.

**NEW ACTION ITEM** - M. Phillips to research historical criteria for allegations requiring to be resolved prior to restart for other plants that have had similar problems resulting in extended shutdowns.

In addition, the Panel determined that all licensee requests for extensions to investigations of allegations be approved by the Panel.

6. Discuss Licensing Issues

**NEW ACTION ITEM** - J. Hopkins took action to provide input to the resident inspector report (IR 03-04) regarding Restart Checklist Items **1.a**, "Penetration Cracking and Reactor Pressure Vessel Corrosion; **6.a**, "Verification that Relief Requests A8 and A12 regarding the Shell to Flange Weld (previously submitted by letter dated September 19, 2000) is not Impacted by the Midland RPV Head; **6.e**, "Reconciliation Letter that Demonstrates How the New Reactor Pressure Vessel Head Correlates With the ASME Code and QA Index for Section III and Section XI - Commitments; and **6.f**, "Verification Letter of Technical Specification Pressure/Temperature Curves for New Vessel Head - Commitment."

**ACTION ITEM 136 UPDATE** - The Panel discussed Action Item 136, "NRR acceptance of NOP/NOT criteria and method." The Panel determined that the staff should be polled after the April 4, 2003, meeting in Headquarters. The Panel also determined that the 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.

7. Discuss Action Items

The Panel discussed the list of "open" action items. The Panel directed that Action items 164, 172, 173, 177, and 182 be closed due the actions being accomplished or the action is already encompassed in another existing open action item.

Item 164 - Discuss the need for a Chilling Effect Letter with Bruce Berson.

Discussions with B. Berson and Lisamarie Jarriel, no chilling effect letter is needed at this time.

Item 172 - Create a Schedule Letter to Replace/notify That Annual Assessment Letter and End of Cycle Public Meetings Are Not Occurring.

Closed to Item 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."

Item 173 - Prepare an OSHA MOU letter based on email dated 2/6 from Bilik.

Form was provided to R. Lickus.

Item 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.

Inspection Plans are generally posted as nonpublic and nonsensitive in ADAMS per ADAMS guidance documents.

Item 182 - Add a new concern to the RAM to address control rod drive test.

Concern was added to the RAM.

8. Discuss Abnormal Occurrence Report

The Panel discussed a question from Headquarters regarding whether the Davis-Besse containment sump issue, described in Licensee Event Report 2002-005.

**NEW ACTION ITEM** - C. Lipa took action to research the criteria for abnormal occurrences and report to the Panel.

9. 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</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.

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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 <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 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.
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 test. (01/09)	J. Jacobson	02/21 - date to be determined

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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
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	
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

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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
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.
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; 3/25 - No chilling effect letter at this time. - closed.
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; 3/25 - Closed to item 166.

Item Number	Action Item (Date generated)	Assigned to	Comments
173	Prepare an OSHA MOU letter based on email dated 2/6 from Bilik (2/18)	S.Thomas	02/21 - D. Simpkins working; 3/25 - closed.
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	03/25 - Inspection plans generally posted as nonpublic & nonsensitive in ADAMS - 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	

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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	3/25 - closed.
183	Research historical criteria for allegations requiring to be resolved prior to restart for other plants that have had similar problems (3/25)	M. Phillips	
184	Provide input to the resident inspection report (IR 03-04) regarding Checklist Items 1.a.; 6.a.; 6.e.; & 6.f. (3/25)	J. Hopkins	

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185	Research the criteria for abnormal occurrences and report to the Panel. (3/25)	C. Lipa	