

June 13, 2003

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

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

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 May 16, 2003. Attached for your information are the minutes from the internal meeting of the Davis-Besse Oversight Panel, the "Open" Action Items List, and ROP Sample Status 1<sup>st</sup> Quarter 2003.

Attachments: 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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OFFICE	RIII		RIII		RIII		RIII	
NAME	DPassehl/kg		MPhillips		CLipa		JGrobe / <b>RA DPassehl Acting for/</b>	
DATE	05/21/03		05/21/03		05/29/03		06/13/03	

**OFFICIAL RECORD COPY**

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

DATE: May 16, 2003

TIME: 9:00 a.m. Central

ATTENDEES:

J. Grobe	M. Phillips	D. Simpkins
D. Passehl	W. Ruland	J. Hopkins
T. Mendiola	B. Clayton	R. Gardner
J. Rutkowski	S. Thomas	
C. Lipa	G. Wright	

Agenda Items:

1. Discuss Progress of the Management and Human Performance Team Inspection

G. Wright discussed the status of his Management and Human Performance Team Inspection. Restart Checklist Items 1.a and 4.b were discussed for closure however, the RAM closure forms were not complete and the Panel deferred closure of these items pending review of the associated RAM closure forms.

**NEW ACTION ITEM** - B. Ruland to 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.

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

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

3. Discuss Action Items

The Panel discussed the list of "open" action items. The Panel directed that **Action items 54c, 127, 133, 154, 156, and 175 be closed** due the actions being completed.

**Item 54c** -In relation to action item 54a - Assess method to ensure Technical Specifications are adequate for a cycle, administrative controls vs. amending technical specifications

This Item to be addressed with Item 54a.

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

Technical root cause discussed in Inspection Report 03-04 under closure of Restart Checklist Item 1.a.

**Item 133** - 12/29 Taping of debate

This action was not complete; however, Item 133 is no longer important. Viewing the tape would not be of much use.

**Item 136** - NRR acceptance of NOP criteria and method

J. Grobe to send an email week of 05/19 with Panel's 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.

**Item 154** - Marty followed up with licensee to understand licensee's actions to address common mode failure issues (i.e., topical issues) and brief Panel. Then he developed an inspection plan to address topical issues

**Item 175** - LER licensee commitment on Containment Air Cooler Supplement for 01/31/03

**Item 185** - Awaiting significance determination - feedback to HQ when the transport analysis is received from the licensee

4. Discuss Adding an Action Item to Receive FEMA's Reply

The Panel determined that no action item was needed as this is already addressed in the Process Plan.

5. Discuss 1st Quarter ROP Sample Assessment

S. Thomas presented the 1st quarter ROP sample assessment. The Panel determined that the scope of the resident inspection conducted during the first quarter of CY 2003 was appropriate and reasonably consistent with ROP expectations. **The ROP Sample Status for the first quarter of CY 2003 is included as an attachment to these minutes.**

**NEW ACTION ITEM** - C. Lipa to discuss with T. Kozak removing Davis-Besse from the Operational Management Information Report (OMI).

6. Discuss New letter from Kucinich

C. Lipa discussed a recent letter from Representative Kucinich regarding G. Wright's Management and Human Performance Safety Culture Phase 3 Inspection.

**NEW ACTION ITEM** - C. Lipa and T. Mendiola to prepare Questions and Answers (Qs and As) once the letter is issued to ensure consistent communications regarding how the NRC articulates issues to the public.

7. Discuss New Allegations

M. Phillips mentioned that one new allegation will be discussed at the next Allegation Review Board meeting.

8. Discuss New/Potential Licensing Issues

J. Hopkins mentioned that the licensee submitted a License Amendment Request (LAR) regarding use of the high pressure safety injection pumps during the upcoming NOP test. The LAR is posted on the public Davis-Besse web site.

9. Discuss Need for update of Inspection Schedule Letter

The Panel discussed the need for an update to the March 31, 2003, inspection schedule letter.

**NEW ACTION ITEM** - D. Passehl took action to draft an update to the March 31, 2003, inspection schedule letter.

10. Discuss Items for Licensee Weekly Calls

The Panel discussed several items for the licensee weekly calls.

11. 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>

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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, &amp; Mendiola to discuss; 04/08 - J. Hopkins to set up call for 4/11/03</p>

DAVIS-BESSE OVERSIGHT PANEL "OPEN" ACTION ITEM LIST			
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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; 05/16-To be addressed with Item 54a. Closed.
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; 04/08 - Discussed, leave open pending NRR review



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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 <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; 04/08, sent on Mar 31, leave open pending confirmation of receipt; 05/16 - IR 03-04 under closure of Restart Checklist Item 1.a. - Closed
133	12/29 Taping of debate	J.Collins/ D.Simpkins	01/03 - Licensee to deliver tape to J. Strasma; 02/24 - Tape sent; 05/16 - Closed

DAVIS-BESSE OVERSIGHT PANEL "OPEN" ACTION ITEM LIST			
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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; 05/16 - Closed.
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

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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
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; 05/16 - Closed.
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	
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; 05/16 - Closed.

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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	
185	Research the criteria for abnormal occurrences and report to the Panel. (03/25)	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; 05/16 - Closed
186	Add Dennis Kucinich to the standard distribution list on documents for Davis-Besse. Then remove Dennis Kucinich from distribution 90 days after the 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	

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188	Arrange for Radiation Protection Inspection to evaluate management stability in the Radiation Protection organization. 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	
190	Discuss with T. Kozak removing Davis-Besse from the Operational Management Information Report (OMI). (05/16)	C.Lipa	
191	Prepare Questions and Answers (Qs and As) once the letter 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	

### **ROP SAMPLE STATUS 1<sup>st</sup> Quarter 2003**

71111.04Q (equipment alignment)	2 samples	[11 min/yr]
71111.05Q (fire protection)	5 samples	[6 min/qtr]
71111.12Q (maintenance effectiveness)	1 sample	[8 min/year]
71111.13 (maintenance risk assess.)	5 samples	[15 min/yr]
71111.14 (nonroutine evolutions)	2 samples	[6 min/yr]
71111.15 (operability evaluations)	4 samples	[15 min/yr]
71111.19 (post maint. testing)	4 samples	[20 min/yr]
71111.22 (surveillance testing)	8 samples	[18 min/yr]
71111.23 (temp. plant mods)	1 sample	[5 min/yr]
71152 (PI&R)	1 sample	[3 min/yr]
71153 (event followup)	2 samples	[as needed]

For the first quarter, the samples required to verify the licensee progress toward restart has matched up pretty closely with what the ROP requires for samples. This data reflects the we were one sample short 71111.05Q and 71111.11. It should also be noted that the resident staff used approximately 180 hours on Plant Status, approximately 170 hours supporting the 0350 process, and approximately 33 hours evaluating issues utilizing the resident inspectors special inspection procedure (93812 - resident inspection of restart issues).

Due to the special status of Davis-Besse as an 0350 plant, the resident staff focus was not on completing the ROP sample requirements, but to use the inspection procedures, in conjunction with W90086 (0350) and IP 93812 (resident special inspection of restart issues), to inspect the required activities to assess the licensee progress toward being able to restart the plant.