



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

March 3, 2010

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: ANNUAL ASSESSMENT LETTER - DAVIS-BESSE NUCLEAR
POWER STATION (05000346/2010001)**

Dear Mr. Allen:

On February 11, 2010, 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 for the period from January 1 through December 31, 2009. 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.

Overall, Davis-Besse operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter was within the Regulatory Response column of the NRC's Action Matrix, based on one finding associated with the Emergency Preparedness Cornerstone being classified as having low to moderate safety significance (White). This White finding, from the fourth quarter of 2009, involved your failure to classify an actual Alert in a timely manner during a June 2009 switchyard event. Therefore, we plan to conduct Supplemental Inspection 95001 in addition to baseline inspection activities based on your current placement in the Action Matrix. When we are notified by your staff of your readiness for the NRC to conduct a supplemental inspection, we will schedule a 95001 inspection to facilitate the review of actions you have taken to address the White finding. We also plan on conducting several special and infrequently performed Inspection Procedures (IPs) which include: IP 60855.1, "Operation of an Independent Spent Fuel Storage Installation at Operating Plants"; IP 92709, "Licensee Plans for Coping with Strikes"; and IP 71002, "License Renewal."

The enclosed inspection plan details the inspections, less those related to security scheduled through June 30, 2011. 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 9 months of the inspection plan are tentative and may be revised at the mid-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).

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 Jamnes Cameron at 630-829-9833 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Steven West, 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

Davis-Besse
Inspection / Activity Plan
03/01/2010 - 06/30/2011

Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End			
		BI ENG - ENGINEERING INSERVICE INSPECTION		1
02/15/2010	03/05/2010	IP 2515/172	Reactor Coolant System Dissimilar Metal Butt Welds	
02/15/2010	03/05/2010	IP 7111108P	Inservice Inspection Activities - PWR	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
03/01/2010	03/05/2010	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
03/01/2010	03/05/2010	IP 71124.02	Occupational ALARA Planning and Controls	
		BI ENG - TRIENNIAL FIRE INS INFO GATHERING TRIP		3
04/12/2010	04/16/2010	IP 7111105T	Fire Protection [Triennial]	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
04/19/2010	04/23/2010	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
04/19/2010	04/23/2010	IP 71151-BI01	Reactor Coolant System Activity	
		BI ENG - TRIENNIAL FIRE PROTECTION INSPECTION		3
04/26/2010	05/14/2010	IP 7111105T	Fire Protection [Triennial]	
		BI EP - EP ROUTINE INSPECTION / PI VERIFICATION		2
04/26/2010	04/30/2010	IP 7111402	Radiological Environmental Monitoring Program	
04/26/2010	04/30/2010	IP 7111403	Emergency Response Organization Augmentation Testing	
04/26/2010	04/30/2010	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
04/26/2010	04/30/2010	IP 71151-EP01	Drill/Exercise Performance	
04/26/2010	04/30/2010	IP 71151-EP02	ERO Drill Participation	
04/26/2010	04/30/2010	IP 71151-EP03	Alert & Notification System	
		TI - TEMPORARY INSTRUCTION 2515/180		1
05/18/2010	05/18/2010	IP 2515/180	Inspection of Procedures and Processes for Managing Fatigue	
		ISFSI - ISFSI INSPECTION		1
07/01/2010	07/31/2010	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
08/30/2010	09/03/2010	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
08/30/2010	09/03/2010	IP 71151-PR01	RETS/ODCM Radiological Effluent	
		STRIKE - STRIKE CONTINGENCY - OPS/MAINT/RP		2
10/02/2010	11/01/2010	IP 92709	Licensee Strike Contingency Plans	
		BI OL - LIC. OPERATOR REQUAL. PROGRAM EVALUATION		2
11/15/2010	11/19/2010	IP 7111111B	Licensed Operator Requalification Program	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
11/29/2010	12/03/2010	IP 2515/179	Verification of Licensee Responses to NRC Requirement for Inventories of Materials Tracked in NSTS	
11/29/2010	12/03/2010	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	

Davis-Besse
Inspection / Activity Plan
03/01/2010 - 06/30/2011

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		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
11/29/2010	12/03/2010	IP 71124.02	Occupational ALARA Planning and Controls	
11/29/2010	12/03/2010	IP 71151-OR01	Occupational Exposure Control Effectiveness	
		BI ENG - TRIENNIAL ENGINEERING PERM MODS/50.59		1
01/10/2011	01/28/2011	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
01/24/2011	01/28/2011	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
01/24/2011	01/28/2011	IP 71124.04	Occupational Dose Assessment	
01/24/2011	01/28/2011	IP 71151-BI01	Reactor Coolant System Activity	
		RENEWAL - LICENSE RENEWAL 71002		4
04/25/2011	05/13/2011	IP 71002	License Renewal Inspection	
		BI EP - EP EXERCISE INSPECTION / PI VERIFICATION		3
05/16/2011	05/20/2011	IP 7111401	Exercise Evaluation	
05/16/2011	05/20/2011	IP 71151-EP01	Drill/Exercise Performance	
05/16/2011	05/20/2011	IP 71151-EP02	ERO Drill Participation	
05/16/2011	05/20/2011	IP 71151-EP03	Alert & Notification System	

B. Allen

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Letter to B. Allen from S. West dated March 3, 2010.

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POWER STATION (05000346/2010001)

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