



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

March 3, 2020

Mr. Mark Bezilla  
Site Vice President  
FirstEnergy Nuclear Operating Co.  
Davis-Besse Nuclear Power Station  
5501 N. State Rte. 2, Mail Stop A-DB-3080  
Oak Harbor, OH 43449-9760

**SUBJECT: ANNUAL ASSESSMENT LETTER DAVIS-BESSE NUCLEAR POWER STATION  
(REPORT 05000346/2019006)**

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, 2019 through December 31, 2019. 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.

The NRC determined the performance at Davis-Besse Nuclear Power Station during the most recent quarter was within the Licensee Response Column, the highest performance category of the NRC's Reactor Oversight Process (ROP) Action Matrix, because all inspection findings had very low safety significance (i.e., Green), and all PIs were within the expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through December 31, 2021. 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. You should be aware that the agency is pursuing potential changes to the ROP, including changes to engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections"), and other changes to the baseline inspection program described in SECY-19-0067, "Recommendations for Enhancing the Reactor Oversight Process." Should these changes to the ROP be implemented, the engineering and other region-based inspections are subject to change in scope, as well as schedule. The inspections listed during the last twelve 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.

Additionally, during this period the NRC will schedule and perform inspections per a revised version of Temporary Instruction (TI) 2515/194, "Inspection of the Licensee's Implementation of Industry Initiative Associated with the Open Phase Condition Design Vulnerability in Electrical Power Systems (NRC Bulletin 2012-01)" based on licensee risk evaluation completion and related NRR inspection guidance.

This letter, its enclosure, and your response (if any) 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 me at 630-829-9827 with any questions you have regarding this letter.

Sincerely,

*/RA/*

Billy C. Dickson, Jr., Chief  
Branch 2  
Division of Reactor Projects

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

Enclosure:  
Inspection Plan

cc: Distribution via LISTSERV®

Letter to Mark Bezilla from Billy Dickson dated March 3, 2020.

SUBJECT: ANNUAL ASSESSMENT LETTER DAVIS-BESSE NUCLEAR POWER STATION  
(REPORT 05000346/2019006)

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# IP 22 Inspection Activity Plan Report

## Davis-Besse

03/01/2020 - 12/31/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Inservice Inspection</b>						1
1	03/02/2020	03/20/2020	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>Radiation Protection Baseline Inspection</b>						1
1	03/02/2020	03/06/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	03/02/2020	03/06/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
<b>Security Baseline Inspection</b>						1
1	03/16/2020	03/20/2020	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
<b>Security Baseline Inspection</b>						1
1	04/27/2020	05/01/2020	IP 71130.02	000734	Access Control	
1	05/18/2020	05/22/2020	IP 71130.02	000734	Access Control	
<b>Force-On-Force Planning and Exercise Weeks - DB</b>						6
1	04/27/2020	05/01/2020	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1	05/18/2020	05/22/2020	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
<b>Radiation Protection Baseline Inspection</b>						1
1	09/21/2020	09/25/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	
<b>Evaluations of Changes, Tests, and Experiments Inspection</b>						3
1	11/16/2020	11/20/2020	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
<b>Davis-Besse Biennial Licensed Operator Requalification Program Inspection</b>						2
1	11/30/2020	12/04/2020	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>DB 2021 SROu Exam</b>						3
1	01/10/2021	01/16/2021	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	01/31/2021	02/06/2021	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>Davis-Besse February 2021 Initial License Exam</b>						4
1	01/11/2021	01/16/2021	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	02/01/2021	02/06/2021	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>Corporate Security Baseline Inspection</b>						1
1	02/08/2021	02/12/2021	IP 71130.01	000733	Access Authorization	

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

03/01/2020 - 12/31/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Radiation Protection Baseline Inspection</b>						1
1	02/22/2021	02/26/2021	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	02/22/2021	02/26/2021	IP 71124.04	000728	Occupational Dose Assessment	
<b>Security Baseline Inspection</b>						1
1	03/22/2021	03/26/2021	IP 71130.07	000739	Security Training	
1	03/22/2021	03/26/2021	IP 71151	001338	Performance Indicator Verification	
<b>Radiation Protection Baseline Inspection</b>						1
1	04/05/2021	04/09/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	
<b>Emergency Preparedness Exercise Inspection / Performance Indicator Verification</b>						4
1	05/03/2021	05/07/2021	IP 71114.01	000716	Exercise Evaluation	
1	05/03/2021	05/07/2021	IP 71151	001397	Performance Indicator Verification	
<b>License Renewal Phase 3</b>						1
1	05/17/2021	05/21/2021	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
<b>Radiation Protection Baseline Inspection</b>						1
1	07/12/2021	07/16/2021	IP 71124.07	000731	Radiological Environmental Monitoring Program	
<b>Security Baseline Inspection</b>						1
1	08/23/2021	08/27/2021	IP 71130.02	000734	Access Control	
1	08/23/2021	08/27/2021	IP 71130.05	000737	Protective Strategy Evaluation	
<b>Design Bases Assurance Inspection (Team)</b>						6
1	10/04/2021	10/22/2021	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
<b>ISFSI Program Review Inspection 4Q2021</b>						1
1	11/08/2021	11/12/2021	IP 60855.1	000590	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
<b>Radiation Protection Baseline Inspection</b>						1
1	11/15/2021	11/19/2021	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	