

April 21, 2004

MEMORANDUM TO: John A. Grobe, Chairman
Davis-Besse Oversight Panel

FROM: Christine A. Lipa, Chief
Branch 4 */RA/*
Division of Reactor Projects

SUBJECT: DAVIS-BESSE 0350 OVERSIGHT PANEL FINAL RESTART
CHECKLIST PUBLIC RELEASE

The purpose of this memorandum is to inform you that the 0350 Panel Restart Checklist has been updated from the version provided with our February 26, 2004, restart recommendation memorandum to James Caldwell, and is now finalized. With this memorandum, this finalized Restart Checklist will also be publicly available in ADAMS.

Attachment: Davis-Besse IMC 0350 Restart Checklist
Revision 3, Updated March 31, 2004

Contact: Christine Lipa
630-829-9619

DOCUMENT NAME: C:\ORPCheckout\FileNET\ML041130199.WPD

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**DAVIS-BESSE IMC 0350
RESTART CHECKLIST, REVISION 3***

ITEM (CS)	DESCRIPTION	RISK	LEAD	STATUS INTERIM INSPECTION REPORTS	PANEL CLOSURE FINAL IR# IR ISSUED
1. Adequacy of Root Cause Determinations					
1.a IE	Penetration Cracking and Reactor Pressure Vessel Corrosion	Red	Panel	Closed. Discussed in IR 03-04.	04/29/03 (IR 03-04) 05/09/03
1.b IE	Organizational, Programmatic and Human Performance Issues		Panel	Closed. Discussed in IRs 02-15 and 02-18.	06/17/03 (IR 02-18) 07/24/03
2. Adequacy of Safety Significant Structures, Systems, and Components					
2.a IE	Reactor Pressure Vessel Head Replacement		Jacobson	Closed. Discussed in IRs 02-07, 02-10, 03-17, 03-23, 04-02, and Inspection Results Memorandum from SRI. (ML040611099)	02/10/04 (IR 04-02) 03/22/04
2.b BI	Containment Vessel Restoration Following Reactor Pressure Vessel Head Replacement		Farber	Closed. Discussed in IRs 02-07 and 03-05.	07/15/03 (IR 03-05) 08/05/03

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ITEM (CS)	DESCRIPTION	RISK	LEAD	STATUS INTERIM INSPECTION REPORTS	PANEL CLOSURE FINAL IR# IR ISSUED
2.c IE MS BI	Structures, Systems, and Components Inside Containment		Holmberg	Closed. Discussed in IRs 02-09, 02-12, 03-10, and 03-23.	11/18/03 (IR 03-10) 03/05/04
2.c.1 MS BI	Emergency Core Cooling System and Containment Spray System Sump	Yellow	Coyne Thomas	Closed. Discussed in IRs 03-06 and 03-17.	09/02/03 (IR 03-17) 09/29/03
2.d IE MS BI	Extent-of-Condition of Boric Acid in Systems Outside Containment		Thomas	Closed. Discussed in IRs 02-09, 02-14, 03-13, and 03-22.	10/14/03 (IR 03-22) 12/23/03
2.e MS BI	High Pressure Injection Pump Internal Clearance/Debris Resolution	White	Jacobson	Closed. Discussed in IRs 03-10, 03-15, 04-02, and Inspection Results Memorandum from NRR. (ML040690129)	02/19/04 (IR 04-02) 03/22/04

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ITEM (CS)	DESCRIPTION	RISK	LEAD	STATUS INTERIM INSPECTION REPORTS	PANEL CLOSURE FINAL IR# IR ISSUED
3. Adequacy of Safety Significant Programs					
3.a ALL	Corrective Action Program		Jacobson Falevits	Closed. Discussed in IRs 02-11, 03-09, and 03-10.	02/05/04 (IR 03-10) 03/05/04
3.b ALL	Operating Experience Program		Jacobson	Closed. Discussed in IRs 02-11 and 03-09.	06/20/03 (IR 03-09) 07/07/03
3.c ALL	Quality Audits and Self-Assessments of Programs		O'Brien Jacobson	Closed. Discussed in IRs 02-11, 03-09, and 03-23.	10/09/03 (IR 03-23) 12/05/03
3.d IE MS BI	Boric Acid Corrosion Management Program		Jacobson	Closed. Discussed in IRs 02-09, 02-11 02-12, 03-09, and 03-17.	07/22/03 (IR 03-17) 09/29/03
3.e IE MS BI	Reactor Coolant System Unidentified Leakage Monitoring Program		Jacobson	Closed. Discussed in IRs 02-11 and 03-09.	05/20/03 (IR 03-09) 07/07/03

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3.f IE MS BI	In-Service Inspection Program		Jacobson	Closed. Discussed in IRs 02-11 and 03-09.	05/20/03 (IR 03-09) 07/07/03
3.g ALL	Modification Control Program		Jacobson	Closed. Discussed in IRs 02-11 and 03-09.	05/20/03 (IR 03-09) 07/07/03
3.h ORS PRS	Radiation Protection Program	White	Slawinski House	Closed. Discussed in IRs 02-06, 02-16, 03-08, and 03-17.	07/22/03 (IR 03-17) 09/29/03
3.i ALL	Process for Ensuring Completeness and Accuracy of Required Records and Submittals to the NRC		Passehl	Closed. Discussed in IR 03-19.	11/04/03 (IR 03-19) 01/28/04

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ITEM (CS)	DESCRIPTION	RISK	LEAD	STATUS INTERIM INSPECTION REPORTS	PANEL CLOSURE FINAL IR# IR ISSUED
4. Adequacy of Organizational Effectiveness and Human Performance					
4.a ALL	Adequacy of Corrective Action Plan		Wright	Closed. Discussed in IRs 02-15 and 02-18.	06/17/03 (IR 02-18) 07/24/03
4.b ALL	Effectiveness of Corrective Actions		Wright	Closed. Discussed in IRs 02-15, 02-18, 03-12, 04-03, and Inspection Results Memorandum from Followup Management & Human Performance Inspection team. (ML040690129)	02/05/04 (IR 04-03) 03/31/04
5. Readiness for Restart					
5.a ALL	Review of Licensee's Restart Action Plan		Thomas	Closed. Discussed in IR 03-22.	11/04/03 (IR 03-22) 12/23/03
5.b IE MS	Systems Readiness for Restart		Thomas Passehl	Closed. Discussed in IRs 02-13, 02-14, 03-03, 03-10, 03-11, 03-22, 03-24, 04-04, and Inspection Results Memorandum from Followup Restart Readiness Assessment Team Inspection team. (ML040690129)	02/20/04 (IR 04-04) 03/25/04
5.c IE	Operations Readiness for Restart		Thomas Passehl	Closed. Discussed in IRs 03-11, 04-04, and Inspection Results Memorandum from Followup RRATI team. (ML040690129)	02/18/04 (IR 04-04) 03/25/04

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ITEM (CS)	DESCRIPTION	RISK	LEAD	STATUS INTERIM INSPECTION REPORTS	PANEL CLOSURE FINAL IR# IR ISSUED
5.d IE MS BI	Test Program Development and Implementation		Thomas	Closed. Discussed in IR 03-25.	12/09/03 (IR 03-25) 01/28/04
6. Licensing Issue Resolution					
6.a IE BI	Verification that Relief Requests A8 and A12 regarding the Shell to Flange Weld (previously submitted by letter dated September 19, 2000) is not Impacted by the Midland RPV Head		Hopkins	Closed. Discussed in IR 03-04.	04/29/03 (IR 03-04) 05/09/03

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6.b IE BI	American Society of Mechanical Engineers (ASME) Code Relief Request for Failure to Maintain Original Radiographic Tests of the Midland Head to Flange Weld (Planned Relief Request A26)		Hopkins	Closed. Discussed in IR 03-04.	04/29/03 (IR 03-04) 05/09/03
6.c IE BI	ASME Code Relief Request for Inability to Radiographically Test 100% of the Midland Reactor Pressure Vessel Head to Flange Weld (Planned Relief Request A27)		Hopkins	Closed. Discussed in IR 03-04.	04/29/03 (IR 03-04) 05/09/03

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ITEM (CS)	DESCRIPTION	RISK	LEAD	STATUS INTERIM INSPECTION REPORTS	PANEL CLOSURE FINAL IR# IR ISSUED
6.d IE BI	Resubmit Relief Request A2 (previously submitted by letter dated September 19, 2000) for ASME Code for Inability to Perform 100% volumetric and surface examination of Head to Flange Weld		Hopkins	Closed. Discussed in IR 03-04.	04/29/03 (IR 03-04) 05/09/03
6.e IE BI	Reconciliation Letter that Demonstrates How the New Reactor Pressure Vessel Head Correlates With the ASME Code and QA Index for Section III and Section XI - Commitments		Hopkins	Closed. Discussed in IR 03-04.	04/29/03 (IR 03-04) 05/09/03
6.f IE BI	Verification Letter of Technical Specification Pressure/Temperature Curves for New Vessel Head - Commitment		Hopkins	Closed. Discussed in IR 03-04.	04/29/03 (IR 03-04) 05/09/03

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6.g MS BI	Request to relocate High Pressure Injection and Low Pressure Injection Subsystems Flow Balance Testing from Technical Specifications 4.5.2.h to Updated Safety Analysis Report Technical Requirements Manual		Hopkins	Closed. Discussed in IR 03-17, and License Amendment Issued 08/12/03. (ML031830237)	08/21/03 (IR 03-17) 09/29/03

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7. Confirmatory Action Letter Resolution					
7.a ALL	Verification that Confirmatory Action Letter Items are Resolved, Including a Public Meeting to Discuss Readiness for Restart		Panel	Closed. Closure will be documented in CAL 3-02-001 Closure Letter, Enclosure 1 to the Restart Approval Letter.	02/23/04 N/A 03/08/04

Cornerstones:

- IE - Initiating Events
- MS - Mitigating Systems
- BI - Barrier Integrity
- EP - Emergency Preparedness
- ORS - Occupational Radiation Safety
- PRS - Public Radiation Safety
- PP - Physical Protection
- ALL - Affects all cornerstones

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