

June 29, 2005

MEMORANDUM TO: Davis-Besse Oversight Panel

FROM: Steven A. Reynolds, 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 July 15, 2004. Attached for your information are the revised minutes from the internal meeting of the Davis-Besse Oversight Panel, Approved Summary of Meeting with the Ottawa County Commissioners (July 13, 2004), Approved Inspection Plan for Safety Culture/SCWE, and the "Open" Action Items List. The minutes were revised to update the Inspection Plan for Safety Culture/SCWE and modify Agenda Item 2.

Attachments: As stated

cc w/att: U. Schoop, OEDO  
J. Caldwell, RIII  
G. Grant, RIII  
M. Satorius, DRP  
K. O'Brien, EICS  
DB0350

**See Previous Concurrences**

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DATE	06/28/05		06/28/05		06/29/05			

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MEETING MINUTES: Internal IMC 0350 Oversight Panel Meeting

Davis-Besse Nuclear Power Station

DATE: July 15, 2004

TIME: 1:00 p.m. Central

ATTENDEES:

J. Grobe  
C. Lipa  
R. Smith

J. Hopkins  
G. Wright

S. Thomas  
J. Rutkowski  
M. Salter-Williams

Agenda Items:

1. Discuss/Approve Today's Agenda

The Panel approved the agenda, but modified the order of presentations. **THE APPROVED AGENDA REFLECTS THE ORDER LISTED IN THESE MINUTES.**

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

M. Salter-Williams led a discussion of a plant event which occurred earlier in the day (July 15). The licensee was restoring the Integrated Control System (ICS) to automatic from manual after completing testing. While placing the Diamond panel control switch from automatic to manual the plant instrumentation sensed a positive 10 percent Neutron Flux error which resulted in Control rods driving into the core for ~5 seconds. The licensed operator placed the ICS back to manual which stopped the control rod insertion with power at 99 percent. The licensee has formed a problem solving team to identify the cause and recommend corrective action. They have left the ICS in manual with power at 99 percent. The panel discussed another related event that occurred during startup.

The Panel also discussed issues with the licensee's plans to submit PI data related to the sirens. The licensee believes they have adequate bases to count the additional test; however, K. Riemer has now provided to the licensee a letter from FEMA that makes it clear the extra tests should not be counted.

3. Discuss Results of Recent Inspections and Inspection Plans

C. Lipa led a discussion of recent results from the modification and the 50.59 inspection and inspection plans.

J. Grobe brought up a new item from his discussion with one inspector from modification inspection. This new issue came up after the exit and needs to be followed up.

**ACTION # 273** Brief the panel on potential new finding from the Mods/50.59 inspection.

4. Discuss Ottawa County Commissioner Meeting

C. Lipa led a discussion of meeting held on July 13 with Ottawa County Commissioners, summary write up approved by the panel.

**Attached is the approved summary write up.**

**ACTION # 270** Set up next meeting with the County Commissioners

**ACTION # 271** Include status of LLFT at next briefing for County Commissioners, and strategize with DIPM on topics.

5. Discuss Inspection Plan for Safety Culture inspection the week of 7/19/04

G. Wright led a discussion of his Inspection Plan. Plan was modified by the Panel and approved with minor edits.

**Attached is approved Inspection plan.**

6. Concept of inspection/intrusiveness for in-plant week

C. Lipa led a discussion about oversight of the External Assessment Teams. The panel agreed that the team leads should be at the exit meetings, the licensee should report the results at the next public meeting, and that the process should be observed with only fact based questions of the assessment teams.

7. Discuss Allegations

C. Lipa reported there were no new Allegations.

8. Discuss New/Potential Licensing Issues

J. Hopkins led a discussion of the licensee call with NRR on 7/14 about Root Cause Evaluation of the Reactor Head degradation. *(NRR will get back to the licensee)*

9. Discuss Communications Status

Communications matrix discussed. Panel Chairman informed the panel to ensure anything over 45 days overdue needs to come to the attention of the Panel, so a plan can be formulated.

10. Discuss Fox News Video Tape of Davis-Besse

C. Lipa discussed the Fox News of Cleveland Davis-Besse piece. It aired 7/14 and 7/15 and is critical of the NRC and licensee.

11. Discuss Action Items

The Panel discussed the list of open action items. See updated list.

**THE UPDATED ACTION ITEMS LIST IS ATTACHED TO THESE MINUTES.**

12. Discuss Input for Weekly Branch Chief Call with Licensee

C. Lipa discussed the routine call with the licensee, and the importance of maintaining an open dialog with Branch Chief on emergent issues.

J. Grobe discussed the failed cable issue and requested that DRS report back to the panel.

**ACTION # 274** Underground Cable failure assessment

13. Discuss Draft Weekly Status Report

C. Lipa discussed weekly status report and the report was modified by the Panel and approved. The report is now issued every other week.

