



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

March 4, 2014

Mr. Scott Batson
Site Vice President
Duke Energy Corporation
Oconee Nuclear Station
7800 Rochester Highway
Seneca, SC 29672-0752

SUBJECT: ANNUAL ASSESSMENT LETTER FOR OCONEE NUCLEAR STATION UNITS 1, 2 AND 3 (NRC INSPECTION REPORT 05000269/2014001, 05000270/2014001 AND 05000287/2014001)

Dear Mr. Batson:

On February 18, 2014, the NRC completed its end-of-cycle performance review of the Oconee Nuclear Station Units 1, 2 and 3. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1 through December 31, 2013. 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 determined that overall, Oconee Units 1, 2 and 3 operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at Oconee Units 1, 2, and 3 during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low safety significance (Green), and all PIs indicated that your performance was within the nominal, expected range (Green). Therefore, the NRC plans to conduct ROP baseline inspections at Oconee.

As a result of the Safety Culture Common Language Initiative, the terminology and coding of cross-cutting aspects were revised. All cross-cutting aspects identified during inspections conducted in calendar year 2014 will reflect this revision to Inspection Manual Chapter (IMC) 0310. The CY 2013 end-of-cycle assessments were conducted using the IMC 0310 guidance in effect in CY 2013 (dated October 28, 2011). Cross-cutting aspects identified in 2013 using the 2013 terminology will be converted to the latest revision in accordance with the cross-reference in IMC 0310 during the mid-cycle assessment review and evaluated for cross-cutting themes and potential substantive cross-cutting issues in accordance with IMC 0305.

The enclosed inspection plan lists the inspections scheduled through June 30, 2015. Routine inspections performed by resident inspectors are not included in the inspection plan. We will also be performing Temporary Instruction 182, Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping, and reactor operator licensing examinations. Additionally, the staff will continue its review of modifications associated with fire,

tornado, and high energy line break mitigation. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the mid-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. This inspection plan does not include security related inspections which will be sent via separate, non-publicly available correspondence.

From January 1 to December 31, 2013, the NRC issued one Severity Level (SL) III and four SL IV traditional enforcement violations associated with impeding the regulatory process. During the previous mid-cycle assessment, we determined that additional follow-up inspection was not warranted. However, there have been three additional violations associated with impeding the regulatory process since the mid-cycle assessment. Therefore, the NRC plans to conduct Inspection Procedure 92723 "Follow Up Inspection for Three or More Severity Level IV Traditional Enforcement Violations in the Same Area in a 12-Month Period" to review your assessment and corrective actions for this traditional enforcement area.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component NRC's documentation system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at 404-997-4551 with any questions you have regarding this letter.

Sincerely,

/RA/

Gerald J. McCoy, Chief
Reactor Projects 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
(03/01/2014 – 06/30/2015)

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X PUBLICLY AVAILABLE

NON-PUBLICLY AVAILABLE

SENSITIVE

X NON-SENSITIVE

ADAMS: X Yes

ACCESSION NUMBER: _____

X SUNSI REVIEW COMPLETE FORM 665 ATTACHED

OFFICE	RII:DRP	RII:DRP	RII:DRP				
SIGNATURE	CWR /RA/	GJM /RA for/	GJM /RA/				
NAME	CRapp	ARuh	GMcCoy				
DATE	02/25/2014	02/27/2014	02/27/2014				
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: S:\DRP\PERIODIC ASSESSMENTS & REPORTS\EOC & MID-CYCLE\2013\END OF CYCLE\INPUT\ADMIN ASSIST WORKING FOLDER\OCONEE 2013 EOC LETTER.DOCX

S. Batson

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Letter to S. Batson from Gerald J. McCoy dated March 4, 2014

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Distribution w/encl:

C. Evans, RII

L. Douglas, RII

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PUBLIC

RidsNrrPMOconee Resource

ROP Assessment

Institute of Nuclear Power Operations (INPO)

Oconee

Inspection / Activity Plan

03/01/2014 - 06/30/2015

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
1, 2, 3	03/03/2014	03/07/2014	CDBI	- COMPONENT DESIGN BASES INSPECTION	10
			IP 7111121	Component Design Bases Inspection	
1, 2, 3	03/17/2014	03/21/2014	IP 7111121	Component Design Bases Inspection	
1, 2, 3	03/31/2014	04/02/2014	TI-182	- TI-182 BURIED PIPING/TANK - PHASE 2	1
			IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
3	04/21/2014	04/25/2014	ISI	- UNIT 3 IN-SERVICE INSPECTION	1
			IP 7111108P	Inservice Inspection Activities - PWR	
3	04/21/2014	04/25/2014	LR	- UNIT 3 POST APPROVAL LR PHASE 1	2
			IP 71003	Post-Approval Site Inspection for License Renewal	
3	04/28/2014	05/02/2014	SGISI	- UNIT 3 SG IN-SERVICE INSPECTION	1
			IP 7111108P	Inservice Inspection Activities - PWR	
1, 2, 3	05/05/2014	05/09/2014	RP	- RAD HAZARD ASSESSMENT AND TRANSPORTATION	2
			IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2, 3	05/05/2014	05/09/2014	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1, 2, 3	05/05/2014	05/09/2014	IP 71151	Performance Indicator Verification	
1	05/12/2014	05/16/2014	OL EXAM	- INITIAL LICENSE EXAM PREP	3
			V23424	OCONEE/JUNE 2014 INITIAL EXAM AT POWER FACILITIES	
1	06/09/2014	06/13/2014	OL EXAM	- INITIAL LICENSE EXAM WEEK 1	3
			V23424	OCONEE/JUNE 2014 INITIAL EXAM AT POWER FACILITIES	
1, 2, 3	06/16/2014	06/20/2014	RP	- RP PUBLIC RADIATION SAFETY BASELINE	2
			IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2, 3	06/16/2014	06/20/2014	IP 71124.07	Radiological Environmental Monitoring Program	
1, 2, 3	06/16/2014	06/20/2014	IP 71151	Performance Indicator Verification	
1, 2	08/18/2014	08/22/2014	EP	- EP EXERCISE	3
			IP 7111404	Emergency Action Level and Emergency Plan Changes	
1, 2, 3	08/18/2014	08/22/2014	IP 7111407	Exercise Evaluation - Hostile Action (HA) Event	
1, 2, 3	08/18/2014	08/22/2014	IP 71151	Performance Indicator Verification	
1	11/03/2014	11/07/2014	ISI	- UNIT 1 IN-SERVICE INSPECTION	1
			IP 7111108P	Inservice Inspection Activities - PWR	
1, 2, 3	01/19/2015	01/23/2015	HS	- TRIENNIAL HEAT SINK PERFORMANCE	1
			IP 7111107T	Heat Sink Performance	
1, 2, 3	04/13/2015	04/17/2015	PI&R	- PROBLEM IDENTIFICATION AND RESOLUTION	5
			IP 71152B	Problem Identification and Resolution	

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

Enclosure

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
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1, 2, 3	04/27/2015 05/01/2015	PI&R - PROBLEM IDENTIFICATION AND RESOLUTION IP 71152B	Problem Identification and Resolution	5
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