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

May 3, 2013

Southern Nuclear Operating Company, Inc.
ATTN: Mr. B.L. Ivey
Vice President, Regulatory Affairs
PO Box 1295
Birmingham, AL 35201

SUBJECT: PUBLIC MEETING SUMMARY– CATEGORY 1 – VOGTLE ELECTRIC GENERATING PLANT UNITS 3 and 4 ANNUAL ASSESSMENT

Dear Mr. Ivey:

On April 18, 2013, the Nuclear Regulatory Commission (NRC) staff met with representatives from Southern Nuclear Company and members of the public in Waynesboro, Georgia. The purpose of the meeting was to discuss the annual assessment of Vogtle Electric Generating Plant, Units 3 and 4 with the public for the period of January 1, 2012 – December 31, 2012.

A public meeting notice was issued on March 25, 2013, and was posted on the NRC's external (public) web page (ML13084A404). The notice included the meeting agenda, which was also available as a handout at the meeting. Attached is a list of attendees and the slides presented during the meeting.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosures will be made available electronically for public inspection in the NRC Public Document Room or from ADAMS. ADAMS is accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html (Public Electronic Reading Room).

Should you have any questions concerning this meeting, please contact me at (404) 997-4540.

Sincerely,

/RA/

Michael Ernstes, Chief
Construction Projects Branch 4
Division of Construction Projects

Docket Nos.: 05200025, 05200026
License Nos.: NPF-91, NPF-92

Enclosures: 1. List of Attendees
2. Construction Inspection Presentation Slides
cc w/encl: (See page 3)

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■ PUBLICLY AVAILABLE □ NON-PUBLICLY AVAILABLE □ SENSITIVE ■ NON-SENSITIVE

ADAMS: ■ Yes ACCESSION NUMBER: ML13123A205 ■ SUNSI REVIEW COMPLETE ■ FORM 665 ATTACHED

OFFICE	DCP						
SIGNATURE	JXK1						
NAME	J. Kent						
DATE	05/02/2013	5/ /2013	5/ /2013	5/ /2013	5/ /2013	5/ /2013	5/ /2013
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: G:\CCI\DCP\CPB4\PROJECT VOGTLE\PUBLIC MEETING\APRIL 2013\2013 VOG EOC SUMMARY (2).DOCX

cc w/encl:
Resident Manager
Oglethorpe Power Corporation
Alvin W. Vogtle Road
7821 River Road
Waynesboro, GA 30830

Rita Kilpatrick
250 Arizona Ave
Atlanta, GA 30307

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

Lucious Abram
Commissioner-
Burkes County Commissioner
P.O. Box 1626
Waynesboro, GA 30830

Anne F. Appleby
Oglethorpe Power Corporation
2100 East Exchange Place
Tucker, GA 30084

Ms. Michele Boyd
Legislative Director
Energy Program
Public Citizens Critical Mass Energy
And Environmental Program
215 Pennsylvania Avenue, SE
Washington, DC 20003

Lisa Higdon
Southern Nuclear Op. Co
Document Control Coordinator
42 Inverness Center Parkway
Attn: B236
Birmingham, AL 35201

Stephen E. Kuczynski
Chairman, President and CEO
Southern Nuclear
P.O. Box 1295
Birmingham, AL 35201

Mr. Reece McAlister
Executive Secretary
Georgia Public Service Commission
Atlanta, GA 30334

Mr. Joseph A. (Buzz) Miller
Executive Vice President
Southern Nuclear Operating Company
241 Ralph McGill Blvd
BIN 10240
Atlanta, GA 30308-3374

Resident Inspector
Vogtle Plant
8805 River Road
Waynesboro, GA 30830

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

County Commissioner
Office of the Commissioner
Burke County Commission
Waynesboro, GA 30830

Mr. James C. Hardeman
Environmental Radiation Program Manager
Environmental Protection Division
Georgia Dept. of Natural Resources
4220 International Pkwy, Suite 100
Atlanta, GA 30354-3906

