



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

March 4, 2014

Mr. Raymond Lieb
FirstEnergy Nuclear Operating Company
Davis-Besse Nuclear Power Station
5501 North State Route 2
Oak Harbor, OH 43449-9760

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR DAVIS-BESSE NUCLEAR POWER
STATION (REPORT 05000346/2013001)**

Dear Mr. Lieb:

On February 12, 2014, the U.S. Nuclear Regulatory Commission (NRC) 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, 2013 through December 31, 2013. 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 Nuclear Power Station 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 described in NRC Inspection Reports 05000346/2012405 and 05000346/2012403 dated November 8, 2012, and September 7, 2012, respectively. In response to these Action Matrix inputs, the NRC informed you that a supplemental inspection would be required. On September 6, 2013, you informed the NRC that the station was ready for the supplemental inspection.

NRC Inspection Report 05000346/2013408, dated December 19, 2013, advised you that the supplemental inspection was satisfactorily completed and that the NRC determined that completed or planned corrective actions were sufficient to address the performance that led to the one or more greater-than-green Security Cornerstone inputs. As a result, the NRC determined that the inputs would be closed and the performance issues would not be considered as Action Matrix inputs as of December 19, 2013. Thus, the NRC determined the performance at Davis-Besse Nuclear Power Station was considered to be in the Licensee Response Column of the ROP Action Matrix as of December 19, 2013.

As a result of the Safety Culture Common Language Initiative, the terminology and coding of cross-cutting aspects were revised. All cross-cutting aspects identified during inspections conducted in calendar year 2014 will reflect this revision to Inspection Manual Chapter (IMC) 0310. The CY 2013 end-of-cycle assessments were conducted using the IMC 0310 guidance in effect in CY 2013 (dated October 28, 2011). Cross-cutting aspects identified in 2013 using the 2013 terminology will be converted to the latest revision in accordance with the cross-reference in IMC 0310 during the mid-cycle assessment review and evaluated for cross-cutting themes and potential substantive cross-cutting issues in accordance with IMC 0305.

R. Lieb

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The enclosed inspection plan lists the inspections scheduled through June 30, 2015. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine 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 is continuing inspection activities associated with Davis-Besse Nuclear Power Station steam generator replacement activities. Most of the inspections are being conducted using NRC Inspection Procedure 50001, "Steam Generator Replacement Inspection," and are expected to continue until after your replacement outage concludes.

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 System (PARS) component of NRC's Agencywide Documents Access and Management 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. James Cameron, at 630-829-9833, with any questions you have regarding this letter.

Sincerely,

/RA/

Anne T. Boland, Director
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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Letter to Raymond Lieb from Anne Boland dated March 4, 2014

SUBJECT: ANNUAL ASSESSMENT LETTER FOR DAVIS-BESSE NUCLEAR POWER
STATION (REPORT 05000346/2013001)

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Davis-Besse
Inspection / Activity Plan
03/01/2014 - 06/30/2015

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			SG REPL - STEAM GENERATOR REPLACEMENT INSPECTION		4
1	01/01/2014	05/08/2014	IP 50001	Steam Generator Replacement Inspection	
1	01/01/2014	05/08/2014	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
1	01/01/2014	05/08/2014	IP 7111118	Plant Modifications	
			BI ISI - INSERVICE INSPECTION		2
1	02/01/2014	03/31/2014	IP 7111108P	Inservice Inspection Activities - PWR	
			BI EPRTN - EP ROUTINE INSPECTION / PI VERIFICATION		2
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	
			BI HS - TRIENNIAL HEAT SINK INSPECTION		3
1	06/23/2014	06/27/2014	IP 7111107T	Heat Sink Performance	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	07/07/2014	07/11/2014	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
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	
			BI MODS - MODIFICATIONS/50.59 INSPECTION		4
1	11/03/2014	11/21/2014	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	10/06/2014	10/10/2014	IP 71124.05	Radiation Monitoring Instrumentation	
			ISFSI - ISFSI OPERATION AT A REACTOR SITE		1
1	11/01/2014	11/30/2014	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			BI OLRQ - BIENNIAL REQUAL PROGRAM INSPECTION		2
1	12/08/2014	12/12/2014	IP 7111111B	Licensed Operator Requalification Program	
			BI ENG - COMPONENT DESIGN BASIS INSPECTION		1
1	01/26/2015	02/27/2015	IP 7111121	Component Design Bases Inspection	
			BI EPX - EP EXERCISE INSPECTION / PI VERIFICATION		2
1	05/04/2015	05/08/2015	IP 7111407	Exercise Evaluation - Hostile Action (HA) Event	
1	05/04/2015	05/08/2015	IP 71151	Performance Indicator Verification	

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

Davis-Besse
Inspection / Activity Plan
03/01/2014 - 06/30/2015

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	02/23/2015	02/27/2015	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
			71152B - BIENNIAL PI&R		4
1	03/23/2015	04/10/2015	IP 71152B	Problem Identification and Resolution	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	04/20/2015	04/24/2015	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	04/20/2015	04/24/2015	IP 71124.04	Occupational Dose Assessment	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	05/04/2015	05/08/2015	IP 71124.02	Occupational ALARA Planning and Controls	
1	05/04/2015	05/08/2015	IP 71151-BI01	Reactor Coolant System Activity	
1	05/04/2015	05/08/2015	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	05/04/2015	05/08/2015	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			OL PREP - INIT EXAM/JUNE 2015		2
1	05/18/2015	05/22/2015	W90327	OL - INITIAL EXAM - 2015 JUN-JUL - DAVIS-BESSE	
			OL EXAM - INIT EXAM/JUNE 2015		3
1	06/15/2015	06/26/2015	W90327	OL - INITIAL EXAM - 2015 JUN-JUL - DAVIS-BESSE	

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