

March 25, 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 February 21, 2003. Attached for your information are the minutes from the internal meeting of the Davis-Besse Oversight Panel, the "Open" Action Items List, and Inspection Plan for Davis-Besse Special Inspection for Resident Inspections.

Attachments: As stated

cc w/att: H. Nieh, OEDO  
J. Dyer, RIII  
J. Caldwell, RIII  
M. Parker, RIII  
G. Wright, RIII  
DB0350

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OFFICE	RIII		RIII		RIII		
NAME	DPassehl		CLipa		JGrobe		
DATE	03/11/03		03/20/03		03/25/03		

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

DATE: February 21, 2003

TIME: 12:00 p.m. Central

ATTENDEES:

J. Grobe	J. Hopkins	M. Phillips
C. Lipa	G. Wright	J. Collins
B. Dean	D. Passehl	

Agenda Items:

1. Discuss Plant Status and Inspector Insights

J. Collins briefed the Davis-Besse Oversight Panel (DBOP) on plant status as follows:

- Fuel Load - 50 fuel assemblies are loaded into the core. 127 assemblies are remaining. Fuel loading scheduled to be complete on Sunday evening.
- Containment Air Coolers - Work continues on #1 CAC service water tree. A bump start of the #2 CAC was successful.
- Mode 5 Restraints - 25 condition reports and 9 work orders remaining.

2. Discuss SRI Backlog Inspection

A DBOP discussion was held on resident baseline inspections related to 0350 activities verses other 0350 time requirements.

3. Discuss RAM

C. Lipa briefed the DBOP on the status of the RAM. A letter with the RAM as an attachment will be sent out today. It was up-to-date last week, however it should be considered a growing document. DBOP members were asked to review the document and assignments. M. Phillips was tasked to ensure that all NCV's were added to the RAM. The current RAM size is 43 pages with over 200 items.

The DBOP discussed the issue of two tracking lists being maintained on similar issues. The RAM and a DLPM work-off list were identified as similar products. The DBOP agreed to continue using the two lists due to the identification of sufficient differences in format and use such that the work expended was not redundant.

4. Discuss and Approve Resident Inspector Inspection Plan

The DBOP approved the Resident Inspector Inspection Plan. The approved plan is attached.

5. Review and Approve Programs Inspection Plan

The DBOP discussed the request by the State of Ohio to send observers to each of the Inspections being performed at Davis-Besse. It was recognized that the MOU between the NRC and the State of Ohio that a maximum of one observer per inspection would be used.

6. Review and Approve NOP/NOT Inspection Plan

This item was not ready for DBOP review.

7. Review and Approve the CATI Inspection Plan

The DBOP discussed the CATI inspection plan. Eight individuals are assigned to the team. Four personnel from DRS and four contractors. Current issue for the plan is licensee work completion to properly schedule inspection dates.

8. Review and Approve the Fire Protection Inspection Plan

The DBOP discussed a modified Appendix R inspection consisting of three inspectors for a one week duration. The outcome of the inspection would form the basis for an additional full Appendix R inspection this year.

9. Discuss Action Items

The DBOP discussed open action items and determined actions documented in the attached Action Item List.

10. Discuss Allegations Necessary to Be Resolved Prior to Restart

Items discussed by DBOP, but no general resolution was derived.

11. Discuss Dates When Inspection Scheduling Letter Due

Date not determined.

12. Status Allegations Older than 120 Days

M. Phillips briefed the DBOP on the three remaining allegations older than 120 days.

13. Discussion of Licensing Issues and Actions

Weekly licensing meetings with the licensee scheduled to begin next week.

14. Discuss/Update Milestones and Commitments

The following items were discussed by the DBOP.

- 2/19 - Brief SCollins on End-of-Cycle meeting results
- Dates for John Zwolinski and Brian Sheron Visit - March 10, 11 and 12 possibilities.

- 2/27 - Jim Dyer, Jack Grobe, Brian Sheron, and Roland Lickus will brief Ohio Governor Taft and 10-15 others in the state of Ohio offices on the Davis-Besse.
- 3/11 - 0350 Public Meeting at Camp Perry
- 4/15 - 0350 Public Meeting
- 5/6 - 0350 Public Meeting
- 5/6 - Regulatory Information Conference
- 6/17 - 0350 Public Meeting - expected to move

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.
125	Review LLTF report for 0350 issues / SMRT team	Mendiola/ Lipa	01/07 - In progress 02/11 - Nearing Completion 02/21 - Closed
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.
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.



Item Number	Action Item (Date generated)	Assigned to	Comments
133	12/29 Taping of debate	J.Collins/ D.Simpkins	01/03 - Licensee to deliver tape to J. Strasma
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 Fluse 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.
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.
139	Licensing Actions Review for DBOP internal meeting on 01/21/03 (01/07)	J. Hopkins	01/21 - Moved to next internal meeting. 01/31 - Moved 02/11 - Next meeting 02/21 - Moved
142	Properly reassign past inspection hours charged to TAC W90086 into the Reactor Program System (RPS). Prepare a memo to JDyer to reassign hours. (01/09)	C. Lipa	01/31 - In progress 02/11 - Resident Inspector 0350 special inspection plans presented to the panel and accepted. 02/21 - Note how many 0350 hours would have been assigned to inspection prior to the 0350 inspection TAC creation.
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
145	Prepare a special inspection plan for the restart readiness team inspection. (01/09)	D. Passehl	02/21 - date to be determined

Item Number	Action Item (Date generated)	Assigned to	Comments
146	Arrange a Panel briefing by RLangstaff to get insight into the scope and depth of 10 CFR 50 Appendix R and EOP issues at Davis-Besse so that the Panel can factor this into the inspection plans for the corrective action team inspection and restart readiness team inspection. (01/09)	D. Passehl	01/31 - open; 02/21 - Closed
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
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	

Item Number	Action Item (Date generated)	Assigned to	Comments
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	
153	Discuss with Ken O'Brien which corrective actions will be inspected and addressed in his programmatic effectiveness report so that items which warrant inspection which will not be addressed in Ken's report get addressed during the corrective action inspection. (01/09)	D. Hills/ J. Jacobson	02/21 - Closed
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
155	Get resources to supplant resident inspector staff vacancies in February. SRI has military leave and the RI had househunting scheduled. (01/09)	C. Lipa	02/21 - 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.