Elaine Sikes
Burke County Library
130 Highway 24 South
Waynesboro, GA 30830

Mr. Jerry Smith
Commissioner
District 8
Augusta-Richmond County Commission
1332 Brown Road
Hephzibah, GA 30815

Gene Stilp
1550 Fishing Creek Valley Road
Harrisburg, PA 17112

Mr. Robert Sweeney
IBEX ESI
4641 Montgomery Avenue
Suite 350
Bethesda, MD 20814

George B. Taylor, Jr.
2100 East Exchange Pl.
Atlanta, GA 30084-5336

Email distribution

agaughtm@southernco.com (Amy Aughtman)
agbaker@southernco.com (Ann Baker)
awc@nei.org (Anne W. Cottingham)
bhwhitle@southernco.com (Brian Whitley)
Bill.Jacobs@gdsassociates.com (Bill Jacobs)
blivey@southernco.com (Pete Ivey)
bob.masse@opc.com (Resident Manager)
bwwaites@southernco.com (Brandon Waites)
chmahan@southernco.com (Howard Mahan)
crpierce@southernco.com (C.R. Pierce)
csguinn@southernco.com (Candance Guinn)
cwaltman@roe.com (C. Waltman)
dahjones@southernco.com (David Jones)
danawill@southernco.com (Dana Williams)
david.hinds@ge.com (David Hinds)
david.lewis@pillsburylaw.com (David Lewis)
david.siefken@hq.doe.gov (David Siefken)
delongra@westinghouse.com (Rich DeLong)
dgbost@southernco.com (Danny Bost)
dlfulton@southernco.com (Dale Fulton)
drculver@southernco.com (Randy Culver)
ed.burns@earthlink.net (Ed Burns)
edavis@pegasusgroup.us (Ed David)
erg-xl@cox.net (Eddie R. Grant)
G2NDRMDC@southernco.com (SNC Document Control)
james1.beard@ge.com (James Beard)
jamiller@southernco.com (Buzz Miller)
jbtomase@southernco.com (Janice Tomasello)
jenmorri@southernco.com (Jennifer Buettner)
jhall@southernco.com (Jennifer Hall)
jim@ncwarn.org (Jim Warren)
jmgidden@southernco.com (John Giddens)
Joseph_Hegner@dom.com (Joseph Hegner)
jranalli@meagpower.org (Jerry Ranalli)
jrjohnso@southernco.com (Randy Johnson)
jtdavis@southernco.com (Jim Davis)
jtgasser@southernco.com (Jeff Gasser)
karen.patterson@ttnus.com (Karen Patterson)
karlg@att.net (Karl Gross)
kim.haynes@opc.com (Kim Haynes)
kmseiber@southernco.com (Kristin Seibert)
KSutton@morganlewis.com (Kathryn M. Sutton)
kwaugh@impact-net.org (Kenneth O. Waugh)
lchandler@morganlewis.com (Lawrence J. Chandler)
ldperry@southernco.com (Leigh D. Perry
maria.webb@pillsburylaw.com (Maria Webb)
mark.beaumont@wsms.com (Mark Beaumont)
markus.popa@hq.doe.gov (Markus Popa)

matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)
mcintyba@westinghouse.com (Brian McIntyre)
mdrauckh@southernco.com (Mark Rauckhorst)
media@nei.org (Scott Peterson)
mike.price@opc.com (M.W. Price)
MSF@nei.org (Marvin Fertel)
nirsnet@nirs.org (Michael Mariotte)
nlhender@southernco.com (Nancy Henderson)
Nuclaw@mindspring.com (Robert Temple)
patriciaL.campbell@ge.com (Patricia L. Campbell)
Paul@beyondnuclear.org (Paul Gunter)
pbessette@morganlewis.com (Paul Bessette)
randall@nexusamllc.com (Randall Li)
rhenry@ap.org (Ray Henry)
RJB@NEI.org (Russell Bell)
russpa@westinghouse.com (Paul Russ)
sabinski@suddenlink.net (Steve A. Bennett)
sblanton@balch.com (Stanford Blanton)
sfrantz@morganlewis.com (Stephen P. Frantz)
sjackson@meagpower.org (Steven Jackson)
skauffman@mpr.com (Storm Kauffman)
skuczyns@southernco.com (Steve Kuczynski)
sroetger@psc.state.ga.us (Steve Roetger)
stephan.moen@ge.com (Stephan Moen)
taterrel@southernco.com (Todd Terrell)
tlubnow@mpr.com (Tom Lubnow)
Tom.Bilik@nrc.gov (Thomas Bilik)
TomClements329@cs.com (Tom Clements)
Vanessa.quinn@dhs.gov (Vanessa Quinn)
Wanda.K.Marshall@dom.com (Wanda K. Marshall)
wasparkm@southernco.com (Wesley A. Sparkman)
whelmore@aol.com (Bill Elmore)

