



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

September 4, 2012

Mr. Tom E. Tynan
Vice President
Southern Nuclear Operating Company, Inc.
Vogtle Electric Generating Plant
7821 River Road
Waynesboro, GA 30830

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN – VOGTLE
ELECTRIC GENERATING PLANT (NRC INSPECTION REPORT 05000424,
425/2012006)

Dear Mr. Tynan:

On August 14, 2012, the NRC completed its mid-cycle performance review of Vogtle Electric Generating Plant. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from July 1, 2011, through June 30, 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. This assessment reflects the integration of the Security Cornerstone into the IMC 0305, "Reactor Oversight Process." ROP performance assessment program governed by IMC 0305, "Operating Reactor Assessment Program."

The NRC determined the performance at Vogtle Unit 1 and Unit 2 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 December 31, 2013. Routine inspections performed by resident inspectors are not included in the inspection plan. In addition to the baseline inspections, consistent with the Agency's actions related to Fukushima, the NRC will perform TI-187, "Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns" and TI-188 "Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns." The NRC also plans to conduct Initial Operator License Examinations, and TI-182 "Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping and Tanks." 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.

ML12248A048

T. Tynan

2

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

Sincerely,

/RA/

Frank Ehrhardt, Chief
Projects Branch 2
Division of Reactor Projects

Docket Nos.: 50-424, 50-425
License Nos.: NPF-68, NPF-81

Enclosure: Vogtle Inspection/Activity Plan (09/01/2012 – 12/31/2013)

cc w/encl: (See page 3)

T. Tynan

3

cc w/encl:

C. Russ Dedrickson
Fleet Support Supervisor
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

S. Kuczynski
Chairman, President and CEO
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

Todd L. Youngblood
Vice President
Fleet Oversight
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

W. L. Bargeron
Plant Manager
Vogtle Electric Generating Plant
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

D. G. Bost
Chief Nuclear Officer
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

N. J. Stringfellow
Licensing Manager
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

Paula Marino
Vice President
Engineering
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

T. A. Lynch
Vice President
Joseph M. Farley Nuclear Plant
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

L. P. Hill
Licensing Supervisor
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

Dennis R. Madison
Vice President
Edwin I. Hatch Nuclear Plant
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

Leigh Perry
SVP & General Counsel-Ops & SNC
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

T. E. Tynan
Site Vice President
Vogtle Electric Generating Plant
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

M. J. Ajluni
Nuclear Licensing Director
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

B. D. McKinney, Jr.
Regulatory Response Manager
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

D. W. Daughhetee
Licensing Engineer
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

L. Mike Stinson
Vice President
Fleet Operations Support
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

T. D. Honeycutt
Regulatory Response Supervisor
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

L. L. Crumpton
Administrative Assistant, Sr.
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

(cc w/encl continued next page)

T. Tynan

4

(cc w/encl continued)

Hickox, T. Mark
Vogtle Electric Generating Plant
Electronic Mail Distribution

Mark Rauckhorst
Site Vice President
Vogtle Units 3 and 4
Southern Nuclear Operating Company
Electronic Mail Distribution

S. C. Swanson
Site Support Manager
Vogtle Electric Generating Plant
Electronic Mail Distribution

Arthur H. Domby, Esq.
Troutman Sanders
Electronic Mail Distribution

Sandra Threatt, Manager
Nuclear Response and Emergency
Environmental Surveillance
Bureau of Land and Waste Management
Department of Health and Environmental
Control
Electronic Mail Distribution

Division of Radiological Health
TN Dept. of Environment & Conservation
401 Church Street
Nashville, TN 37243-1532

Richard Haynes
Director, Division of Waste Management
Bureau of Land and Waste Management
S.C. Department of Health and
Environmental Control
2600 Bull Street
Columbia, SC 29201

Lee Foley
Manager of Contracts Generation
Oglethorpe Power Corporation
Electronic Mail Distribution

Mark Williams
Commissioner
Georgia Department of Natural Resources
Electronic Mail Distribution

Chuck Mueller
Manager
Policy and Radiation Program
Georgia Department of Natural Resources
Electronic Mail Distribution

Cynthia A. Sanders
Radioactive Materials Program Manager
Environmental Protection Division
Georgia Department of Natural Resources
Electronic Mail Distribution

James C. Hardeman
Environmental Radiation Program Manager
Environmental Protection Division
Georgia Department of Natural Resources
Electronic Mail Distribution

Mr. Steven M. Jackson
Senior Engineer - Power Supply
Municipal Electric Authority of Georgia
Electronic Mail Distribution

Reece McAlister
Executive Secretary
Georgia Public Service Commission
Electronic Mail Distribution

Office of the Attorney General
40 Capitol Square, SW
Atlanta, GA 30334

Office of the County Commissioner
Burke County Commission
Electronic Mail Distribution

Director
Consumers' Utility Counsel Division
Governor's Office of Consumer Affairs
2 M. L. King, Jr. Drive
Plaza Level East; Suite 356
Atlanta, GA 30334-4600

(cc w/encl continued next page)

T. Tynan

5

(cc w/encl continued)

