



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, IL 60532-4352

September 2, 2008

EA-03-0214

Mr. Barry Allen  
Site Vice President  
FirstEnergy Nuclear Operating Company  
Davis-Besse Nuclear Power Station  
5501 North State Route 2, Mail Stop A-DB-3080  
Oak Harbor, OH 43449-9760

**SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN –  
DAVIS-BESSE NUCLEAR POWER STATION**

Dear Mr. Allen:

On August 14, 2008, the NRC staff completed its performance review of the Davis-Besse Nuclear Plant. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous 12 months. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include security information. A separate letter designated and marked as "Official Use Only--Security Information" will include the security cornerstone review and resultant inspection plan.

Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, was within the Licensee Response column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, with the exception of the March 2004 Confirmatory Order required annual independent assessment reviews and follow-up on the August 2007 Confirmatory Order required actions, we plan to conduct only reactor oversight process baseline inspections at your facility.

The staff identified that there were more than three green inspection findings for the current 12 month assessment period with documented cross-cutting aspects in the area of human performance, and there are two cross-cutting themes associated with these findings. The first theme is in the aspect of complete, accurate, and up-to-date design documentation, procedures, and work packages, and correct labeling of components (H.2(c)). The other theme is in the aspect of maintaining design margins (H.2(a)). We understand that FENOC has recognized the site-wide cross-cutting theme in work planning and has developed and implemented a formal process to identify, track, and develop apparent cause(s) and corrective actions for cross-cutting issues identified by the NRC and through the site corrective action program. In evaluating your

scope of efforts and progress in addressing the cross-cutting themes, the staff determined that we have no concerns with your scope of efforts in addressing the cross-cutting area performance deficiencies. Therefore, the staff has concluded that a substantive cross-cutting issue in human performance does not exist at this time.

The enclosed inspection plan details the inspections, including baseline and other infrequently conducted inspections, less those related to security, scheduled through December 31, 2009. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle review.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 630-829-9833 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

***/RA by Geoffrey C. Wright for/***

Jamnes L. Cameron, Chief  
Branch 6  
Division of Reactor Projects

Docket No. 50-346  
License No. NPF-3

Enclosure: Davis Besse Inspection/Activity Plan

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B. Allen

-2-

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Sincerely,

Jamnes L. Cameron, Chief  
Branch 6  
Division of Reactor Projects

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Enclosure: Davis Besse Inspection/Activity Plan

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OFFICE	RIII								
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DATE	08/29/08								

**OFFICIAL RECORD COPY**

Letter to B. Allen from J. Cameron dated September 2, 2008

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN –  
DAVIS BESSE NUCLEAR POWER STATION

cc w/encl: Honorable Dennis Kucinich  
J. Hagan, President and Chief  
Nuclear Officer - FENOC  
J. Lash, Senior Vice President of  
Operations and Chief Operating Officer - FENOC  
Manager - Site Regulatory Compliance - FENOC  
D. Pace, Senior Vice President of  
Fleet Engineering - FENOC  
J. Rinckel, Vice President, Fleet Oversight - FENOC  
P. Harden, Vice President, Nuclear Support  
D. Jenkins, Attorney, FirstEnergy Corp.  
Director, Fleet Regulatory Affairs - FENOC  
Manager - Fleet Licensing - FENOC  
C. O'Claire, State Liaison Officer, Ohio Emergency Management Agency  
R. Owen, Administrator, Ohio Department of Health  
Public Utilities Commission of Ohio  
President, Lucas County Board of Commissioners  
President, Ottawa County Board of Commissioners  
Ottawa County Sheriff  
Director, Ottawa County EMA  
Lucas County Sheriff  
Director, Lucas County EMA  
Genoa Village Administrator  
Mayor of Clay Center  
Mayor of Elmore  
Mayor of Genoa  
Mayor of Oak Harbor  
Mayor of Toledo  
Mayor of Port Clinton  
Mayor of Marblehead  
Mayor of Rocky Ridge  
Village Administrator of Oak Harbor  
Mayor of Put-in-Bay  
G. Mortensen, INPO

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DAVIS-BESSE NUCLEAR POWER STATION

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Tamara Bloomer

RidsNrrDorLpl3-2

RidsNrrPMDavisBesse Resource

RidsNrrDirslpab Resource

James Caldwell

Mark Satorius

Kenneth Obrien

Allan Barker

DRPIII

DRSIII

Patricia Buckley

Tammy Tomczak

[ROPreports@nrc.gov](mailto:ROPreports@nrc.gov) (inspection reports, final SDP letters, any letter with an IR number)

