

March 11, 2004

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

FROM: John A. Grobe, Chairman, Davis-Besse Oversight Panel **/RA by C. Lipa Acting for/**

SUBJECT: REVISED JUNE 17, 2003 MINUTES OF INTERNAL MEETING OF THE DAVIS-BESSE OVERSIGHT PANEL (Revised RAM Closure Attachment)

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 June 17, 2003. Attached for your information are the minutes from the internal meeting of the Davis-Besse Oversight Panel, the Restart Action Matrix (RAM) Items approved for closure, and the "Open" Action Items List.

Attachment: As stated

cc w/att: H. Nieh, OEDO
J. Dyer, RIII
J. Caldwell, RIII
R. Gardner, DRS
B. Clayton, EICS
G. Wright, DRP
DB0350

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OF THE DAVIS-BESSE OVERSIGHT PANEL (Revised RAM
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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 June 17, 2003. Attached for your information are the minutes from the internal meeting of the Davis-Besse Oversight Panel, the Restart Action Matrix (RAM) Items approved for closure, and the "Open" Action Items List.

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OFFICE	RIII		RIII		RIII	
NAME	RBaker/ske		CLipa		/RA by C. Lipa Acting for/ JGrobe	
DATE	03/11/04		03/11/04		03/11/04	

OFFICIAL RECORD COPY

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

DATE: June 17, 2003

TIME: 1:00 p.m. Central

ATTENDEES:

J. Grobe	H. Nieh
D. Passehl	C. Lipa
D. Hills	S. Thomas
	J. Hopkins

Agenda Items:

1. Discuss/Approve Restart Checklist **Item 1.b**, "Organizational, Programmatic and Human Performance Issues" for closure

The Panel approved closure of Restart Checklist **Item 1.b**, "Organizational, Programmatic and Human Performance Issues."

2. Discuss/Approve Restart Checklist **Item 4.a**, "Adequacy of Corrective Action Plan" for closure

The Panel approved closure of Restart Checklist **Item 4.a**, "Adequacy of Corrective Action Plan."

3. Discuss Potential Degradation of High Pressure Injection Pumps Due to Debris in Emergency Sump Fluid Post Accident

The Panel discussed an upcoming supplement to Licensee Event Report 2003-002 that the licensee is preparing to address potential degradation of high pressure injection pumps due to debris in emergency sump fluid post accident.

NEW ACTION ITEM - D. Passehl took action to add to the Restart Checklist the licensee's Technical Specification Amendment Request to relocate the high pressure injection and low pressure injection subsystems flow balance testing requirement in Technical Specification 4.5.2.h to the Updated Safety Analysis Report Technical Requirements Manual.

4. Discuss Plant Status and Inspector Insights and Emergent Issues List

S. Thomas discussed plant status and inspector insights and emergent issues.

NEW ACTION ITEM - S. Thomas took action to review worker fatigue issues at the site during the current inspection period.

NEW ACTION ITEM - S. Thomas took action to determine whether the shift manager is qualified to fulfill the shift engineer position in an emergency and whether there is an adverse impact on the licensee's emergency procedure Implementation.

5. Discuss Action Items

The Panel discussed the list of action items and their status.

Item 97 - Bulletins 2002-01 and 2002-02 Response and Acceptance

Open. NRR indicated that response and acceptance of the bulletins is a compilation effort rather than specific review of licensee responses. Panel determined that to close out need acknowledgment letter that the bulletin responses have been received. The expected date of the bulletin responses is June 30.

Item 136 - NRR Acceptance of NOP Criteria and Method

Open. Meeting held in HQ the week of June 9. R. Barrett et. al. discussed that the licensee has no basis that the nozzles are not cracked. May need a TS Amendment. The next step is to engage the licensee.

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

Open. K. Coyne requested to review the emergency sump modification against the Bulletin 2003-01.

NEW ACTION ITEM - C. Lipa, J. Strasma, T. Mendiola, and V. Mityling took action to develop a communication plan with restart Qs and As.

Item 187 - Arrange for Fire Protection Inspection to Evaluate the Licensee's Safe Shutdown Design Calculations in the Context of Electrical and Thermo-hydraulic Design to Support Closure of Restart Checklist Item 5.b, Systems Readiness for Restart

Closed. Inspection is Scheduled for the weeks of July 7 and 14 with B. Daly and a contractor.

Item 190 - Discuss with T. Kozak Removing Davis-Besse from the Operational Management Information Report (OMI)

Open. C. Lipa to discuss with T. Kozak changing the colors of the indicators in the report to gray.

6. Discuss Closed Restart Action Matrix (RAM) Items and Closure Forms

M. Phillips presented and the Panel discussed a list of RAM items for closure. **THE RAM ITEMS APPROVED FOR CLOSURE ARE ATTACHED TO THESE MINUTES.**

7. Discuss New/Potential Licensing Issues

J. Hopkins discussed the status of licensing issues.

8. Discuss Items for Licensee Weekly Calls

The Panel discussed several items for the licensee weekly calls.

9. Discuss/Update Milestones and Commitments

The Panel reviewed and discussed upcoming milestones and commitments.

DAVIS-BESSE OVERSIGHT PANEL "OPEN" ACTION ITEM LIST			
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>

DAVIS-BESSE OVERSIGHT PANEL "OPEN" ACTION ITEM LIST			
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>

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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 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; 05/27 - Discussed - close out need acknowledgment letter that the bulletin responses have been received; 06/17 - Need acknowledgment letter that the bulletin responses have been received. Expected date is June 30th.

