



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

March 2, 2018

Mr. Mark Bezilla
Site Vice President
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 05000346/2017006)**

Dear Mr. Bezilla:

The NRC has completed its end-of-cycle performance assessment of Davis-Besse Nuclear Power Station reviewing performance indicators (PIs), inspection results, and enforcement actions from January 1, 2017 through December 31, 2017. 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 concluded that overall performance at your facility preserved public health and safety.

Although plant performance was within the Licensee Response Column, the NRC has assigned a preliminary significance of low-to-moderate (White) to Apparent Violation 05000346/2017004-04, "Apparent Failure to Prescribe Appropriate Work Instructions for an Activity Affecting Quality." This Apparent Violation was previously described in Davis-Besse Inspection Report 05000346/2017004, dated February 14, 2018 (ML18045A076). The NRC's preliminary significance determination is documented in Davis-Besse Inspection Report 05000346/2017010, which will be issued under separate cover. That inspection report's transmittal letter also provides Davis-Besse's alternatives to responding to the apparent violation and the preliminary significance determination. The final safety significance determination may affect the NRC's assessment of plant performance and the enclosed inspection plan. Also, during this assessment year, the plant was in Column 2 due to a White performance indicator. As stated in NRC's inspection report and quarterly assessment letter dated May 12, 2017 (ADAMS Accession Number ML17132A193), the plant returned to Column 1 at the end of the first quarter of 2017 after a successful supplemental inspection.

The enclosed inspection plan lists the inspections scheduled through December 31, 2019. This updated inspection plan now includes planned security inspections which were formerly transmitted under separate correspondence. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. 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. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

The enclosed inspection plan includes, among other items, a design basis inspection in September and October 2017 using inspection procedure 71111.21M, "Design Bases Assurance Inspection (Teams)."

This letter and its enclosure will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Please contact Jamnes Cameron at 630-829-9833 with any questions you have regarding this letter.

Sincerely,

/RA/

Patrick L. Loudon, Director
Division of Reactor Projects

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

Enclosure:
Inspection Plan

cc: Distribution via LISTSERV®

Letter to Mark Bezilla from Patrick Loudon dated March 2, 2018

SUBJECT: ANNUAL ASSESSMENT LETTER FOR DAVIS-BESSE NUCLEAR POWER STATION (REPORT (05000346/2017006)

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IP 22 Inspection Activity Plan Report

07200014 - Davis-Besse (ISFSI)

03/01/2018 - 12/31/2019

Unit	Start	End	Activity	CAC	Title	Staff Count
ISFSI Preoperational and Initial Loading Inspection						
1	03/04/2019	03/08/2019	IP 60856	001003	Review of 10 CFR 72.212(b) Evaluations	1

IP 22 Inspection Activity Plan Report

Davis-Besse

03/01/2018 - 12/31/2019

Unit	Start	End	Activity	CAC	Title	Staff Count
INSERVICE INSPECTION						1
1	03/03/2018	04/09/2018	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
RADIATION PROTECTION BASELINE INSPECTION						2
1	03/05/2018	03/09/2018	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	03/05/2018	03/09/2018	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	03/05/2018	03/09/2018	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	03/05/2018	03/09/2018	IP 71124.04	000728	Occupational Dose Assessment	
SECURITY BASELINE INSPECTION						1
1	03/26/2018	03/30/2018	IP 71130.01	000733	Access Authorization	
EP BASELINE INSPECTION / PI VERIFICATION						1
1	04/09/2018	04/13/2018	IP 71114.02	000717	Alert and Notification System Testing	
1	04/09/2018	04/13/2018	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1	04/09/2018	04/13/2018	IP 71114.05	000720	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	04/09/2018	04/13/2018	IP 71151	001397	Performance Indicator Verification	
SECURITY BASELINE INSPECTION						1
1	05/21/2018	05/25/2018	IP 71130.02	000734	Access Control	
1	05/21/2018	05/25/2018	IP 71151	001338	Performance Indicator Verification	
SECURITY BASELINE INSPECTION						2
1	07/09/2018	07/13/2018	IP 71130.05	000737	Protective Strategy Evaluation	
SECURITY BASELINE INSPECTION						2
1	09/03/2018	09/07/2018	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
DBA TEAM INSPECTION						6
1	09/17/2018	10/05/2018	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
RADIATION PROTECTION BASELINE INSPECTION						1
1	10/15/2018	10/19/2018	IP 71124.02	000726	Occupational ALARA Planning and Controls	
BIENNIAL REQUAL PROGRAM INSPECTION						2
1	12/03/2018	12/07/2018	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance - Biennial	

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

IP 22 Inspection Activity Plan Report

Davis-Besse

03/01/2018 - 12/31/2019

Unit	Start	End	Activity	CAC	Title	Staff Count
RADIATION PROTECTION BASELINE INSPECTION						1
1	01/28/2019	02/01/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
ISFSI Preoperational and Initial Loading Inspection						4
1	03/18/2019	03/22/2019	IP 60856.1	001002	Review of 10 CFR 72.212(b) Evaluations at Operating Plants	
1	09/16/2019	09/20/2019	IP 60854.1	000589	Preoperational Testing of Independent Spent Fuel Storage Facility Installation at Operating Plants	
1	09/23/2019	09/27/2019	IP 60854.1	000589	Preoperational Testing of Independent Spent Fuel Storage Facility Installation at Operating Plants	
1	10/14/2019	10/18/2019	IP 60855.1	000590	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
TRIENNIAL FIRE PROTECTION INSPECTION						3
1	04/08/2019	05/10/2019	IP 71111.05XT	000697	Fire Protection - NFPA 805 (Triennial)	
RADIATION PROTECTION BASELINE INSPECTION						1
1	04/08/2019	04/12/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
SECURITY BASELINE INSPECTION						1
1	04/08/2019	04/12/2019	IP 71130.02	000734	Access Control	
1	04/08/2019	04/12/2019	IP 71130.06	000738	Protection of Safeguards Information	
EP EXERCISE INSPECTION / PI VERIFICATION						2
1	04/15/2019	04/19/2019	IP 71114.01	000716	Exercise Evaluation	
1	04/15/2019	04/19/2019	IP 71114.06	000721	Drill Evaluation	
1	04/15/2019	04/19/2019	IP 71151	001397	Performance Indicator Verification	
RADIATION PROTECTION BASELINE INSPECTION						2
1	07/08/2019	07/12/2019	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1	07/08/2019	07/12/2019	IP 71124.07	000731	Radiological Environmental Monitoring Program	
SECURITY BASELINE INSPECTION						2
1	08/05/2019	08/09/2019	IP 71130.07	000739	Security Training	
1	08/05/2019	08/09/2019	IP 71130.14	000743	Review of Power Reactor Target Sets	
1	08/05/2019	08/09/2019	IP 71151	001338	Performance Indicator Verification	
BIENNIAL PI&R INSPECTION						1
1	08/05/2019	08/23/2019	IP 71152B	000747	Problem Identification and Resolution	

This report does not include INPO and OUTAGE activities.

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IP 22 Inspection Activity Plan Report

Davis-Besse

03/01/2018 - 12/31/2019

Unit	Start	End	Activity	CAC	Title	Staff Count
DBA PROGRAMS (EQ)						3
1	10/21/2019	10/25/2019	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
1	11/04/2019	11/08/2019	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
RADIATION PROTECTION BASELINE INSPECTION						1
1	10/21/2019	10/25/2019	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	