



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION II  
245 PEACHTREE CENTER AVENUE NE, SUITE 1200  
ATLANTA, GEORGIA 30303-1257

August 20, 2018

Mr. J. Ed Burchfield, Jr.  
Site Vice President  
Duke Energy Corporation  
Oconee Nuclear Station  
7800 Rochester Highway  
Seneca, SC 29672-0752

**SUBJECT: UPDATED INSPECTION PLAN FOR OCONEE NUCLEAR STATION UNITS 1, 2,  
AND 3 (NRC INSPECTION REPORT 05000269/2018005, 05000270/2018005,  
AND 05000287/2018005)**

Dear Mr. Burchfield:

The enclosed inspection plan lists the inspections scheduled through June 30, 2020, for Oconee Nuclear Station. 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 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.

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 404-997-4611 with any questions you have regarding this letter.

Sincerely,  
**/RA/**

Frank Ehrhardt, Chief  
Reactor Project Branch 1  
Division of Reactor Projects

Docket Nos.: 50-269, 50-270, 50-287  
License Nos.: DPR-38, DPR-47, DPR-55

Enclosure:  
Oconee Inspection Activity Plan  
(09/01/2018 – 06/30/2020)

cc Distribution via ListSer

E. Burchfield

2

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AND 3 (NRC INSPECTION REPORT 05000269/2018005, 05000270/2018005,  
AND 05000287/2018005) August 20, 2018

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**ADAMS Accession No. ML18232A256**

OFFICE	RII/DRP	RII/DRP	RII/DRP			
NAME	JWorosilo	MToth	FEhrhardt			
DATE	8/14/2018	8/13/2018	8/13/2018			

**OFFICIAL AGENCY RECORD**

# IP 22 Inspection Activity Plan Report

## Oconee

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>DESIGN BASES ASSURANCE INSPECTION (PROGRAMS)</b>						3
1, 2, 3	09/17/2018	09/21/2018	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
1, 2, 3	10/01/2018	10/05/2018	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
<b>UNIT 1 SG IN-SERVICE INSPECTION</b>						1
1	11/05/2018	11/09/2018	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
<b>UNIT 1 IN-SERVICE INSPECTION</b>						1
1	11/05/2018	11/09/2018	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
<b>DUKE CORP AA/FFD/SGI SECURITY INSPECTION</b>						2
1, 2, 3	11/05/2018	11/09/2018	IP 71130.01	000733	Access Authorization	
1, 2, 3	11/05/2018	11/09/2018	IP 71130.06	000738	Protection of Safeguards Information	
1, 2, 3	11/05/2018	11/09/2018	IP 71130.08	000740	Fitness For Duty Program	
<b>SECURITY BASELINE INSPECTION</b>						2
1, 2, 3	02/25/2019	03/01/2019	IP 71130.01	000733	Access Authorization	
1, 2, 3	02/25/2019	03/01/2019	IP 71130.02	000734	Access Control	
1, 2, 3	02/25/2019	03/01/2019	IP 71130.06	000738	Protection of Safeguards Information	
1, 2, 3	02/25/2019	03/01/2019	IP 71130.08	000740	Fitness For Duty Program	
1, 2, 3	02/25/2019	03/01/2019	IP 71151	001338	Performance Indicator Verification	
<b>OCONEE REQUAL INSPECTION</b>						2
1, 2, 3	03/11/2019	03/15/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	
<b>CYBER SECURITY</b>						2
1, 2, 3	04/08/2019	04/12/2019	IP 71130.10P	000741	Cyber Security	
1, 2, 3	04/22/2019	04/26/2019	IP 71130.10P	000741	Cyber Security	
<b>PROBLEM IDENTIFICATION AND RESOLUTION</b>						4
1, 2, 3	04/15/2019	04/19/2019	IP 71152B	000747	Problem Identification and Resolution	
1, 2, 3	04/29/2019	05/03/2019	IP 71152B	000747	Problem Identification and Resolution	
<b>NFPA 805 TRIENNIAL FIRE PROTECTION INSPECTION</b>						4
1, 2, 3	05/20/2019	05/24/2019	IP 71111.05XT	000697	Fire Protection - NFPA 805 (Triennial)	

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

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## Oconee

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>NFPA 805 TRIENNIAL FIRE PROTECTION INSPECTION</b>						<b>4</b>
1, 2, 3	06/03/2019	06/07/2019	IP 71111.05XT	000697	Fire Protection - NFPA 805 (Triennial)	
<b>TARGET SET</b>						<b>1</b>
1, 2, 3	06/03/2019	06/07/2019	IP 71130.14	000743	Review of Power Reactor Target Sets	
<b>EVALUATIONS OF CHANGES, TESTS AND EXPERIMENTS</b>						<b>3</b>
1, 2, 3	06/10/2019	06/14/2019	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
<b>EMERGENCY PREPAREDNESS PROGRAM INSPECTION</b>						<b>2</b>
1, 2, 3	09/16/2019	09/20/2019	IP 71114.02	000717	Alert and Notification System Testing	
1, 2, 3	09/16/2019	09/20/2019	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2, 3	09/16/2019	09/20/2019	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2, 3	09/16/2019	09/20/2019	IP 71114.05	000720	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2, 3	09/16/2019	09/20/2019	IP 71151	001397	Performance Indicator Verification	
<b>RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION – WEEK 1</b>						<b>3</b>
1, 2, 3	11/04/2019	11/08/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2, 3	11/04/2019	11/08/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2, 3	11/04/2019	11/08/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2, 3	11/04/2019	11/08/2019	IP 71124.04	000729	Occupational Dose Assessment	
1, 2, 3	11/04/2019	11/08/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
<b>UNIT 2 IN-SERVICE INSPECTION</b>						<b>1</b>
2	11/11/2019	11/15/2019	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
<b>UNIT 2 SG IN-SERVICE INSPECTION</b>						<b>1</b>
2	11/11/2019	11/15/2019	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
<b>RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION – WEEK 2</b>						<b>2</b>
1, 2, 3	12/09/2019	12/13/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2, 3	12/09/2019	12/13/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2, 3	12/09/2019	12/13/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2, 3	12/09/2019	12/13/2019	IP 71124.04	000729	Occupational Dose Assessment	
1, 2, 3	12/09/2019	12/13/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	

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## Oconee

09/01/2018 - 06/30/2020

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<b>FORCE-ON-FORCE PLANNING AND EXERCISE</b>						<b>7</b>
1, 2, 3	01/06/2020	01/10/2020	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1, 2, 3	01/27/2020	01/31/2020	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
<b>SECURITY BASELINE INSPECTION</b>						<b>3</b>
1, 2, 3	03/23/2020	03/27/2020	IP 71130.02	000734	Access Control	
1, 2, 3	03/23/2020	03/27/2020	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1, 2, 3	03/23/2020	03/27/2020	IP 71130.07	000739	Security Training	
1, 2, 3	03/23/2020	03/27/2020	IP 71151	001338	Performance Indicator Verification	
<b>UNIT 3 IN-SERVICE/SG IN-SERVICE INSPECTION</b>						<b>2</b>
3	04/20/2020	04/24/2020	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
<b>OCONEE INITIAL LICENSE EXAM</b>						<b>4</b>
1, 2, 3	04/27/2020	05/01/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2, 3	06/01/2020	06/12/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	