



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

September 3, 2013

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

**SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR OCONEE NUCLEAR STATION  
UNITS 1, 2, AND 3 (NRC INSPECTION REPORT 05000269/2013006,  
05000270/2013006, AND 05000289/2013006)**

Dear Mr. Batson:

On August 13, 2013, the NRC completed its mid-cycle performance review of 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 July 1, 2012, through June 30, 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 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.

The enclosed inspection plan lists the inspections scheduled through December 31, 2014. Routine inspections performed by resident inspectors are not included in the inspection plan. In addition to ROP baseline inspections, we will perform TI-182, Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping and Tanks, reactor operator licensing examinations, and a Commercial Grade Dedication program inspection. Also, we will perform TI-190, Inspection of the Licensee's Proposed Interim Actions as a Result of the Near-Term Task Force Recommendation 2.1 Flooding Reevaluation, in September 2013. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the end-of-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.

S. Batson

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From July 1, 2012, to June 30, 2013, the NRC issued three Severity Level IV traditional enforcement violations associated with impeding the regulatory process. However, the NRC has decided not to perform 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, at this time because the causes for the group of violations are understood and the extent of condition has been adequately evaluated. We will use routine ROP baseline inspection to follow up on the effectiveness of your corrective actions.

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 of NRC's document 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 404-997-4607 with any questions you have regarding this letter.

Sincerely,

*/RA/*

Jonathan H. Bartley, Chief  
Projects Branch 1  
Division of Reactor Projects

Docket No.: 50-269, 50-270, 50-287  
License No.: DPR-38, DPR-47, DPR-55

Enclosure: Oconee Inspection/Activity Plan  
(09/01/2013 – 12/31/2014)

cc: Distribution via Listserv

S. Batson

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PUBLICLY AVAILABLE       NON-PUBLICLY AVAILABLE       SENSITIVE       NON-SENSITIVE  
ADAMS:  Yes      ACCESSION NUMBER: ML13246A149       SUNSI REVIEW COMPLETE       FORM 665 ATTACHED

OFFICE	RII:DRP	RII:DRP					
SIGNATURE	CWR /RA/	JHB /RA/					
NAME	CRapp	JBartley					
DATE	08/21/2013	08/29/2013					
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY      DOCUMENT NAME: [HTTP://PORTAL.NRC.GOV/EDO/RII/DRP/BRANCH1/QUARTERLY DEBRIEF INPUTS/MIDCYCLE DOCUMENTS/ONS MIDCYCLE LETTER.DOCX](http://portal.nrc.gov/edo/rii/drp/branch1/quarterly_debrief_inputs/midcycle_documents/ons_midcycle_letter.docx)

S. Batson

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Letter to Scott L. Batson from Jonathan H. Bartley dated September 3, 2013

SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR OCONEE NUCLEAR STATION  
UNITS 1, 2, AND 3 (NRC INSPECTION REPORT 05000269/2013006,  
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ROP Reports

## Oconee

## Inspection / Activity Plan

09/01/2013 - 12/31/2014

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
1, 2, 3	09/16/2013 09/20/2013	<b>EP - EMERGENCY PREPAREDNESS INSPECTION</b>		2
		IP 7111402	Alert and Notification System Testing	
1, 2, 3	09/16/2013 09/20/2013	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1, 2, 3	09/16/2013 09/20/2013	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2, 3	09/16/2013 09/20/2013	IP 71151	Performance Indicator Verification	
1, 2, 3	10/07/2013 10/09/2013	<b>TI-182</b>	<b>TI-182 BURIED PIPING/TANK - PHASE 2</b>	1
		IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
2	10/21/2013 10/25/2013	<b>ISI</b>	<b>- UNIT 2 INSERVICE INSPECTION</b>	2
		IP 7111108P	Inservice Inspection Activities - PWR	
2	10/21/2013 10/25/2013	<b>SGISI</b>	<b>- UNIT 2 SG INSERVICE INSPECTION</b>	1
		IP 7111108P	Inservice Inspection Activities - PWR	
1, 2, 3	10/21/2013 10/25/2013	<b>RP</b>	<b>- RP OCCUPATIONAL BASELINE WEEK</b>	3
		IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2, 3	10/21/2013 10/25/2013	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2, 3	10/21/2013 10/25/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2, 3	10/21/2013 10/25/2013	IP 71124.04	Occupational Dose Assessment	
1, 2, 3	10/21/2013 10/25/2013	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2, 3	10/21/2013 10/25/2013	IP 71151	Performance Indicator Verification	
1, 2	10/21/2013 10/25/2013	<b>MODS</b>	<b>- PLANT MODIFICATIONS INSPECTION</b>	3
		IP 711117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
1, 2	11/04/2013 11/08/2013	IP 711117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
1, 2, 3	11/18/2013 11/22/2013	IP 711117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
1, 2, 3	12/02/2013 12/06/2013	IP 711117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
1, 2, 3	11/04/2013 11/08/2013	<b>RP</b>	<b>- RP-OCCUPATIONAL BASELINE WEEK2</b>	3
		IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2, 3	11/04/2013 11/08/2013	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2, 3	11/04/2013 11/08/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2, 3	11/04/2013 11/08/2013	IP 71124.04	Occupational Dose Assessment	
1, 2, 3	11/04/2013 11/08/2013	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2, 3	11/04/2013 11/08/2013	IP 71151	Performance Indicator Verification	
1	11/18/2013 11/22/2013	<b>OL EXAM</b>	<b>- INITIAL EXAM PREP WEEK</b>	3
		V23416	OCONEE/DECEMBER 2013 INITIAL EXAM AT POWER FACILITIES	

