



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

March 4, 2013

Mr. Raymond Lieb  
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: ANNUAL ASSESSMENT LETTER FOR DAVIS-BESSE NUCLEAR POWER  
STATION (REPORT 05000346/2012001)**

Dear Mr. Lieb:

On February 13, 2013, the NRC staff completed its end-of-cycle performance review of Davis-Besse Nuclear Power Station. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2012, through December 31, 2012. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined the performance at Davis-Besse during the most recent quarter was within the Regulatory Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because of one or more greater-than-green Security Cornerstone inputs on August 10, 2012, as described in Inspection Reports 05000346/2012405 and 050003461/2012403.

In addition to ROP baseline inspections, the NRC plans to conduct a supplemental inspection in accordance with Inspection Procedure 95001, "Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area." Your staff has not yet notified the NRC of your readiness for it to conduct a supplemental inspection to review the actions taken to address the performance issues.

The enclosed inspection plan lists the inspections scheduled through December 31, 2014. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last 12 months of the inspection plan are tentative and may be revised at the mid-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence. The NRC also plans on performing special and infrequently performed inspections: Inspection Procedure (IP) 50001, "Steam Generator Replacement Inspection," IP 71111.05T, "Fire Protection (Triennial)," and IP 71111.07T, "Heat Sink Performance."

R. Lieb

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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).

Please contact Mr. Jamnes Cameron, Chief, Division of Reactor Projects, Branch 6, at 630 829-9833 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

Gary L. Shear, Acting Director  
Division of Reactor Projects

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

Enclosure: Davis-Besse Inspection/Activity Plan

cc w/encl: Distribution via ListServ

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DATE	02/20/13	02/20/13	02/25/13		

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Letter to R. Lieb from G. Shear dated March 4, 2013.

SUBJECT: ANNUAL ASSESSMENT LETTER FOR DAVIS-BESSE NUCLEAR POWER  
STATION (REPORT 05000346/2012001)

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**Davis-Besse**  
**Inspection / Activity Plan**  
**03/01/2013 - 12/31/2014**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>BI FIRE - FIRE PROTECTION INSPECTION &amp; BAG TRIP</b>		<b>3</b>
1	02/25/2013	03/29/2013	IP 7111105T	Fire Protection [Triennial]	
			<b>BI EPX - EP EXERCISE INSPECTION / PI VERIFICATION</b>		<b>2</b>
1	05/13/2013	05/17/2013	IP 7111401	Exercise Evaluation	
1	05/13/2013	05/17/2013	IP 71151	Performance Indicator Verification	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	02/25/2013	03/01/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	02/25/2013	03/01/2013	IP 71124.04	Occupational Dose Assessment	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	04/01/2013	04/05/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	04/29/2013	05/03/2013	IP 71124.05	Radiation Monitoring Instrumentation	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	05/06/2013	05/10/2013	IP 71124.02	Occupational ALARA Planning and Controls	
1	05/06/2013	05/10/2013	IP 71151-BI01	Reactor Coolant System Activity	
1	05/06/2013	05/10/2013	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	05/06/2013	05/10/2013	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			<b>OL PREP - DAVIS-BESSE INIT PREP - 05/2013</b>		<b>2</b>
1	05/13/2013	05/17/2013	W90284	OL - INITIAL EXAM - 2013 MAY-JUNE - DAVIS-BESSE	
			<b>BI PI&amp;R - BIENNIAL PI&amp;R TEAM INSPECTION</b>		<b>5</b>
1	07/22/2013	08/09/2013	IP 71152B	Problem Identification and Resolution	
			<b>OL EXAM - DAVIS-BESSE INIT EXAM - 06/2013</b>		<b>3</b>
1	06/03/2013	06/14/2013	W90284	OL - INITIAL EXAM - 2013 MAY-JUNE - DAVIS-BESSE	
			<b>INSP - SHIELD BLDG LICENSING BASIS -CRACK FLWUP</b>		<b>1</b>
1	08/26/2013	09/27/2013	IP 71152	Problem Identification and Resolution	
			<b>INSP - STEAM GENERATOR REPLACEMENT INSPECTION</b>		<b>2</b>
1	08/26/2013	12/31/2013	IP 50001	Steam Generator Replacement Inspection	
			<b>BI HP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	11/04/2013	11/08/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
			<b>BI ISI - INSERVICE INSPECTION</b>		<b>1</b>
1	02/01/2014	04/17/2014	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>BI HP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	02/10/2014	02/14/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	

This report does not include INPO and OUTAGE activities.  
This report shows only on-site and announced inspection procedures.

**Davis-Besse**  
**Inspection / Activity Plan**  
**03/01/2013 - 12/31/2014**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>BI HP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	04/07/2014	04/11/2014	IP 71124.05	Radiation Monitoring Instrumentation	
			<b>BI EPRTN - EP ROUTINE INSPECTION / PI VERIFICATION</b>		<b>2</b>
1	05/05/2014	05/09/2014	IP 7111402	Alert and Notification System Testing	
1	05/05/2014	05/09/2014	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	05/05/2014	05/09/2014	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	05/05/2014	05/09/2014	IP 71151	Performance Indicator Verification	
			<b>BI HS - TRIENNIAL HEAT SINK INSPECTION</b>		<b>2</b>
1	06/23/2014	06/27/2014	IP 7111107T	Heat Sink Performance	
			<b>BI HP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	07/07/2014	07/11/2014	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			<b>BI HP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	09/08/2014	09/12/2014	IP 71124.07	Radiological Environmental Monitoring Program	
1	09/08/2014	09/12/2014	IP 71151-BI01	Reactor Coolant System Activity	
1	09/08/2014	09/12/2014	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	09/08/2014	09/12/2014	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			<b>BI MODS - MODIFICATIONS/50.59 INSPECTION</b>		<b>3</b>
1	11/03/2014	11/21/2014	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
			<b>BI OLRQ - BIENNIAL REQUAL PROGRAM INSPECTION</b>		<b>2</b>
1	12/01/2014	12/05/2014	IP 7111111B	Licensed Operator Requalification Program	

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