DAVIS-BESSE OVERSIGHT PANEL "OPEN" ACTION ITEM LIST			
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.
136	NRR acceptance of NOP criteria and method (01/03) J. Grobe to send an email week of 05/19 with question of whether the licensee's method and criteria are adequate to address the TS for zero unidentified reactor coolant leakage from the reactor coolant system. By the end of the week of 05/19 NRR to formulate a proposed position for discussion. The position by NRR will be discussed by the Panel during the 05/27 0350-Panel meeting. After discussing on 05/27 the issue is to be presented internally within the NRC for dissenting views (05/27 - Reopen)	W. Dean/J. Grobe	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; 05/16 - Closed; 05/27 - Reopen; 06/17 - Meeting held in HQ the week of June 9. R. Barrett et. al. discussed that the licensee has no basis that the nozzles are not cracked. May need a TS Amendment. The next step is to engage the licensee.
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.

DAVIS-BESSE OVERSIGHT PANEL "OPEN" ACTION ITEM LIST			
Item Number	Action Item (Date generated)	Assigned to	Comments
145	Prepare a special inspection plan for the restart readiness team inspection. (01/09)	D. Passehl	02/21 - date to be determined; 05/27 - Discussed.
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
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; 06/17 - K. Coyne requested to review the emergency sump modification against the Bulletin 2003-01.
174	Review 2/4 transcript for Mr. Witt's recommendations (2/18)	R. Lickus	

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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	
186	Add Dennis Kucinich to the standard distribution list on documents for Davis-Besse. Then remove Dennis Kucinich from distribution 90 days after the final NRC reply to his 10 CFR 2.206 Petition is signed out. (04/22)	A. Saso	
187	Arrange for Fire Protection Inspection to evaluate the licensee's safe shutdown design calculations in the context of electrical and thermo-hydraulic design to support closure of Restart Checklist Item 5.b, "Systems Readiness for Restart." (04/29)	R.Gardner	06/17 -Closed. Inspection is Scheduled for the weeks of July 7 and 14 with B. Daly and a contractor.

DAVIS-BESSE OVERSIGHT PANEL "OPEN" ACTION ITEM LIST			
Item Number	Action Item (Date generated)	Assigned to	Comments
188	Arrange for Radiation Protection Inspection to evaluate stability in Radiation Protection organization effectiveness. An inspection plan is to be drafted and presented to the Panel for approval, including applicable Restart Action Matrix items, for an inspection to be conducted in the July 2003 time frame. (04/29)	K.Riemer	
189	Investigate how the NRC handled communication of potential inspection issues and findings during in-progress inspection work at Millstone in regards to their organization and human performance problems. (05/16)	B.Ruland	05/27-Discussed
190	Discuss with T. Kozak removing Davis-Besse from the Operational Management Information Report (OMI). (05/16)	C.Lipa	05/27-Discussed; 06/17 - C. Lipa to discuss with T. Kozak changing the colors of the indicators in the report to gray.
191	Prepare Questions and Answers (Qs and As) once the GT 221 letter to Rep. Kucinich is issued to ensure consistent communications regarding how the NRC articulates issues to the public. (05/16)	C.Lipa/ A.Mendiola	
192	Draft an update to the March 31, 2003, inspection schedule letter. (05/16)	D. Passehl	

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193	Consider TIA on an issue pertaining to 10 CFR 50 Appendix R Section III-L, "Alternative and Dedicated Shutdown Capability." (05/27)	T. Mendiola	A concern was identified for the shutdown function performance goal of maintaining reactor coolant level. An NRC safety evaluation report issued in 1991 apparently allows the licensee to maintain reactor coolant level above the top of active fuel instead of maintaining level within the range of indication in the pressurizer.
194	Add to the Restart Checklist the licensee's Technical Specification Amendment Request to relocate the high pressure injection and low pressure injection subsystems flow balance testing requirement in Technical Specification 4.5.2.h to the Updated Safety Analysis Report Technical Requirements Manual. (06/17)	D. Passehl	
195	Review worker fatigue issues at the site during the current inspection period. (06/17)	S. Thomas	
196	Determine whether the shift manager is qualified to fulfill the shift engineer position in an emergency and whether there is an adverse impact on the licensee's emergency procedure Implementation. (06/17)	S. Thomas	
197	Develop a communication plan with restart Qs and As. (06/17)	C. Lipa, J. Strasma, T. Mendiola, V. Mityling	

RAM Item No. - C-25

Closed: Y

Description of Issue - AOV's not properly sized to open against design pressure in the event of an accident. Some will need modifications/resetting.

Description of Resolution - This item is being closed because it is a duplicate of Item LER-10. Specific closure for the issue is documented in the closure for RAM Item LER-10.

RAM Item No. - C-27

Closed: Y

Description of Issue - HPI Pump hydrostatic bearing cooling/lube may be blocked if water source is via piggyback from the sump due to differences in sump strainer size and internal cooling tubing.

Description of Resolution - This item is being closed because it is a duplicate of Item LER-11. Specific closure for the issue is documented in the closure for RAM Item LER-11.

RAM Item No. - SUP-63

Closed: Y

Description of Issue - Complete 95002 Inspection in the Radiation Protection strategic arena.

Description of Resolution - Inspection Report 50-346/03-08, "Davis-Besse Nuclear Power Station NRC Supplemental Inspection and Radiation Protection Program Effectiveness Review," was issued on May 30, 2003, and completes the action on this item.

Reference Material - Inspection Report 50-346/03-08 (ADAMS Accession No. ml031500693).