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

## Oconee

## Inspection / Activity Plan

09/01/2013 - 12/31/2014

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
1, 2, 3	12/09/2013 12/13/2013	<b>PB1-CGD - COMMERCIAL GRADE DEDICATION</b> IP 38703	Commercial Grade Dedication	5
1	12/09/2013 12/13/2013	<b>OL EXAM - INITIAL EXAM WEEK 1</b> V23416	OCONEE/DECEMBER 2013 INITIAL EXAM AT POWER FACILITIES	3
1, 2, 3	01/13/2014 01/17/2014	<b>CDBI</b> IP 7111121	<b>- COMPONENT DESIGN BASES INSPECTION</b> Component Design Bases Inspection	7
1, 2, 3	02/10/2014 02/14/2014	IP 7111121	Component Design Bases Inspection	
1, 2, 3	03/03/2014 03/07/2014	IP 7111121	Component Design Bases Inspection	
1, 2, 3	03/17/2014 03/21/2014	IP 7111121	Component Design Bases Inspection	
3	04/21/2014 04/25/2014	<b>ISI</b> IP 7111108P	<b>- UNIT 3 IN-SERVICE INSPECTION</b> Inservice Inspection Activities - PWR	1
3	04/21/2014 04/25/2014	<b>LR</b> IP 71003	<b>- UNIT 3 POST APPROVAL LR PHASE 1</b> Post-Approval Site Inspection for License Renewal	2
3	04/28/2014 05/02/2014	<b>SGISI</b> IP 7111108P	<b>- UNIT 3 SG IN-SERVICE INSPECTION</b> Inservice Inspection Activities - PWR	1
1, 2, 3	05/05/2014 05/09/2014	<b>RP</b> IP 71124.01	<b>- RAD HAZARD ASSESSMENT AND TRANSPORTATION</b> Radiological Hazard Assessment and Exposure Controls	2
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	<b>OL EXAM</b> V23424	<b>- INITIAL LICENSE EXAM PREP</b> OCONEE/JUNE 2014 INITIAL EXAM AT POWER FACILITIES	3
1	06/09/2014 06/13/2014	<b>OL EXAM</b> V23424	<b>- INITIAL LICENSE EXAM WEEK 1</b> OCONEE/JUNE 2014 INITIAL EXAM AT POWER FACILITIES	3
1, 2, 3	06/16/2014 06/20/2014	<b>RP</b> IP 71124.06	<b>- RP PUBLIC RADIATION SAFETY BASELINE</b> Radioactive Gaseous and Liquid Effluent Treatment	2
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, 3	08/18/2014 08/22/2014	<b>EP</b> IP 7111401	<b>- EP EXERCISE</b> Exercise Evaluation	1
1, 2, 3	08/18/2014 08/22/2014	IP 71151	Performance Indicator Verification	
1	11/03/2014 11/07/2014	<b>ISI</b> IP 7111108P	<b>- UNIT 1 IN-SERVICE INSPECTION</b> Inservice Inspection Activities - PWR	1

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Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
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1	11/10/2014 11/14/2014	SGISI - UNIT 1 SG IN-SERVICE INSPECTION IP 7111108P	Inservice Inspection Activities - PWR	1
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Comments:

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