Amy Whaley
Resident Manager
Electronic Mail Distribution

Arthur H. Domby, Esq.
Troutman Sanders
Electronic Mail Distribution

Director
Consumers' Utility Counsel Division
Governor's Office of Consumer Affairs
2 M. L. King, Jr. Drive
Plaza Level East; Suite 356
Atlanta, GA 30334-4600

Richard Haynes
Director, Division of Waste Management
Bureau of Land and Waste Management
S.C. Department of Health and
Environmental Control
Electronic Mail Distribution

Amy Whaley
Engineer
Nuclear Generation Development and
Construction
Electronic Mail Distribution

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
1, 2	09/17/2012 09/21/2012	PSB1-RP - OCCUPATIONAL RP BASELINE WK1		3
		IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	09/17/2012 09/21/2012	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	09/17/2012 09/21/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	09/17/2012 09/21/2012	IP 71124.04	Occupational Dose Assessment	
1, 2	09/17/2012 09/21/2012	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	09/17/2012 09/21/2012	IP 71151	Performance Indicator Verification	
1	09/24/2012 09/28/2012	EB3 ISI - UNIT 1 INSERVICE INSPECTION AND RVH EXAM		2
		IP 7111108P	Inservice Inspection Activities - PWR	
1	10/01/2012 10/05/2012	EB3SGISI - UNIT 1 SG INSERVICE INSPECTION		1
		IP 7111108P	Inservice Inspection Activities - PWR	
1, 2	10/01/2012 10/05/2012	PSB1-RP - OCCUPATIONAL RP BASELINE WK2		2
		IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	10/01/2012 10/05/2012	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	10/01/2012 10/05/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	10/01/2012 10/05/2012	IP 71124.04	Occupational Dose Assessment	
1, 2	10/01/2012 10/05/2012	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	10/01/2012 10/05/2012	IP 71151	Performance Indicator Verification	
1, 2	10/29/2012 11/02/2012	ISFSI - ISFSI PAD CONSTRUCTION		2
		IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
1, 2	01/21/2013 01/25/2013	TI-182 - TI-182 BURIED PIPING/TANK - PHASE 1		1
		IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
1, 2	01/21/2013 01/25/2013	PI&R - PROBLEM IDENTIFICATION AND RESOLUTION		5
		IP 71152B	Problem Identification and Resolution	
1, 2	02/04/2013 02/08/2013	IP 71152B	Problem Identification and Resolution	
1, 2	03/11/2013 03/15/2013	PSB1-RP - RAD HAZARDS ANALYSIS AND TRANSPORTATION		2
		IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	03/11/2013 03/15/2013	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1, 2	03/11/2013 03/15/2013	IP 71151	Performance Indicator Verification	
2	03/18/2013 03/22/2013	ISI - UNIT 2 INSERVICE INSPECTION AND RVH EXAM		2
		IP 7111108P	Inservice Inspection Activities - PWR	
1	03/25/2013 03/29/2013	OL EXAM - INITIAL EXAM PREP		3
		V23404	VOGTLE/MARCH 2013 EXAM AT POWER FACILITIES	

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
2	03/25/2013 03/29/2013	SGISI IP 7111108P	- UNIT 2 SG INSERVICE INSPECTION Inservice Inspection Activities - PWR	1
1,2	04/01/2013 04/05/2013	EP IP 71111402	- EMERGENCY PREPAREDNESS INSPECTION Alert and Notification System Testing	1
1,2	04/01/2013 04/05/2013	IP 71111403	Emergency Preparedness Organization Staffing and Augmentation System	
1,2	04/01/2013 04/05/2013	IP 71111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1,2	04/01/2013 04/05/2013	IP 711151	Performance Indicator Verification	
1	04/15/2013 04/19/2013	OL EXAM V23404	- INITIAL EXAM WEEK 1 VOGTLE/MARCH 2013 EXAM AT POWER FACILITIES	3
1	04/29/2013 05/03/2013	OL EXAM V23404	- INITIAL EXAM WEEK 2 VOGTLE/MARCH 2013 EXAM AT POWER FACILITIES	3
1,2	06/24/2013 06/28/2013	CDBI IP 7111121	- COMPONENT DESIGN BASES INSPECTION Component Design Bases Inspection	7
1,2	07/15/2013 07/19/2013	IP 7111121	Component Design Bases Inspection	
1,2	07/29/2013 08/02/2013	IP 7111121	Component Design Bases Inspection	
1,2	08/12/2013 08/16/2013	IP 7111121	Component Design Bases Inspection	
1,2	09/02/2013 09/06/2013	OL RQ IP 7111111B	- REQUAL INSPECTION Licensed Operator Requalification Program	2
1,2	12/09/2013 12/13/2013	PSB1-RP IP 71124.06	- RP PUBLIC RAD SAFETY BASELINE Radioactive Gaseous and Liquid Effluent Treatment	2
1,2	12/09/2013 12/13/2013	IP 71124.07	Radiological Environmental Monitoring Program	
1,2	12/09/2013 12/13/2013	IP 711151	Performance Indicator Verification	

Comments:

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