



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

August 20, 2018

Mr. Tom Simril
Site Vice President
Duke Energy Corporation
Catawba Nuclear Station
4800 Concord Road
York, SC 29745-9635

SUBJECT: UPDATED INSPECTION PLAN FOR CATAWBA NUCLEAR STATION UNITS 1
AND 2 (NRC INSPECTION REPORT 05000413/2018005 AND 05000414/2018005)

Dear Mr. Simril:

The enclosed inspection plan lists the inspections scheduled through June 30, 2020, for Catawba 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 Projects Branch 1
Division of Reactor Projects

Docket Nos.: 50-413, 50-414
License Nos.: NPF-35, NPF-52

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

cc Distribution via ListServ

SUBJECT: UPDATED INSPECTION PLAN FOR CATAWBA NUCLEAR STATION UNITS 1
AND 2 (NRC INSPECTION REPORT 05000413/2018005 AND 05000414/2018005)
August 20, 2018

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ADAMS Accession No. ML18232A195

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

Catawba

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
SECURITY BASELINE INSPECTION						1
1, 2	09/17/2018	09/21/2018	IP 71130.02	000734	Access Control	
1, 2	09/17/2018	09/21/2018	IP 71151	001338	Performance Indicator Verification	
TARGET SET						2
1, 2	10/01/2018	10/05/2018	IP 71130.14	000743	Review of Power Reactor Target Sets	
PROBLEM IDENTIFICATION AND RESOLUTION						4
1, 2	10/01/2018	10/05/2018	IP 71152B	000747	Problem Identification and Resolution	
1, 2	10/15/2018	10/19/2018	IP 71152B	000747	Problem Identification and Resolution	
DUKE CORP AA/FFD/SGI SECURITY INSPECTION						2
1, 2	11/05/2018	11/09/2018	IP 71130.01	000733	Access Authorization	
1, 2	11/05/2018	11/09/2018	IP 71130.06	000738	Protection of Safeguards Information	
1, 2	11/05/2018	11/09/2018	IP 71130.08	000740	Fitness For Duty Program	
UNIT 1 IN-SERVICE INSPECTION						1
1	11/26/2018	11/30/2018	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
UNIT 1 SG IN-SERVICE INSPECTION						1
1	11/26/2018	11/30/2018	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
SECURITY BASELINE INSPECTION						1
1, 2	12/17/2018	12/21/2018	IP 71130.01	000733	Access Authorization	
1, 2	12/17/2018	12/21/2018	IP 71130.06	000738	Protection of Safeguards Information	
1, 2	12/17/2018	12/21/2018	IP 71130.08	000740	Fitness For Duty Program	
CYBER SECURITY						2
1, 2	03/04/2019	03/08/2019	IP 71130.10P	000741	Cyber Security	
1, 2	03/18/2019	03/22/2019	IP 71130.10P	000741	Cyber Security	
EMERGENCY PREPAREDNESS PROGRAM INSPECTION						3
1, 2	03/11/2019	03/15/2019	IP 71114.02	000717	Alert and Notification System Testing	
1, 2	03/11/2019	03/15/2019	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2	03/11/2019	03/15/2019	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2	03/11/2019	03/15/2019	IP 71114.05	000720	Correction of Emergency Preparedness Weaknesses and Deficiencies	

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

Catawba

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
EMERGENCY PREPAREDNESS PROGRAM INSPECTION						3
1, 2	03/11/2019	03/15/2019	IP 71151	001397	Performance Indicator Verification	
FORCE-ON-FORCE PLANNING AND EXERCISE						8
1, 2	07/15/2019	07/19/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1, 2	08/05/2019	08/09/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
TRIENNIAL HEAT SINK PERFORMANCE						1
1, 2	07/22/2019	07/26/2019	IP 71111.07T	000700	Heat Sink Performance -Triennial	
RP PUBLIC RAD SAFETY BASELINE INSPECTION						2
1, 2	07/29/2019	08/02/2019	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	07/29/2019	08/02/2019	IP 71124.07	000731	Radiological Environmental Monitoring Program	
CATAWBA INITIAL LICENSE EXAM						3
1, 2	08/05/2019	08/09/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	09/09/2019	09/20/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
UNIT 2 SG IN-SERVICE INSPECTION						1
2	09/23/2019	09/27/2019	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
UNIT 2 IN-SERVICE INSPECTION						2
2	09/23/2019	09/27/2019	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
RP OCCUPATIONAL RAD SAFETY RAD HAZARDS & TRANSPORTATION BASELINE INSPECTION						2
1, 2	09/23/2019	09/27/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	09/23/2019	09/27/2019	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
DESIGN BASES ASSURANCE INSPECTION (PROGRAM)						1
1, 2	10/28/2019	11/01/2019	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
1, 2	11/18/2019	11/22/2019	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
SECURITY BASELINE INSPECTION						3
1, 2	11/04/2019	11/08/2019	IP 71130.02	000734	Access Control	
1, 2	11/04/2019	11/08/2019	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1, 2	11/04/2019	11/08/2019	IP 71130.07	000739	Security Training	

IP 22 Inspection Activity Plan Report

Catawba

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
SECURITY BASELINE INSPECTION						3
1, 2	11/04/2019	11/08/2019	IP 71151	001338	Performance Indicator Verification	
EVALUATIONS OF CHANGES, TESTS, AND EXPERIMENTS						3
1, 2	02/03/2020	02/07/2020	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
EMERGENCY PREPAREDNESS EXERCISE INSPECTION						6
1, 2	04/06/2020	04/10/2020	IP 71114.01	000716	Exercise Evaluation	
1, 2	04/06/2020	04/10/2020	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2	04/06/2020	04/10/2020	IP 71114.08	000723	Exercise Evaluation □ Scenario Review	
1, 2	04/06/2020	04/10/2020	IP 71151	001397	Performance Indicator Verification	
NFPA 805 TRIENNIAL FIRE PROTECTION INSPECTION						4
1, 2	04/13/2020	04/17/2020	IP 71111.05XT	000697	Fire Protection - NFPA 805 (Triennial)	
1, 2	04/27/2020	05/01/2020	IP 71111.05XT	000697	Fire Protection - NFPA 805 (Triennial)	
UNIT 1 IN-SERVICE/SG IN-SERVICE INSPECTION						2
1	05/11/2020	05/15/2020	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION - WEEK 1						2
1, 2	05/11/2020	05/15/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	05/11/2020	05/15/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	05/11/2020	05/15/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	05/11/2020	05/15/2020	IP 71124.04	000729	Occupational Dose Assessment	
1, 2	05/11/2020	05/15/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION - WEEK 2						3
1, 2	06/01/2020	06/05/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	06/01/2020	06/05/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	06/01/2020	06/05/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	06/01/2020	06/05/2020	IP 71124.04	000729	Occupational Dose Assessment	
1, 2	06/01/2020	06/05/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	