Item Number	Action Item (Date generated)	Assigned to	Comments
157	Have resident inspection staff address whether the licensee is correctly classifying and categorizing their backlog relative to work orders, corrective actions, and modifications to hardware. (01/09)	S. Thomas	01/31 - Special Inspection Plan inclusion; 02/21 - Document then Close
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	
159	Document closure of Restart Checklist Items 6, licensing issue resolution, in the resident inspector report. (01/09)	J. Hopkins	01/21 - Feb 1. 01/31 - One open item, send to S. Thomas for inclusion in report; 02/11 - Followed up for inclusion; 02/21 - Included & closed
160	Draft fragnet of inspection resources, plans, and schedules. (01/09)	C. Lipa	01/21 - Fragnet-"time line". 01/31 - Names needed
161	Update the RAM. (01/09)	J. Jacobson M. Phillips	02/21 - Add NCV's to RAM
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.

Item Number	Action Item (Date generated)	Assigned to	Comments
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.
165	Ensure the CAT inspection is scoped accordingly (01/31)	Z. Falevits	02/21 - Closed to 144
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.
167	R. Gardner to brief panel on Appendix R inspection requirements prior to restart.	R. Gardner	02/21 - Closed
168	Verify type of commitment to D. Lochbaum in public documentation in inspection reports or meeting minutes for question resolution. Item developed from action item #74. (02/11)	Panel	02/11 - In process of, coordinating with NRR, and submitting for panel review and approval. 02/21 - Item closed tracked through item #74
169	Tracking of response method commitments to Gurdziel letters. Item developed from action item #74 (02/11)	G. Dick	02/21 - RAM closure item, item closed
170	Prepare a special inspection plan for the ILRT (02/11)	M. Farber	

Item Number	Action Item (Date generated)	Assigned to	Comments
171	Include dates and deadlines to Manual Chapter 0350 restart inspections planner (02/11)	D. Passehl	02/21 - closed to 147
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

## INSPECTION PLAN

### Davis-Besse Special Inspection for Resident Inspections

Inspection Report Numbers: Various, beginning with 03-02

#### Inspection Background and Objectives

Due to the large amount of direct inspection resources expended by the resident staff to followup on activities directly related to Davis-Besse Oversight Panel issues, the Panel decided to develop a means to allow for better documentation and tracking of direct inspection effort spent by the resident staff during evaluation of these issues, not specifically covered by baseline inspection procedures or other special inspections. The objective of this ongoing special inspection is to evaluate and document specific issues directly related to Davis-Besse restart issues not specifically covered by baseline inspection modules.

#### Inspection Dates

The results of inspection activities, per this inspection plan, will be documented in the routine resident inspection reports. The inspection plan will be effective beginning with Inspection Report 50-346/03-02 and remain in effect for future routine resident inspection reports until the dissolution of the Davis-Besse Oversight Panel.

#### Inspection Procedure

IP 93812 "Special Inspection." This procedure implements the requirements for Special Inspection (SI) responses to operational events at power reactor licensee facilities. The IPE code to use is "ER."

Prepared by:           /RA DPassehl Acting for/            
S. Thomas, Senior Resident Inspector

Reviewed by:           /RA DPassehl Acting for/            
C. Lipa, Chief  
Branch 4, Division of Reactor Project

Approved by:           /RA/            
J. Grobe, Chairman  
Davis-Besse Oversight Panel

## **INSPECTION PLAN DETAILS**

### **I Inspectors:**

Davis-Besse Resident Inspection Staff and other inspectors supporting the resident office.

### **II Inspection Schedule:**

The results of inspection activities, per this inspection plan, will be documented in the routine resident inspection reports. The inspection plan will be effective beginning with Inspection Report 50-346/03-02 and remain in effect for future routine resident inspection reports until determined by the Davis-Besse Oversight Panel.

### **III. Specific Inspection Activities:**

The objective of this ongoing Special Inspection is to evaluate and document specific issues directly related to Davis-Besse restart issues not specifically covered by baseline inspection procedures or other existing procedures. The inspectors will perform inspections, as required, to adequately assess licensee performance and readiness for restart, in the following areas:

- Inspecting the performance of plant activities, including maintenance activities;
- Followup of specific Oversight Panel technical issues;
- Attend and assess selected licensee restart readiness meeting;
- Evaluate licensee performance in categorizing, classifying, and correcting deficient plant conditions during the restart process;
- Review licensee controls, criteria, and assess licensee performance at meetings associated with adding work items to the back log, including deferral of work orders, work arounds, temp mods, and permanent mods; and
- Review activities associated with safety conscious work environment and safety culture.

The inspectors will utilize IMC 0609, "Significance Determination Process," to evaluate the risk significance of inspection findings. Preliminary findings, including "green" or above as determined by the Significance Determination Process will be discussed with NRC managers and with licensee managers at the applicable exit meeting.