



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

March 4, 2013

Mr. Steven D. Capps
Site Vice President
Duke Energy Corporation
McGuire Nuclear Station
MG01VP/12700 Hagers Ferry Road
Huntersville, NC 28078

SUBJECT: ANNUAL ASSESSMENT LETTER FOR MCGUIRE NUCLEAR STATION UNITS
1 AND 2 (NRC INSPECTION REPORT 05000369/2012001 AND
05000370/2012001)

Dear Mr. Capps:

On February 12, 2013, the NRC completed its end-of-cycle performance review of the McGuire Nuclear Station Units 1 and 2. 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 McGuire Units 1 and 2 operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance for both 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 an Independent Spent Fuel Storage Installation Initial Campaign inspection; Temporary Instruction 182, Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping; and operator licensing examinations. 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.

S. Capps

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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.: 50-369, 50-370

License Nos.: NPF-9, NPF-17

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

cc w/encl: (See page 3)

S. Capps

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cc w/encl: (See page 3)

☒ PUBLICLY AVAILABLE

☐ NON-PUBLICLY AVAILABLE

☐ SENSITIVE

☒ NON-SENSITIVE

ADAMS: ☐ Yes

ACCESSION NUMBER: _____

☒ SUNSI REVIEW COMPLETE ☐ FORM 665 ATTACHED

OFFICE	RII:DRP	RII:DRP					
SIGNATURE	CWR /RA/	JHB /RA/					
NAME	CRapp	JBartley					
DATE	02/27/2013	02/27/2013					
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

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S. Capps

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Letter to Steven D. Capps from Jonathan H. Bartley dated March 4, 2013

SUBJECT: ANNUAL ASSESSMENT LETTER FOR MCGUIRE NUCLEAR STATION UNITS
1 AND 2 (NRC INSPECTION REPORT 05000369/2012001 AND
05000370/2012001)

Distribution w/encl:

C. Evans, RII

L. Douglas, RII

OE Mail

RIDSNRRDIRS

PUBLIC

RidsNrrPMMcGuire Resource

ROP Assessment

Institute of Nuclear Power Operations (INPO)

McGuire

Inspection / Activity Plan

03/01/2013 - 06/30/2014

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		RP - RAD HAZARDS ANALYSIS AND TRANSPORTATION		2
1, 2	03/18/2013 03/22/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	03/18/2013 03/22/2013	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1, 2	03/18/2013 03/22/2013	IP 71151	Performance Indicator Verification	
		ISI - UNIT 1 INSERVICE INSPECTION		2
1	03/25/2013 03/29/2013	IP 7111108P	Inservice Inspection Activities - PWR	
		SGISI - UNIT 1 SG INSERVICE INSPECTION		1
1	04/01/2013 04/05/2013	IP 7111108P	Inservice Inspection Activities - PWR	
		ISFSI - ISFSI MAGNASTOR INITIAL CAMPAIGN		2
1, 2	06/10/2013 06/14/2013	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
		EP - EMERGENCY PREPAREDNESS EXERCISE		1
1, 2	08/05/2013 08/09/2013	IP 7111401	Exercise Evaluation	
1, 2	08/05/2013 08/09/2013	IP 71151	Performance Indicator Verification	
		RP - RP PUBLIC RAD SAFETY BASELINE		2
1, 2	07/08/2013 07/12/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	07/08/2013 07/12/2013	IP 71124.07	Radiological Environmental Monitoring Program	
1, 2	07/08/2013 07/12/2013	IP 71151	Performance Indicator Verification	
		TI-182 - TI-182 BURIED PIPING/TANK - PHASE 2		1
1, 2	07/15/2013 07/17/2013	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
		MODS - PLANT MODIFICATIONS INSPECTION		3
1, 2	10/14/2013 10/18/2013	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
1, 2	10/28/2013 11/01/2013	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
		OL EXAM - INITIAL EXAM PREP		2
1	11/04/2013 11/08/2013	V23402	MCGUIRE/DECEMBER 2013 INITIAL EXAM AT POWER FACILITIES	
		OL EXAM - INITIAL EXAM WEEK 1		2
1	12/02/2013 12/06/2013	V23402	MCGUIRE/DECEMBER 2013 INITIAL EXAM AT POWER FACILITIES	
		OL EXAM - INITIAL EXAM WEEK 2		2
1	12/09/2013 12/13/2013	V23402	MCGUIRE/DECEMBER 2013 INITIAL EXAM AT POWER FACILITIES	
		ISI - UNIT 2 IN-SERVICE INSPECTION		1
2	03/31/2014 04/04/2014	IP 7111108P	Inservice Inspection Activities - PWR	
		SGISI - UNIT 2 SG IN-SERVICE INSPECTION		1
2	04/07/2014 04/11/2014	IP 7111108P	Inservice Inspection Activities - PWR	

This report does not include INPO and OUTAGE activities.

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

Enclosure

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
1, 2	06/09/2014	06/13/2014	PI&R - PROBLEM IDENTIFICATION AND RESOLUTION IP 71152B Problem Identification and Resolution		4
1, 2	06/23/2014	06/27/2014			
1, 2	06/23/2014	06/27/2014			
1, 2	06/23/2014	06/27/2014	OL EXAM - REQUAL INSP IP 71111111B Licensed Operator Requalification Program		1

Comments: