

August 31, 2007

Mr. Mark B. Bezilla  
Site Vice President  
FirstEnergy Nuclear Operating Company  
Davis-Besse Nuclear Power Station  
5501 North State Route 2  
Oak Harbor, OH 43449-9760

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

Dear Mr. Bezilla:

On August 14, 2007, the NRC staff completed its performance review of Davis-Besse Nuclear Power Station for the first half of the calendar year 2007 assessment cycle. 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-Related Information" will include the security cornerstone review and resultant inspection plan.

Plant performance for the most recent quarter at Davis-Besse 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, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility. We also plan on conducting several non-ROP inspections as noted below.

The enclosed inspection plan details the inspections, less those related to security, scheduled through December 31, 2008. In addition to the program defined inspection activities, additional oversight activities will be conducted to follow up on the independent assessments in the areas of Operations, Engineering, Corrective Action Program, and Safety Culture/Safety Conscious Work Environment, as required by our March 8, 2004, Confirmatory Order (EA-03-214). 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 plan includes a component design bases inspection and a biennial PI&R inspection. The inspections scheduled within 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 made 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). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

The NRC is currently evaluating the scope and frequency of all the baseline inspection procedures. If the results of the evaluation, or any other circumstances cause us to revise the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (630) 829-9629 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

**/RA/**

Bruce L. Burgess, Chief  
Branch 6  
Division of Reactor Projects

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

Enclosure:  
Davis-Besse Nuclear Power Station Inspection/Activity Plan

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M. Bezilla

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Bruce L. Burgess, Chief  
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Letter to M. Bezilla from B. Burgess dated August 31, 2007

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DAVIS-BESSE NUCLEAR POWER STATION

cc w/encl: The Honorable Dennis Kucinich  
J. Hagan, President and Chief  
Nuclear Officer - FENOC  
J. Lash, Senior Vice President of  
Operations and Chief Operating Officer - FENOC  
Richard Anderson, Vice President,  
Nuclear Support - FENOC  
Manager - Site Regulatory Compliance - FENOC  
D. Pace, Senior Vice President of  
Fleet Engineering - FENOC  
J. Rinckel, Vice President, Fleet Oversight - FENOC  
D. Jenkins, Attorney, FirstEnergy Corp.  
Director, Fleet Regulatory Affairs - FENOC  
Manager - Fleet Licensing - FENOC  
Ohio State Liaison Officer  
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  
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DAVIS-BESSE NUCLEAR POWER STATION

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DRPIII

DRSIII

PLB1

TXN

**Davis-Besse**  
**Inspection / Activity Plan**  
**09/01/2007 - 12/31/2008**

Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	End	Inspection Type
<b>HD REPL</b>	<b>- RPV HEAD DROP CALCULATIONS</b>	<b>1</b>			
IP 7111120	Refueling and Other Outage Activities		07/09/2007	11/18/2007	Baseline Inspections
<b>95003</b>	<b>- 07 INDP ENG ASSESSMENT OBS</b>	<b>1</b>			
IP 95003	Inspection For Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple		09/17/2007	09/21/2007	Supplemental Program
<b>95003</b>	<b>- 07 INDP CAP RPT REVIEW</b>	<b>1</b>			
IP 95003	Inspection For Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple		10/01/2007	10/05/2007	Supplemental Program
<b>BI ENG</b>	<b>- COMPONENT DESIGN BASES INSPECTION</b>	<b>6</b>			
IP 7111121	Component Design Bases Inspection		10/22/2007	11/30/2007	Baseline Inspections
<b>95003</b>	<b>- 07 INDP SC/SCWE OBSERVATION</b>	<b>1</b>			
IP 95003	Inspection For Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple		10/29/2007	11/02/2007	Supplemental Program
<b>BI RP</b>	<b>- RADIATION PROTECTION BASELINE INSPECTION</b>	<b>2</b>			
IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		12/10/2007	12/14/2007	Baseline Inspections
IP 7112202	Radioactive Material Processing and Transportation		12/10/2007	12/14/2007	Baseline Inspections
<b>BI ENG</b>	<b>- ENGINEERING INSERVICE INSPECTION/ TI-150</b>	<b>1</b>			
IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC ORDER EA-03-		01/01/2008	01/28/2008	Safety Issues
IP 7111108P	Inservice Inspection Activities - PWR		01/01/2008	01/28/2008	Baseline Inspections
<b>BI RP</b>	<b>- RADIATION PROTECTION BASELINE INSPECTION</b>	<b>2</b>			
IP 7112101	Access Control to Radiologically Significant Areas		01/07/2008	01/11/2008	Baseline Inspections
IP 7112102	ALARA Planning and Controls		01/07/2008	01/11/2008	Baseline Inspections
<b>ORDER</b>	<b>- 07 SC/SCWE REPORT REVIEW</b>	<b>1</b>			
IP 95003	Inspection For Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple		02/04/2008	02/08/2008	Supplemental Program
<b>OL EXAM</b>	<b>- DAVIS-BESSE INIT PREP 08/2007</b>	<b>3</b>			
W90159	OL - INITIAL EXAM - DAVIS BESSE - AUG/SEP 2007		01/28/2008	02/01/2008	Not Applicable
<b>BI EP</b>	<b>- EP ROUTINE INSPECTION / PI VERIFICATION</b>	<b>1</b>			
IP 7111402	Alert and Notification System Testing		02/25/2008	03/01/2008	Baseline Inspections
IP 7111403	Emergency Response Organization Augmentation Testing		02/25/2008	03/01/2008	Baseline Inspections
IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		02/25/2008	03/01/2008	Baseline Inspections
IP 71151-EP01	Drill/Exercise Performance		02/25/2008	03/01/2008	Baseline Inspections
IP 71151-EP02	ERO Drill Participation		02/25/2008	03/01/2008	Baseline Inspections
IP 71151-EP03	Alert & Notification System		02/25/2008	03/01/2008	Baseline Inspections
<b>OL EXAM</b>	<b>- DAVIS-BESSE INIT EXAM 09/2007</b>	<b>3</b>			
W90159	OL - INITIAL EXAM - DAVIS BESSE - AUG/SEP 2007		02/18/2008	02/29/2008	Not Applicable
<b>BI RP</b>	<b>- RADIATION PROTECTION BASELINE INSPECTION</b>	<b>1</b>			
IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		03/03/2008	03/07/2008	Baseline Inspections