Letter to B. Ivey from Michael E. Ernstes dated May 3, 2013

SUBJECT: PUBLIC MEETING SUMMARY– CATEGORY 1 – VOGTLE ELECTRIC GENERATING PLANT UNITS 3 and 4 ANNUAL ASSESSMENT

Distribution w/encl:
Region II Regional Coordinator, OEDO (D. Huyck)
M. Brown, NRO
T. Kozak, NRO
L. Burkhart, NRO
R. Joshi, NRO
J. Munday, RII
M. Miller, RII
J. Yerokun, RII
M. Ernstes, RII
S. Freeman, RII
A. Masters, RII
G. Khouri, RII
T. Steadham, RII
J. Kent, RII
J. Fuller, RII
C. Abbott, RII
C. Huffman, RII
ConE_Resouce@nrc.gov
NRO_cROPRescource@nrc.gov
PUBLIC

Vogtle Electric Generating Plant Annual Assessment
Waynesboro, Georgia
April 18, 2013

Name	Company
Brian Green	Media Rep. Georgia Power
Gerald Couture	Westinghouse
Charles Piere	SNC Reg. Affairs Director
Kevin Walden	SNC
George Gunn	SNC
Mike Johnson	SNC
Judy Domanico	SNC
Howard Mahan	SNC
Mike Brown	NRC
K. Chung	NRC
Ryan Henderson	SNC
Pete Ivey	SNC
Glenn Saxon	SNC
Sarah Styslinger	SNC
Justin Fuller	NRC
Coleman Abbott	NRC
Brian Whitley	SNC
Randy Hughes	SNC
Ed Kozinsky	Public
Steve Waldrup	SNC
Tom Tinan	Vogtle

Name	Company
John Hall	Vogtle
Jason Christensen	NRC
Ellie Daniel	Southern Nuclear
Jeff Jay	Vogtle
Mike McCracken	Southern Nuclear
Jeff Gasser	Vogtle
Elizabeth Adams	Vogtle
Cam Parker	GPC Waynesboro
Todd Terrell	Georgia Power
David Carr	Public
CeeCee Anderson	Georgia WAND
Bobbie Paul	Georgia WAND
Annie Laura Howard Stephens	Georgia WAND
Jack Lafoon	CB & I
Larry Burkhart	NRC
Jeffy Ranalli	MEAG Power
Curt Castell	CB & I
Tom Kerr	SNC
Jim Blackmon	SNC
Renita Crawford	CB & I
Brad Harrison	SNC
Calvin Morrow	SNC
William Carnes	Westinghouse
DeLeah Lockridge	Westinghouse
Tim Chandler	NRC
Mike Cain	NRC
Anna McLendon	NRC

Vogtle Electric Generating Plant

Units 3 & 4

2012 Annual Assessment

April 18, 2013

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United States Nuclear Regulatory Commission
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Enclosure 2

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Purpose of Meeting

- Provide an Overview of the NRC Region II Inspection Organization Structure.
- Provide an Overview of the Construction Inspection Program for VEGP 3&4.
- Discuss the NRC's 2012 Annual Assessment of the Vogtle Electric Generating Plant (VEGP) Units 3 & 4 construction project.

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Construction Mission Statement

To provide assurance in the safety of future operations at new nuclear facilities by ensuring that licensees and applicants construct the facilities according to approved design criteria, using appropriate practices and quality materials.