**Davis-Besse**  
**Inspection / Activity Plan**  
**09/01/2008 - 12/31/2009**

Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	End	Inspection Type
<b>92702</b>	<b>- INDEP OPS ASSESSMENT F/U</b>	<b>1</b>			
IP 95003	Inspection For Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple Yellow		04/01/2008	09/30/2008	Supplemental Program
<b>92702</b>	<b>- INDP ENGR ASSESS. F/U</b>	<b>1</b>			
IP 92702	Followup On Corrective Actions For Violations And Deviations		04/01/2008	09/30/2008	Other Routine
<b>92702</b>	<b>- INDEP CAP ASSESS. F/U</b>	<b>1</b>			
IP 92702	Followup On Corrective Actions For Violations And Deviations		07/01/2008	12/31/2008	Other Routine
<b>TI</b>	<b>- TEMPORARY INSTRUCTION 2515/172</b>	<b>1</b>			
IP 2515/172	Reactor Coolant System Dissimilar Metal Butt Welds		09/08/2008	09/12/2008	Generic Safety Inspectio
<b>92702</b>	<b>- '08 INDEP. SC/SCWE OBSERVATION</b>	<b>1</b>			
IP 92702	Followup On Corrective Actions For Violations And Deviations		10/01/2008	10/30/2008	Other Routine
<b>BI OL</b>	<b>- BIENNIAL REQUAL. PROGRAM INSPECTION</b>	<b>2</b>			
IP 7111111B	Licensed Operator Requalification Program		11/03/2008	11/07/2008	Baseline Inspections
<b>BI RP</b>	<b>- RADIATION PROTECTION BASELINE INSPECTION</b>	<b>1</b>			
IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		11/17/2008	11/21/2008	Baseline Inspections
<b>92702</b>	<b>- 07 CONFIRMATORY ORDER F/U</b>	<b>1</b>			
IP 92702	Followup On Corrective Actions For Violations And Deviations		01/01/2009	01/31/2009	Other Routine
<b>BI RP</b>	<b>- RADIATION PROTECTION BASELINE INSPECTION</b>	<b>1</b>			
IP 7112202	Radioactive Material Processing and Transportation		01/12/2009	01/16/2009	Baseline Inspections
IP 71151-BI01	Reactor Coolant System Activity		01/12/2009	01/16/2009	Baseline Inspections
<b>PWR UPR</b>	<b>- POWER UPRATE INSPECTION</b>	<b>2</b>			
IP 7111104	Equipment Alignment (Quarterly)		01/26/2009	01/30/2009	Baseline Inspections
<b>BI PI&amp;R</b>	<b>- BIENNIAL PI&amp;R INSPECTION</b>	<b>1</b>			
IP 71152B	Identification and Resolution of Problems		03/23/2009	04/10/2009	Baseline Inspections
<b>BI EP</b>	<b>- EP EXERCISE INSPECTION / PI VERIFICATION</b>	<b>1</b>			
IP 7111401	Exercise Evaluation		05/11/2009	05/15/2009	EP Baseline Inspection
IP 71151-EP01	Drill/Exercise Performance		05/11/2009	05/15/2009	Baseline Inspections
IP 71151-EP02	ERO Drill Participation		05/11/2009	05/15/2009	Baseline Inspections
IP 71151-EP03	Alert & Notification System		05/11/2009	05/15/2009	Baseline Inspections
<b>OL EXAM</b>	<b>- OPERATOR LICENSING EXAM</b>	<b>3</b>			
W90206	OL - INITIAL EXAM - JULY 2009 - DAVI		06/15/2009	06/19/2009	Not Applicable
W90206	OL - INITIAL EXAM - JULY 2009 - DAVI		07/13/2009	07/24/2009	Not Applicable
<b>BI RP</b>	<b>- RADIATION PROTECTION BASELINE INSPECTION</b>	<b>1</b>			
IP 2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative		08/25/2009	08/28/2009	Generic Safety Inspectio
IP 71151-PR01	RETS/ODCM Radiological Effluent		08/25/2009	08/28/2009	Baseline Inspections

**Davis-Besse**  
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Inspection Activity	Title	No. of Staff on Site	Planned Dates Start      End		Inspection Type
<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>			
IP 7112101	Access Control to Radiologically Significant Areas		09/14/2009	09/18/2009	Baseline Inspections
IP 7112102	ALARA Planning and Controls		09/14/2009	09/18/2009	Baseline Inspections
IP 71151-OR01	Occupational Exposure Control Effectiveness		09/14/2009	09/18/2009	Baseline Inspections
<b>BI ENG - COMPONENT DESIGN BASES INSPECTION</b>		<b>6</b>			
IP 7111121	Component Design Bases Inspection		10/19/2009	11/20/2009	Baseline Inspections