14. Discuss/Update Milestones and Commitments

The Panel reviewed and discussed upcoming milestones and commitments.

The Panel determined the next Public Meeting would be 9/21 or 9/23. Topics to include:

- 1) New Organization and experience levels
- 2) Comprehensive discussion of backlogs
- 3) Any resource constraints to working off backlogs
- 4) Qualifications status of system engineers for maintenance rule

**ACTION # 272:** Ensure these items are provided to licensee for next month's meeting.

**ACTION # 275:** Ask Roland to contact Ottawa County Commissioners about date of the next meeting.

### Meeting with Ottawa County Commissioners (July 13, 2004)

On July 13, 2004, we met for approximately 2 hours with the Ottawa County Commissioners (Arndt, Koebel, Papcun) and the Ottawa County Administrator (Jere Witt) at the Ottawa County Courthouse. The Agency representatives included: Jon Hopkins, Jack Grobe, Christine Lipa, Scott Thomas, Alex Garmoe, and Richard Smith.

Scott Thomas provided most of the presentation, which included the following topics:

- Reactor Oversight Program Review: This topic included a basic discussion covering Strategic Performance Areas, Cornerstones, Performance Indicators, baseline inspection activities, the Plant Issues Matrix, the Action Matrix Concept (including how many plants were in each of the response columns at the end of CY2003), and the IMC 0350 process.
- Post-Restart Inspection Strategy: This topic included a discussion of the six components of the Davis-Besse post-restart inspection strategy. The first two components included utilizing Reactor Oversight Program inspection procedures to perform required routine baseline inspections and performance indicator data evaluation. The next four components were comprised of Special Inspections and/or additional baseline samples in the areas of problem identification and resolution; provide additional performance insights where NRC performance indicator data is insufficient; special inspections to evaluate compliance with the Confirmatory Order; and special inspections to evaluate the implementation and effectiveness of licensee commitments in its Cycle 14 Operational Improvement Plan. This inspection approach was reviewed and approved by the 0350 Oversight Panel.
- Plant Restart Inspection Activities: This topic included a discussion of the inspection team, operational areas assessed, licensee weaknesses and strengths that were identified by the team, and the team's conclusion that the licensee's performance was adequate to support continued safe operation of the facility.
- Operational Performance Since Restart, Including a Review of the Material Discussed with the Licensee During the Recent Resident Exit Meeting (IR 2004-08): We stated that the licensee had operated for over 3 months without a safety significant event. We believed that the licensee had the people and plans in place to be successful; however, we also discussed several examples that illustrated poor performance which included: missed Technical Specification surveillance test; inaccurate data entry during steam generator valve testing which resulted in a relief valve being improperly set; timeliness in evaluating potentially risk significant condition reports, and inattention to detail while performing a work activity which led to an OSHA reportable injury.

The County Commissioners asked several questions regarding the resident relocation policy, the Reactor Oversight Program, NRC's previous experience with 0350 plants following restart, and progress the Agency has made in implementing action items associated with the Lessons Learned Task Force for Davis-Besse.

We made a commitment to brief the Commissioners approximately once a calendar quarter, while the plant is still under 0350. For the next meeting, the Commissioners asked that we go into more detail on the status of the implementation of the action items that resulted from the Davis-Besse Lessons Learned Task Force and update them on the breakdown of the number of plants that are currently in each of the Action Matrix response columns. Scott Thomas will be responsible for coordinating the date of the next meeting with Jere Witt and this will be coordinated with the timing of the next public 0350 meeting.

**APPROVAL SHEET**  
**FOR**  
**CORRECTIVE ACTION EFFECTIVENESS REVIEW FROM THE NOVEMBER 2003 SAFETY**  
**CULTURE/SAFETY CONSCIOUS WORK ENVIRONMENT SURVEY**

**Inspection Dates:**

July 19 through July 30, 2004

**Exit:**           TBD

**Applicable Inspection Procedures:**

93812, "Special Inspection"

**Inspection Procedure:**

Prepared by: <u>/RA/</u>	<u>7/16/04</u>
G. C. Wright, RIII, DRP	Date
Project Engineer/Team Lead	
Reviewed by: <u>/RA/</u>	<u>7/19/04</u>
Christine Lipa	Date
Chief, Projects Branch 4, DRP	
Approved by: <u>/RA/</u>	<u>8/6/04</u>
John A. Grobe, Chairman,	Date
Davis-Besse 0350 Oversight Panel	

Corrective Action Effectiveness Review from the November 2003 Safety Culture/safety  
Conscious Work Environment Survey

*The inspection will be accomplished by a team of NRC inspectors and  
specialists.*

I. Inspection team make-up:

Team Leader: Geoffrey Wright, Region III  
Team Members: Clare Goodman, NRR  
Julius Persensky, RES  
Lisamarie Jarriel, OE  
Andrea Kock, OE

II. Inspection Activities:

Docket = 05000346  
Report No. = 50-346/2004013  
Insp. Proc. = 93812  
Inspection IPE= ER  
Preparation IPE = SEP  
Documentation IPE = SED  
Travel = AT  
  
Entrance Meeting: July 19, 2004  
Inspection Time: July 19 - 23, 2004 On-site  
July 26 - 30, 2004 In-office  
0350 Panel Briefing: TBD  
Exit Meeting: TBD.

