



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

March 4, 2013

Mr. T. Preston Gillespie, Jr.
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 05000369/2012001 AND
05000370/2012001)**

Dear Mr. Gillespie:

On February 12, 2013, 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, 2012, through December 31, 2012. 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 for all three units 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 your facility.

The enclosed inspection plan lists the inspections scheduled through June 30, 2014. 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.

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T. Gillespie, Jr.

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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
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 Nuclear Station Inspection/
Activity Plan (03/01/2013 – 06/30/2014)

cc w/encl: (See page 3)

T. Gillespie, Jr.

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Oconee

Inspection / Activity Plan

03/01/2013 - 06/30/2014

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
1, 2, 3	03/04/2013 03/07/2013	OL RQ IP 7111111B	- REQUAL INSPECTION Licensed Operator Requalification Program	2
1, 2, 3	04/01/2013 04/05/2013	PI&R IP 711152B	- PROBLEM IDENTIFICATION AND RESOLUTION Problem Identification and Resolution	4
1, 2, 3	04/15/2013 04/19/2013	IP 711152B	Problem Identification and Resolution	
1	05/20/2013 05/24/2013	OL EXAM V23406	- INITIAL EXAM PREP OCONEE/JUNE 2013 EXAM AT POWER FACILITIES	3
1	06/10/2013 06/14/2013	OL EXAM V23406	- INITIAL EXAM - WEEK 1 OCONEE/JUNE 2013 EXAM AT POWER FACILITIES	3
1, 2, 3	07/22/2013 07/26/2013	TFPI IP 7111105x	- OCO - TRIENNIAL FIRE PROTECTION INSP Fire Protection - NFPA 805 (Triennial)	5
1, 2, 3	08/05/2013 08/09/2013	IP 7111105x	Fire Protection - NFPA 805 (Triennial)	
1, 2, 3	09/16/2013 09/20/2013	EP IP 7111402	- EMERGENCY PREPAREDNESS INSPECTION Alert and Notification System Testing	1
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 711151	Performance Indicator Verification	
1, 2, 3	10/07/2013 10/09/2013	TI-182 IP 2515/182	- TI-182 BURIED PIPING/TANK - PHASE 2 Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	1
2	10/21/2013 10/25/2013	ISI IP 7111108P	- UNIT 2 INSERVICE INSPECTION Inservice Inspection Activities - PWR	2
2	10/21/2013 10/25/2013	SGISI IP 7111108P	- UNIT 2 SG INSERVICE INSPECTION Inservice Inspection Activities - PWR	1
1, 2, 3	10/21/2013 10/25/2013	RP IP 71124.01	- RP OCCUPATIONAL BASELINE WEEK Radiological Hazard Assessment and Exposure Controls	3
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 711151	Performance Indicator Verification	
1, 2	10/21/2013 10/25/2013	MODS IP 7111117T	- PLANT MODIFICATIONS INSPECTION Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	3
1, 2	11/04/2013 11/08/2013	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
1, 2, 3	11/18/2013 11/22/2013	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	

This report does not include INFO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

Enclosure

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
1, 2, 3	12/02/2013	12/06/2013	MODS	- PLANT MODIFICATIONS INSPECTION	3
			IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
1, 2, 3	11/04/2013	11/08/2013	RP	- RP-OCCUPATIONAL BASELINE WEEK2	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	OL EXAM	- INITIAL EXAM PREP WEEK	3
			V23416	OCONEE/DECEMBER 2013 INITIAL EXAM AT POWER FACILITIES	
1	12/09/2013	12/13/2013	OL EXAM	- INITIAL EXAM WEEK 1	3
			V23416	OCONEE/DECEMBER 2013 INITIAL EXAM AT POWER FACILITIES	
1, 2, 3	01/06/2014	01/10/2014	CDBI	- COMPONENT DESIGN BASES INSPECTION	6
1, 2, 3	01/27/2014	01/31/2014	IP 7111121	Component Design Bases Inspection	
1, 2, 3	02/10/2014	02/14/2014	IP 7111121	Component Design Bases Inspection	
1, 2, 3	02/24/2014	02/28/2014	IP 7111121	Component Design Bases Inspection	
3	04/14/2014	04/18/2014	LR	- UNIT 3 POST APPROVAL LR PHASE 1	2
			IP 71003	Post-Approval Site Inspection for License Renewal	
3	04/21/2014	04/25/2014	ISI	- UNIT 3 IN-SERVICE INSPECTION	1
			IP 7111108P	Inservice Inspection Activities - PWR	
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
1, 2, 3	05/05/2014	05/09/2014	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	

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Inspection / Activity Plan

03/01/2013 - 06/30/2014

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
1, 2, 3	06/16/2014 06/20/2014	RP	- RP PUBLIC RADIATION SAFETY BASELINE	2
1, 2, 3	06/16/2014 06/20/2014	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	

Comments:

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