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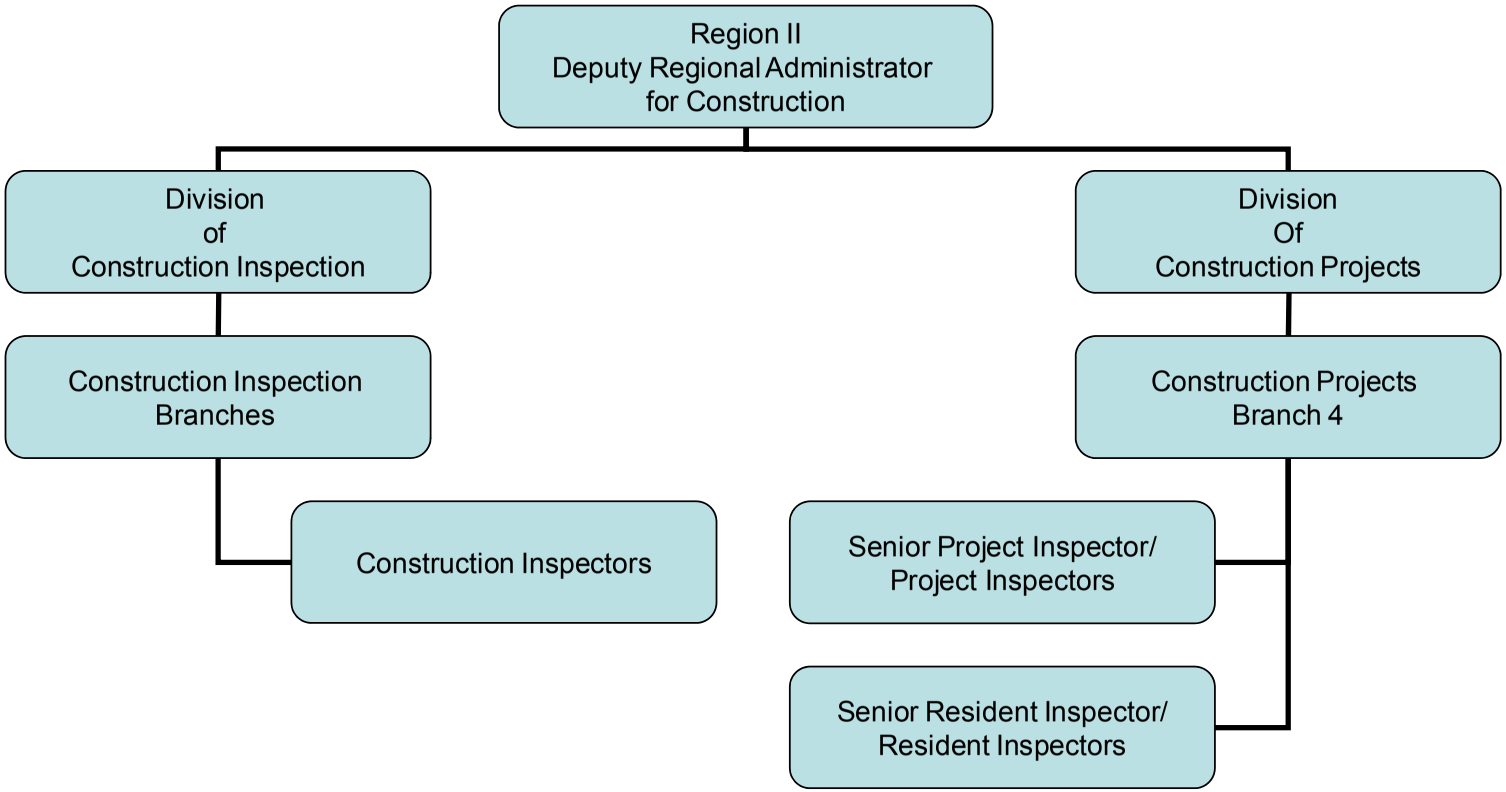
Construction Inspection Organization