III. Inspection Deliverables:

This special inspection is designed to provide the NRC's 0350 Panel (Panel) with an evaluation of the following aspects of the licensee's continuing efforts to improve and monitor the safety culture and safety conscious work environment at Davis-Besse:

- A. The corrective actions taken by the licensee in response to the SCWE survey conducted in November 2003 and the licensee's assessment of the survey.
- B. The effectiveness assessment conducted by the licensee for the corrective actions in "A."
- C. An assessment of the licensee's quarterly safety culture monitoring business practice and its implementation.

IV. Inspection Details

A. Corrective Action Review

- 1. Review Condition Reports generated as a result of the November 2003 survey and associated assessment.



2. Evaluate corrective actions associated with the Condition Reports to determine whether they address the causes for the conditions.
- B. Evaluate the licensee's corrective action effectiveness team assessment conducted in 2<sup>nd</sup> quarter of 2004.
1. Assess methodology
  2. Review Licensee team composition
  3. Conduct Focused Group Interviews
    - a. Staff within organizations (8-10 individuals per group).
      - 1) Ops
      - 2) Maintenance
      - 3) Chem
      - 4) Plant Eng
      - 5) NQA
      - 6) Rapid Response/Design Engineering
      - 7) Security
      - 8) Outage Management/Work Control
      - 9) Supervisors
      - 10) Contractors
    - b. Special groups.
      - 1) TOP Team
      - 2) SCWERT
      - 3) "Volunteers"
      - 4) Independent Review Team
  4. Document Review (As available and time permitting):  
 Review the following items for the listed areas:  
 Charter, if new or changed since Jan 04  
 Procedures, if new or changed since Jan 04  
 Minutes  
 Reports
    - a. TOP
    - b. ECP
    - c. SCWERT
    - d. Independent Team
      - 1) Report
      - 2) Comments
    - e. CR/CAs
    - f. Monthly Safety Culture Pls
    - g. SCWE Pls
    - h. "3 Question" survey
  5. SCWE Aspects of the Reorganization Plan
    - a. Communication Plan
    - b. Change Management Process
    - c. SCWERT involvement.
  6. Activity Observations (as available):
    - a. TOP Team
    - b. SCWERT

- c. Shift Turnover
- d. Safety Culture Monitoring
- e. Work Planning
- e. All Hands
- f. SCWE/Supervisory Training
- g. 4 Cs
- h. Town Meeting

C. Evaluate licensee's quarterly safety culture monitoring business practice and its implementation.

1. Review NOBP-LP-2502 Rev 0 for quarterly monitoring safety culture and evaluate:
  - a. the appropriateness of monitored items;
  - b. the criteria used to assess effectiveness; and
  - c. the process used when an item does not meet criteria
  - d. any weaknesses that would limit its effectiveness as the tool to monitor safety culture at Davis-Besse prior to restart.  
(Note: During recent public meeting, the licensee indicated they were only looking at one months worth of information/data. They were NOT using a rolling 2/4/6 month type of look - they were getting a one month snap shot look rather than an integrated look)
2. Review results from implementation of NOBP-LP-2502 against interviews.
3. Review the licensee's actions to address areas which do not meet goals or metrics with declining trends and evaluate:
  - a. the system used to address issues;
  - b. how the issues are tracked;

