



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

March 4, 2015

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 10, 2015, 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, 2014 through December 31, 2014. 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 the performance at Oconee Unit 1 during the most recent quarter was within the Regulatory Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because of one White inspection finding in the initiating events cornerstone. On January 20, 2015, your staff notified the NRC of your readiness for it to conduct a supplemental inspection to review the actions taken to address the performance issues. Therefore, in addition to ROP baseline inspections at your facility, the NRC conducted a supplemental inspection using Inspection Procedure 95001, "Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area" during the week of February 23, 2015.

The NRC determined the performance at Oconee Units 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 (i.e., Green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at Oconee.

The enclosed inspection plan lists the inspections scheduled through June 30, 2016. Routine inspections performed by resident inspectors are not included in the inspection plan. 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.

Additionally, an NRC audit of licensee efforts towards compliance with Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events," and Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation" is ongoing for various sites. The audit includes an onsite visit for the NRC staff to evaluate mitigating strategies as described in the licensee submittals, and to receive and review information relative to associated open items. This onsite audit will occur prior to the first unit at the site achieving compliance with the Orders and the audit will aid NRC staff in developing a final Safety Evaluation for the site. The audit at your site has been scheduled for the week of July 20, 2015. A site-specific audit plan for the visit will be provided in advance to allow sufficient time for preparations.

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

Sincerely,

/RA/

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

Docket Nos.: 50-269, 50-270, 50-287

License Nos.: DPR-38, DPR-47, DPR-55

Enclosure: Oconee Inspection/Activity Plan
(03/01/2015 – 06/30/2016)

cc distribution via ListServ

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

Sincerely,
 /RA/
 Frank Ehrhardt, Chief
 Reactor Projects Branch 1
 Division of Reactor Projects

Docket Nos.: 50-269, 50-270, 50-287

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 (03/01/2015 – 06/30/2016)

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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	/RA By JGW1/	/RA FJE/					
NAME	JWorosilo	FEhrhardt					
DATE	3/2/2015	3/2/2105					
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\2014\END OF CYCLE\INPUT\RPB\OCONEE\OCONEE 2014 EOC LETTER.DOCX

S. Batson

3

Letter to S. Batson from Frank Ehrhardt dated March 4, 2015

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

Distribution w/encl:

C. Evans, RII

L. Gibson, RII

OE Mail

RIDSNRRDIRS

PUBLIC

RidsNrrPMOconee Resource

ROP Assessment

Institute of Nuclear Power Operations (INPO)

Oconee
Inspection / Activity Plan
03/01/2015 - 06/30/2016

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			OL RQ - REQUAL INSP		2
1, 2, 3	03/16/2015	03/20/2015	IP 7111111B	Licensed Operator Requalification Program	
			PI&R - PROBLEM IDENTIFICATION AND RESOLUTION		7
1, 2, 3	04/13/2015	04/17/2015	IP 71152B	Problem Identification and Resolution	
1, 2, 3	04/27/2015	05/01/2015	IP 71152B	Problem Identification and Resolution	
			OL EXAM - INITIAL LICENSE EXAM PREP		3
1	05/11/2015	05/15/2015	V23457	OCONEE JUNE 2015 INITIAL EXAM AT POWER FACILIITES	
			OL EXAM - INITIAL LICENSE EXAM		3
1	06/08/2015	08/12/2015	V23457	OCONEE JUNE 2015 INITIAL EXAM AT POWER FACILIITES	
			HS - TRIENNIAL HEAT SINK PERFORMANCE		1
1, 2, 3	08/31/2015	09/04/2015	IP 7111107T	Heat Sink Performance	
			EP - EP PROGRAM INSPECTION		4
1, 2, 3	09/28/2015	10/02/2015	IP 7111402	Alert and Notification System Testing	
1, 2, 3	09/28/2015	10/02/2015	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1, 2, 3	09/28/2015	10/02/2015	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1, 2, 3	09/28/2015	10/02/2015	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2, 3	09/28/2015	10/02/2015	IP 71151	Performance Indicator Verification	
			RP - RP OCCUPATIONAL BASELINE WEEK 1		2
1, 2, 3	10/19/2015	10/23/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2, 3	10/19/2015	10/23/2015	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2, 3	10/19/2015	10/23/2015	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2, 3	10/19/2015	10/23/2015	IP 71124.04	Occupational Dose Assessment	
1, 2, 3	10/19/2015	10/23/2015	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2, 3	10/19/2015	10/23/2015	IP 71151	Performance Indicator Verification	
			ISI - UNIT 2 IN-SERVICE INSPECTION		1
2	10/26/2015	10/30/2015	IP 7111108P	Inservice Inspection Activities - PWR	
			OL EXAM - INITIAL LICENSE EXAM PREP		3
1	11/02/2015	11/06/2015	V23465	OCONEE NOVEMBER 2015 INITIAL EXAM AT POWER FACILITIES	
			RP - RP OCCUPATIONAL BASELINE WEEK 2		3
1, 2, 3	11/02/2015	11/06/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2, 3	11/02/2015	11/06/2015	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2, 3	11/02/2015	11/06/2015	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2, 3	11/02/2015	11/06/2015	IP 71124.04	Occupational Dose Assessment	
1, 2, 3	11/02/2015	11/06/2015	IP 71124.05	Radiation Monitoring Instrumentation	

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

Oconee
Inspection / Activity Plan
03/01/2015 - 06/30/2016

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			RP - RP OCCUPATIONAL BASELINE WEEK 2		3
1, 2, 3	11/02/2015	11/06/2015	IP 71151	Performance Indicator Verification	
			SGISI - UNIT 2 SG IN-SERVICE INSPECTION		1
2	11/02/2015	11/06/2015	IP 7111108P	Inservice Inspection Activities - PWR	
			OL EXAM - INITIAL LICENSE EXAM		3
1	11/30/2015	12/11/2015	V23465	OCONEE NOVEMBER 2015 INITIAL EXAM AT POWER FACILITIES	
			TFPI - TRIENNIEL FIRE PROTECTION INSPECTION		4
1, 2, 3	02/29/2016	03/04/2016	IP 7111105T	Fire Protection [Triennial]	
1, 2, 3	03/14/2016	03/18/2016	IP 7111105T	Fire Protection [Triennial]	
			RP - RAD HAZARDS ANALYSIS AND TRANSPORTATION		2
1, 2, 3	04/25/2016	04/29/2016	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2, 3	04/25/2016	04/29/2016	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			ISI - UNIT 3 IN-SERVICE INSPECTION		1
3	05/02/2016	05/06/2016	IP 7111108P	Inservice Inspection Activities - PWR	
			SGISI - UNIT 3 SG IN-SERVICE INSPECTION		1
3	05/09/2016	05/13/2016	IP 7111108P	Inservice Inspection Activities - PWR	
			OL EXAM - INITIAL LICENSE EXAM PREP		3
1	05/16/2016	05/20/2016	V23470	OCONEE JUNE 2016 INITIAL EXAM AT POWER FACILITIES	
			RP - RP PUBLIC RAD SAFETY BASELINE		2
1, 2, 3	06/06/2016	06/10/2016	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2, 3	06/06/2016	06/10/2016	IP 71124.07	Radiological Environmental Monitoring Program	
1, 2, 3	06/06/2016	06/10/2016	IP 71151	Performance Indicator Verification	
			OL EXAM - INITIAL LICENSE EXAM		3
1	06/13/2016	06/17/2016	V23470	OCONEE JUNE 2016 INITIAL EXAM AT POWER FACILITIES	

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