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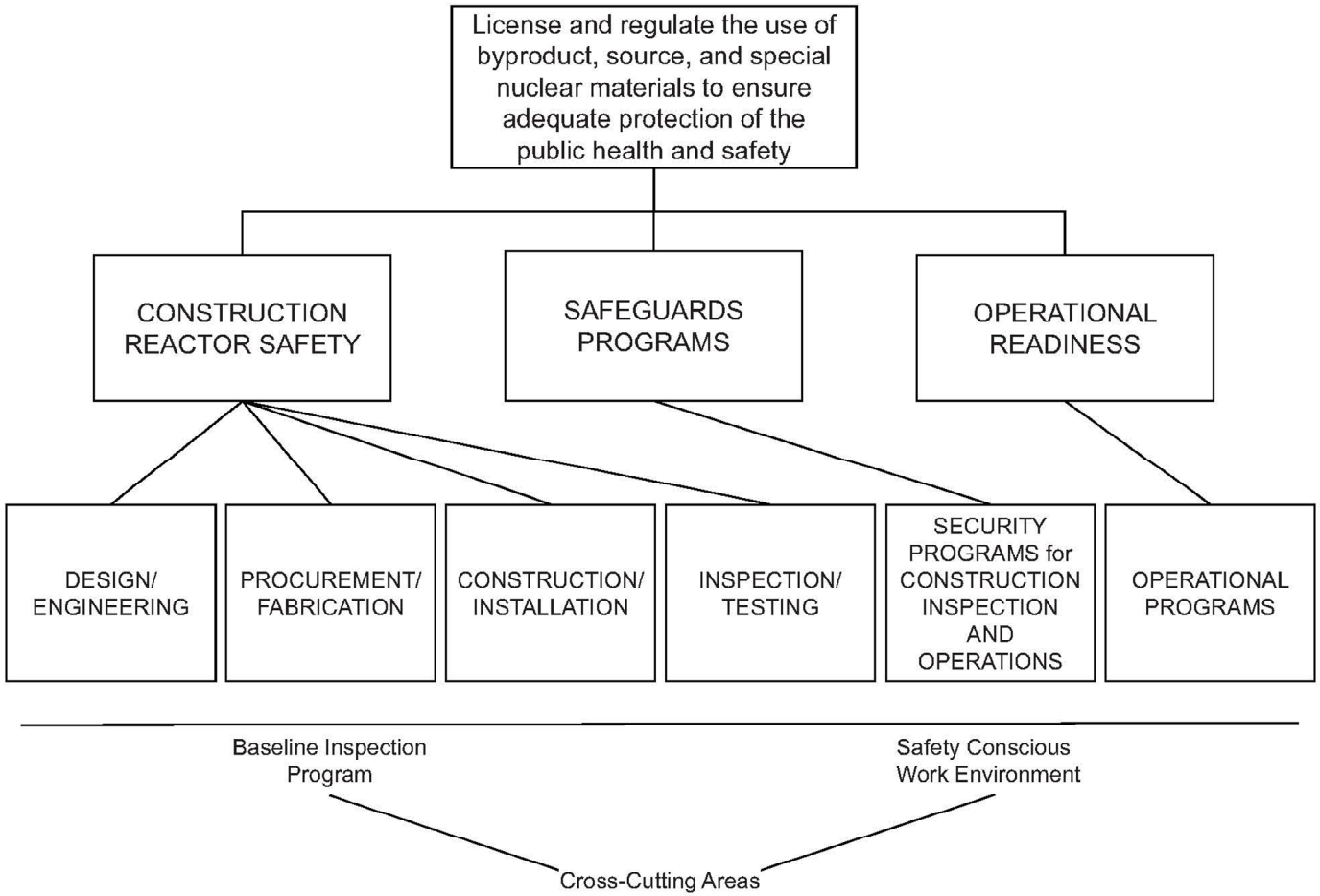
Construction Reactor Oversight Process (cROP)

cROP Regulatory Framework



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Inspection Program Structure

- Inspections, Tests, Analysis and Acceptance Criteria (ITAAC) Inspections
  - Verify that sampled design commitments associated with the license and their acceptance criteria are met prior to fuel load

