

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 December 19, 2002. 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  
M. Parker, RIII  
DB0350

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OFFICE	RIII	RIII	RIII	
NAME	DPassehl;klg	<i>/RA DPassehl Acting for /CLipa</i>	JGrobe	
DATE	03/27/03	03/31/03	03/31/03	

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

DATE: December 19, 2002

TIME: 1:30 p.m. Central

ATTENDEES:

C. Lipa	J. Grobe
B. Dean	A. Mendiola
J. Hopkins	J. Collins
D. Simpkins	

Agenda Items:

1. Plant Status and Inspector Insights

Douglas Simpkins provided a briefing on current plant activities as follows:

The plant continues with deep drain valve work during the current "deep drain" window. The reactor coolant system is drained to approximately 10 inches above the hot leg centerline for work on 74 valves. Work on approximately 70 valves are complete. Activities continue on Reactor Coolant Pumps 1-1 and 1-2 refurbishment. Work on the emergency sump continues, with fabrication of the strainer and structural steel installation in progress. Decay Heat Valve Pit preparation work continues.

The licensee plans to place the new head on the reactor vessel Sunday. The head will be supported 1" from the mating surface by four 1" x 2" x 6" carbon steel support blocks on the reactor vessel flange surface. The studs will be installed only for alignment, and will not be tightened. The o-rings are installed on the new head, but will not be mated to the flange surface due to the 1" steel support blocks. All code reliefs have been approved for the new head.

Containment re-coating continued. Core Flood Tank No. 2 coatings are completed. Various work on the containment air coolers (CAC) continues. CAC #2 motor is installed.

The inspection of the fuel assemblies is complete. Seven assemblies were identified to have grid strap damage. The damage was caused by fuel handling. Six were deemed acceptable in the as found condition. The seventh assembly will be returned to vendor for refurbishment.

The licensee discovered of a crack in two of four thermal sleeves that extend into the Reactor Coolant Pump discharge piping. Possible causes were believed to be thermal fatigue or flow induced vibration or some combination. The thermal sleeve work continues. The two cracked thermal sleeves were removed. New thermal sleeves have been installed, rolled, and tack welded. Attached piping is scheduled for reinstallation during the day on Friday with radiography scheduled for Friday evening.

NDE results indicated approximately 70% failure of the tube to tubesheet welds in the Feedwater Preheater 1-6. The licensee is evaluating the cause. Initial results indicate a potential lack of filler material used during the welding process may have been an issue. All tube to tubesheet welds will be replaced.

Last week three workers received dose rate alarms of 100 mrem/hr in containment and did not exit the work area and notify RP. A site-wide human performance stand-down on the issue was held. This week an additional individual received a high dose rate alarm in containment due to improperly following the radiological work permit (RWP). An intra-company memorandum was distributed on the topic. A work stoppage was ordered for all work in containment for revising of all RWPs for clarity on entry into high radiation areas. High radiation area postings were reviewed for clear demonstration of entry into a high radiation area. Stand down briefings were conducted for all workers on the specifics of the event and the corrective measures being implemented to prevent recurrence. A quiz was given to employee's at the briefings' conclusion.

Cracking in the piping upstream of RC-46 and 47 was determined to be due to chloride stress corrosion. The source of chlorides was identified as impurities in the lines after heat-up flashed any remaining liquid to steam.

The licensee 12/19/02 Town Meeting was discussed. During the town meeting format Randy Fast presented the current status and future plans for the station. An impromptu poll was taken on past fuel performance as seen by the attendees. Out of approximately a hundred attendees, one felt the fuel performance was excellent, twenty felt it was good and forty found the fuel performance poor. Recognition was handed out on several items and examples of proper, expected behavior of a SCWE was explained. A comment from one attendee noted that he did not see his managers. Randy Fast took the statement as a good comment and as a challenge for himself to get improvement in that area.

2. Review of action items (panel)

The panel reviewed the list of "open" action items, with discussions and actions as follows:

**Item 24a** - Region III found no issues

**Item 54a** - The question remains for Davis-Besse if their TS basis is acceptable. The main question being does it have to include a leakage source. Mel Holmberg contacted the licensee which feels it's TS covers all sources and does not need to be changed.

**Item 73** - C. Lipa working on general input for current submittal with future expanded work expected.

**Item 74** - Item in good standing.

**Item 88** - will be reviewed Friday.

**Item 91** - expand item to include docketing individual Root Cause reports as well.

**Item 99** - discussion on possible ease of 95003 requirements.

**Item 113** - closed

**Item 114** - closed

**Item 127** - Assigned to B. Dean. A. Hiser is working on issue to resolve. Est. date Jan 31st.

**New Item 130** - Action to Make rec on EOC package assigned to C. Lipa.

**New Item 131** - OE/OI decision logic, J. Grobe to ask.

**New Item 132** - Consolidate RAM. Assigned to C. Lipa and A. Mendiola, due 1/17/03.

**New Item 133** - Tape Davis-Besse talk show.

3. Licensing Issues/Actions (DLPM) - status sheet

Review of Ticket Tracking

Anthony Mendiola provided a briefing on the current status of green ticket tracking. There was some discussion about ensuring all tickets being tracked were applicable to Davis-Besse. A discussion on the general tracking and resolution of email questions from various sources (Gunter, Gurdziel, Lochbalm, et. al) found that the items were being tracked by A. Mendiola in the form of a matrix and by C. Lipa as entries into the RAM. Duplication of efforts and ensuring none were lost were major discussion points. A. Mendiola's matrix report was estimated at 44 pages with 3 or 4 issues on a page.