V. Brief 0350 Oversight Panel on findings and conclusions from inspection.

VI. Exit Meeting

DAVIS-BESSE OVERSIGHT PANEL "OPEN" ACTION ITEM LIST				
Item No.	Action Item (Date generated)	Assigned to	Comments	Due Date
208	Evaluate the need to call back CI regarding Allegation RIII-2002-A-0177 (D-B) after the OI Investigation is complete. (8/21)	D.Passehl	10/14-Investigation is still ongoing; 12/23-Discussed, awaiting DOJ Investigation; 2/20-Discussed, Panel decided this item will be considered post-restart.	TBD
249	Ensure Enhanced Inspection Plan includes followup M&HP review of licensee monthly PIs and 2 <sup>nd</sup> quarter corrective action effectiveness for Nov '03 ECP survey results. (2/18)	G. Wright	2/19-Determined not necessary prior to restart decision; 2/20-Discussed, Panel decided this item will be considered post-restart; 3/30-Discussed, these focus areas will be included in specific inspection plan and presented to Panel for approval; 4/27-Discussed, these items will be addressed in the specific inspection plans being developed by the Focused Area Leads.	7/09/04 7/15/04 Closed
250	Ensure Enhanced Inspection Plan includes commitments listed in RAM Item C-41. (2/18)	C. Lipa	2/19-Determined not necessary prior to restart decision; 2/20-Discussed, Panel decided this item will be considered post-restart; 3/30-Discussed, these focus areas will be included in specific inspection plan and presented to Panel for approval; 4/27-Discussed, these items will be addressed in the specific inspection plans being developed by the Focused Area Leads.	7/23/04
251	Ensure Enhanced Inspection Plan includes a followup on the UHS SW CR resolution. (2/18)	C. Lipa	2/19-Determined not necessary prior to restart decision; 2/20-Discussed, Panel decided this item will be considered post-restart; 3/30-Discussed, these focus areas will be included in specific inspection plan and presented to Panel for approval; 4/27-Discussed, these items will be addressed in the specific inspection plans being developed by the Focused Area Leads. 6/17/04 Clarification: This is associated with SW flow rates during warm weather operation.	7/23/04

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

Item No.	Action Item (Date generated)	Assigned to	Comments	Due Date
253	Publicly release promptly all documents that need to go public as specified in IMC 0350. (2/27)	C. Lipa/ D. Passehl	2/27-Discussed, this includes panel minutes and all other documents specified in 0350; 3/16-Discussed, the Panel meeting minutes will be completed and ready for public issue by 3/30/04. The Panel will be briefed at next Panel meeting on status of making remaining documents public per 0350; 3/30-Discussed, a specific list of documents remaining documents to be made public will be presented to Panel; 4/27-Discussed, the revised Pre-Restart Panel Process Plan and backlog of Panel minutes are the only remaining item to make publicly available. All will be in final by the end of this week, 5/7/04.	6/30/04
263	Draft a memorandum to J. Caldwell and J. Dyer discussing the 0350 process termination criteria. (4/13)  Draft a second memorandum requesting approval to extend the 0350 process beyond two quarters past restart. (4/13)	C. Lipa	4/27-Discussed, criteria being defined and draft memorandum working. 6/03-Due no later than 8/15/04. 6/17- Panel clarified an earlier decision to issue two memos versus one memo.	7/30/04
265	Brief the Panel on the status of developing a document which captures Lessons Learned to date from the Davis-Besse 0350 Oversight process. (4/13)	A.Mendiola	4/13-Discussed, development of the drafts should include a 'brain-storming' session which includes comments and feedback from external stakeholders. NRR suggested to dedicate a special Panel meeting to this focused topic and will take the lead for obtaining input from external stakeholders. J. Grobe mentioned that examples of processes that went well should also be addressed, such as the Panel's review of safety culture and the Panel's communication efforts with internal/external stakeholders; 4/27-Discussed, draft document emailed to the region.	7/30/04

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

Item No.	Action Item (Date generated)	Assigned to	Comments	Due Date
266	Brief the Panel on the status of drafting the memorandum from the Panel to NRR addressing the Lessons Learned to be considered for the next revision to IMC 0350. (4/13)	C. Lipa/ A.Mendiola	4/13-Discussed, comments should be forwarded to C. Lipa/A. Mendiola; 4/27-Discussed, need to base draft on specific line items from the Process Plan.	7/30/04
267	Contact Ellis Merschoff in early December 2004 to schedule a site visit during DB mid-cycle outage. (6/17)	Lipa	outage currently scheduled for 1/2-2/12/2005	12/10/04
268	Issue Quarterly Assessment Letter regarding White PI for Alert and Notification System	Rierner	Ken to call licensee to understand their plans on data submittal	07/16/04
269	Set up call with licensee to discuss their response letters to CATI (4-5-04)and SSDI	Lara		07/23/04
270	Set up next meeting with county commissioners (7/15/04)	Thomas		09/01/04
271	Include status of LLTF at next briefing for the county, and strategize with DIPM - invite to meeting /Stu Richards (7/15/04)	Thomas	Action items described in the Ottawa County commissioner meeting summary which is attached to 7/15/04 panel meeting minutes.	09/01/04
272	Topics for next month's meeting - Share with the Licensee (7/15/04)	Thomas	See 7/15/04 Panel meeting minutes	09/01/04
273	Brief on new finding form Mods/50.59 inspection (7/15/04)	P. Loughheed	New finding came up post exit.	08/15/04
274	Underground cable failure - assessment (7/15/04)	J. Lara		09/30/04
275	Next Pub Meeting Sept 21 or 23 vs November for the Ottawa County Commissioners (7/15/04)	R. Lickus		07/31/04