- Construction Program Inspections
  - Verify that programs associated with construction and operation are effective and meet the regulations

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ITAAC Inspections (examples)

- Containment Vessel Welding
- Nuclear Island Rebar Installation
- Backfill

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Construction Program Inspections (examples)

- Quality Assurance
- Fitness for Duty
- Corrective Action Program

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Significance Determination Process

- Inspection findings are assigned a color representing significance
  - Green
  - White
  - Yellow
  - Red
- Color of finding is used as the input to the construction action matrix

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Construction Action Matrix

- Construction action matrix identifies the range of NRC and licensee actions and the appropriate level of communication for different levels of performance

Construction Action Matrix

		Licensee Response Column	Regulatory Response Column	Degraded Cornerstone Column	Multiple/ Repetitive Degraded Cornerstone Column	Unacceptable Performance Column
RESULTS		All Inspection Findings Green; Cornerstone Objectives Fully Met	One or Two White Findings (in different cornerstones) in a Strategic Performance Area; Cornerstone Objectives Fully Met	One Degraded Cornerstone (2 White Findings or 1 Yellow Finding) or any 3 White Findings in a Strategic Performance Area; Cornerstone Objectives Met with Moderate Degradation in Safety Performance	Repetitive Degraded Cornerstone, Multiple Degraded Cornerstones, Multiple Yellow Findings, or 1 Red Finding; Cornerstone Objectives Met with Longstanding Issues or Significant Degradation in Safety Performance	Overall Unacceptable Performance; Construction Suspended in the Area of Concern
RESPONSE	Regulatory Performance Meeting	None	BC or DD Meet with Licensee	RA/DRAC (or Designee) Meet with Senior Licensee Management.	EDO/DEDO (or Designee) meet with Senior Licensee Management	EDO/DEDO (or Designee) Meet with Senior Licensee Management
	Licensee Action	Licensee Corrective Action	Licensee Root cause Evaluation and corrective action with NRC Oversight	Licensee cumulative root cause evaluation with NRC Oversight	Licensee Performance Improvement Plan with NRC Oversight	Licensee Performance Improvement Plan / Construction Restart Plan with NRC Oversight
	NRC Inspection	Risk-Informed Baseline Inspection Program	Baseline and supplemental inspection procedure 90001	Baseline and supplemental inspection procedure 90002	Baseline and supplemental inspection procedure 90003	Baseline and Supplemental as Practicable, Plus Special Inspections per Construction Restart Checklist.
	Regulatory Actions[2]	None	Supplemental inspection only	Supplemental inspection only Plant Discussed at AARM if Conditions Met	-10 CFR 2.204 DFI -10 CFR 50.54(f) Letter - CAL/Order Plant Discussed at AARM	Order to Modify, Suspend, or Revoke Licensed Activities Plant Discussed at AARM
COMMUNICATION	Assessment Letters	BC or DD review/sign assessment report (w/ inspection plan)	DD review/sign assessment report (w/ inspection plan)	DRAC review/sign assessment report (w/ inspection plan)	RA review/sign assessment report (w/ inspection plan)	RA review/sign assessment report (w/ inspection plan)
	Annual Involvement of Public Stakeholders	Various public stakeholder options (see section 12) involving the SRI or BC	Various public stakeholder options (see section 12) involving the BC or DD	RA/DRAC (or Designee) Discuss Performance with Senior Licensee Management	EDO/DEDO (or Designee) Discuss Performance with Senior Licensee Management	EDO/DEDO (or Designee) Discuss Performance with Senior Licensee Management
	Commission Involvement	None	None	Possible Commission Meeting if Licensee Remains for one and one half years	Commission Meeting with Senior Licensee Management Within 6 mo.	Commission Meeting with Senior Licensee Management
	INCREASING SAFETY SIGNIFICANCE ---------->					

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Background

- March 2008; SNC Submits Application for VEGP 3&4
- August 2009; LWA Issued
- March 2010; Safety-Related Construction Activities Begin
- August 2010; Resident Onsite Office Established
- February 2012; COL Issued

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Scope of Inspections for this Assessment Period (2012)