4. Items for Licensee Weekly Calls

The Panel discussed questions/concerns for the licensee to address during the upcoming weekly call with the licensee.

5. Milestones/Commitments

The Panel discussed upcoming milestones and commitments.

IMC 0350 Oversight Panel Action Items

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</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	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.
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.
74	Matrix strategy for UCS and other requests. (8/8)	Lipa	8/13 - Discussed. 8/22 - Discussed - matrix is being developed will send out for review when ready. 8/29 - Discussed - matrix has been started. 10/1 & 10/15 Discussed. 11/07 - A top ten list will be created to prioritize strategy.

Item Number	Action Item (Date generated)	Assigned to	Comments
85	Send letter/action plan to the licensee regarding actions required to be completed to close CAL item related to quarantine (8/20)	Dean (DE) Hopkins  12/10 - J. Jacobson	8/22 - Discussed - NRR will send draft to RIII by 8/30. 8/27 - Discussed - letter being drafted and should be ready next week. 9/19- On hold due to crack - get letter out to licensee re: from Mode 3 to Mode 2. 10/8 - Discussed. Memo is with Mendiola at the start of concurrence review. 10/15 - Discussed. 12/3 - memo received 11/15. 12/10 - Letter under review by C. Lipa.
88	Develop draft proposal on how to assess significance/respond to TIA (8/20)	Burgess	8/27 - Working to a due date of 8/30 to present to the panel next week. 10/1 - Discussed. 11/07 -M. Reinhart rewriting draft. Due from NRR to RIII 11/30. 12/3 - Discussed. 12/10 - TIA received 12/06.
91	Call McClosky to discuss docketing Return to Service Plans (9/3)	Lipa	9/17 - Called - need to check back. 10/1 - Discussed. Jack to discuss with L. Myers
95	Interpret CAL & TS and define which mode change needs approved (9/5)	Lipa Thomas	10/1 - Discussed. 11/19- Will be defined as Mode 2 in CAL update letter
97	Bulletins 2002-01 and 2002-02 response and acceptance (9/5)	NRR	11/07 - Discussed, further research and discussion required.
99	Bring to panel all 95002/95003 attributes (9/5)	Jacobson/ Lipa	9/24 - Decision for C. Lipa to discuss item with J. Jacobson. 10/1 - Discussed. Due 10/11. 10/15 - Discussed. 11/07 - RAM item inclusion for discussion at 11/19 panel meeting 12/19 - Week of Jan. 6 <sup>th</sup> Inspection plan mtg.
107	When AIT F/U IR is issued, consider item on records& communication accuracy (9/17)	Panel	10/1-Discussed 11/07 - Report discussed. D. Simpkins to determine if item 6 will be followed up by OI. D.Passehl will inform OI panel has reviewed items and sees no further need for follow up actions on items 5 & 6



Item Number	Action Item (Date generated)	Assigned to	Comments
113	Remove UCS representative from service lists 90 days after DD is issued (9/24)	C. Lipa/ A.Mendiola	10/1- Discussed (90 days from 10/15) 12/10 - Discussed keeping UCS on lists for longer period of time. 12/19 - Closed
114	Details of expected visit to site (9/24)	Hopkins/ Sheron	10/1 - Discussed. 10/8 - Discussed, Due 10/15. 10/15 - Discussed. 11/07 -Clarification on visitor status deemed necessary - 12/19 - Closed
122	Memo to RIII on quarantine. RIII letter to licensee on CAL. Go through minutes for pre-decisional release through items (11/07)	Mendiola Lipa Mendiola	
125	Review LLTF report for 0350 issues / SMRT team	Mendiola/ Lipa	
126	Review Davis-Besse/Vessel Head Degradation web site content for ease of use by the public. (11/07)	Strasma	
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.
129	Survey NRR and Headquarters management for possible future Davis-Besse site visits or tours (12/10)	J. Hopkins	
130	Action to Make rec on EOC package (12/19)	C. Lipa	
131	OE/OI decision logic (12/19)	B. Clayton	Jack to ask
132	Consolidate RAM (12/19)	C.Lipa/ A.Mendiola	Due Fri 1/17
133	12/29 Taping of debate	J.Collins/ D.Simpkins	