**Davis-Besse**  
**Inspection / Activity Plan**  
**09/01/2007 - 12/31/2008**

Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
			Start	End	
<b>95003 - INDEP OPS ASSESSMENT F/U</b>		<b>2</b>			
IP 95003	Inspection For Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple		04/01/2008	09/30/2008	Supplemental Program
<b>95003 - INDP ENGR ASSESS. F/U</b>		<b>1</b>			
IP 95003	Inspection For Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple		04/01/2008	09/30/2008	Supplemental Program
<b>BI PI&amp;R - BIENNIAL PI&amp;R INSPECTION</b>		<b>3</b>			
IP 71152B	Identification and Resolution of Problems		04/21/2008	05/09/2008	Baseline Inspections
<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>			
IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control P		05/26/2008	05/30/2008	Baseline Inspections
IP 71151-PR01	RETS/ODCM Radiological Effluent		05/26/2008	05/30/2008	Baseline Inspections
<b>BI ENG - ENGINEERING MODIFICATIONS / 50.59 INSP.</b>		<b>2</b>			
IP 7111102	Evaluation of Changes, Tests, or Experiments		06/02/2008	06/20/2008	Baseline Inspections
IP 7111117B	Permanent Plant Modifications		06/02/2008	06/20/2008	Baseline Inspections
<b>95003 - INDEP CAP ASSESS. F/U</b>		<b>1</b>			
IP 95003	Inspection For Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple		07/01/2008	12/31/2008	Supplemental Program
<b>95003 - INDP SC/SCWE ASSESS. F/U</b>		<b>1</b>			
IP 95003	Inspection For Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple		07/01/2008	12/31/2008	Supplemental Program
<b>BI ENG - BIENNIAL HEAT SINK INSPECTION</b>		<b>1</b>			
IP 7111107B	Heat Sink Performance		08/25/2008	08/29/2008	Baseline Inspections
<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>			
IP 7112101	Access Control to Radiologically Significant Areas		09/01/2008	09/05/2008	Baseline Inspections
IP 7112102	ALARA Planning and Controls		09/01/2008	09/05/2008	Baseline Inspections
IP 71151-BI01	Reactor Coolant System Activity		09/01/2008	09/05/2008	Baseline Inspections
IP 71151-OR01	Occupational Exposure Control Effectiveness		09/01/2008	09/05/2008	Baseline Inspections
<b>BI OL - BIENNIAL REQUAL. PROGRAM INSPECTION</b>		<b>2</b>			
IP 7111111B	Licensed Operator Requalification Program		11/10/2008	11/14/2008	Baseline Inspections
<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>			
IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		11/24/2008	11/28/2008	Baseline Inspections