- Security Inspections
- Baseline Inspections
- Quality Assurance Program Inspections
- Type Test/Vendor Inspections

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2012 Inspection Findings

- Design / Engineering
  - 3 Green Findings
  - 1 Severity Level IV Finding
- Construction / Installation
  - 2 Green Findings
- Procurement / Fabrication
  - 1 Green Finding

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Assessment Overview

- Overall assessment results:
  - SNC's program and procedures were adequate to support ongoing construction activities
  - SNC was constructing the facility at an acceptable level of quality
- Baseline Inspection Program

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Construction Action Matrix

		Baseline Program	Regulatory Response	Degraded Performance	Unacceptable Performance
RESULTS		Only SL IV violations License requirements fully met	One or two SLIII violations License requirements met with some challenges to licensee	Any combination of three SL III License requirements met with some significant challenges to licensee	One SL I violation, multiple SL II nd a total of four a total of seven Loss of confidence to construct within licensing requirements in areas of concern
RESPONSE	Regulatory Performance Meeting	None	Branch Chief or Div. Director meets with Licensee	DRAC or designee meets with senior licensee management	EDO or designee meet with senior licensee management
	Licensee Action	Licensee Corrective Action	Licensee root cause evaluation and corrective action with NRC Oversight	Licensee cumulative root cause evaluation with NRC oversight	Licensee Performance Improvement Plan and Independent inspection with NRC Oversight
	NRC Inspection	Baseline Inspection Program	Limited increase in NRC oversight of area(s) of concern. Construction supplemental inspection in accordance with IP 90001.	Expanded NRC oversight in area(s) of concern. ITAAC sample increased as appropriate. Construction supplemental inspection in accordance with IP 90002.	Reactive team inspection in area(s) of concern. Construction supplemental inspection in accordance with IP 90003.
	Regulatory Actions	None (Additional actions considered for plants exiting Degraded Performance column or Unacceptable Performance column)	Additional inspection only. (Additional actions considered for plants exiting Degraded Performance column or Unacceptable Performance column)	Additional inspection only. Evaluate continued use of NCVs. (Additional actions considered for plants exiting Unacceptable Performance column).	At minimum, issue CAL. Evaluate need for Demand for Information and/or Order. Discontinue use of NCVs
COMMUNICATION	Assessment Letters	Branch Chief or Div. Director reviews/signs assessment report (w/ inspection plan)	Div. Director reviews/signs assessment report w/ inspection plan)	DRAC or designee reviews/signs assessment report (w/ inspection plan)	RA or EDO reviews/signs assessment report (w/ inspection plan)
	Annual Public Meeting	Senior Resident Inspector or Branch Chief meets with Licensee	Branch Chief or Div. Director meets with Licensee	DRAC or designee discusses performance with Licensee	EDO or designee discusses performance with Licensee
	Commission Involvement	None	None	None	Commission Meeting with Senior Licensee Management
	INCREASING SAFETY/REGULATORY SIGNIFICANCE →				

Highlighted column indicates Vogtle Performance warrants Baseline Oversight.

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Corrective Action Program

- cROP relies on an effective corrective action program
- An effective corrective action program will allow the NRC to issue non-cited violations
- MC 2505P describes criteria for an effective program
- Vogtle program was determined to be effective during the annual assessment

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Corrective Action Program Assessment

- Program documents evaluated for compliance with 10 CFR 50 Appendix B.

- Implementation evaluated through
  - Resident inspector daily reviews
  - Regional inspector evaluations during inspections
  - Team corrective action program inspections

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2013 Inspections

- IMC 2503

  Majority of ITAAC Inspection, in 2013, will focus on:
  - Containment Vessel Fabrication
  - Nuclear Island Work
  - Structural and Mechanical Module Assembly
  - Miscellaneous ITAAC and Design Acceptance Criteria Activities
  - Type Tests
  - ITAAC Related Activities at Vendors

- IMC 2504
  - Reporting of Defects and Non-Compliance
  - Corrective Action Program Implementation
  - Commercial Grade Dedication Program Review
  - Construction QA Implementation