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

May 1, 2014

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 24, 2014, the Nuclear Regulatory Commission (NRC) staff met representatives from Southern Nuclear Operating 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, 2013 – December 31, 2013.

A public meeting notice was issued on March 5, 2014, and was posted on the NRC's external (public) web page (ML14065A051). 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 by Cynthia Taylor Acting For/

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/encls: (See page 2)

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■ PUBLICLY AVAILABLE □ NON-PUBLICLY AVAILABLE □ SENSITIVE ■NON-SENSITIVE
ADAMS: ■ Yes ACCESSION NUMBER: ML14122A200 ■ SUNSI REVIEW COMPLETE ■FORM 665 ATTACHED

OFFICE	RII : DCP	RII : DCP				
SIGNATURE	GJK3	JXK1				
NAME	G. Khouri	J. Kent				
DATE	05/01/2014	05/01/2014	5/ /2014	5/ /2014	5/ /2014	5/ /2014
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: G:\CCI\DCP\CPB4\MID AND END OF CYCLE\2014\2014 Vogtle EOC SUMMARY.DOCX

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Letter to B. Ivey from Michael E. Ernstes, dated May 1, 2014

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

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VOGTLE NUCLEAR PLANT ANNUAL ASSESSMENT MEETING
Waynesboro, Georgia
April 24, 2014

Name (Print)	Title and Organization
Frank Ehrhardt	NRC / Branch Chief
Joey Ledford	NRC OPA
Bob Masse	Oglethorpe Power Corp.
Jerry Rancalli	MEAG Power Corp.
Brian Green	Georgia Power
Mark Tanner	General Asset Manager - MEAG Consumer
Anne Kyzer	The True citizen newspaper
George Gunn	Licensing Supv / Reg Affairs / SNC
Michael Spradlin	SCDHEC
Sean Hayes	GA DNR
Tom Terrell	GA Power
Kenneth Mangels	Public
Tim McGill	GaPower
Glenn Saxon	Plant Manager / SNC
Gene G. South	ORS-SC.
Anthony James	ORS-SC
Mike McCracken	SNC - Comms
Anthony Munarik	USNRC
Steve Waldrup	SNC

(2)

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Waynesboro, Georgia
April 24, 2014

Name (Print)	Title and Organization
Robert Jackson	—
Steven J. Roetger	GAPSC
Katherine Leigey	GPSC
Coleman ABBOTT	NRC
Joel Munday	NRC
Patricia Marino	Georgia Green Party, Chair
Michael Yox	SNC Site Licensing Manager
Lee Lee Hudson	Ga WANS
Kelli Roberts	SNC Licensing Engineer
Annie Laura Stephens	WANS
Becky Rafter	GA WANS
Randy Johnson	SNC - OPS Readiness
Dan McKinac	SNC
Curt Castell	CB&I
TOM KERR	Public
George Khouri	NRC
DARRELL FUJIYOSHI	CB&I
LISA A. POWELL	PUBLIC
DeLeah Lockridge	WEC Site Ops Engr
MIKE ERNSTES	NRC

Vogtle Units 3 & 4

2013 Annual Assessment

April 24, 2014

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

Enclosure 2

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

Agenda

- Construction Activities
- Construction Inspection Program
- 2013 Annual Assessment
- Activities for 2014

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Protecting People and the Environment

Construction Mission Statement

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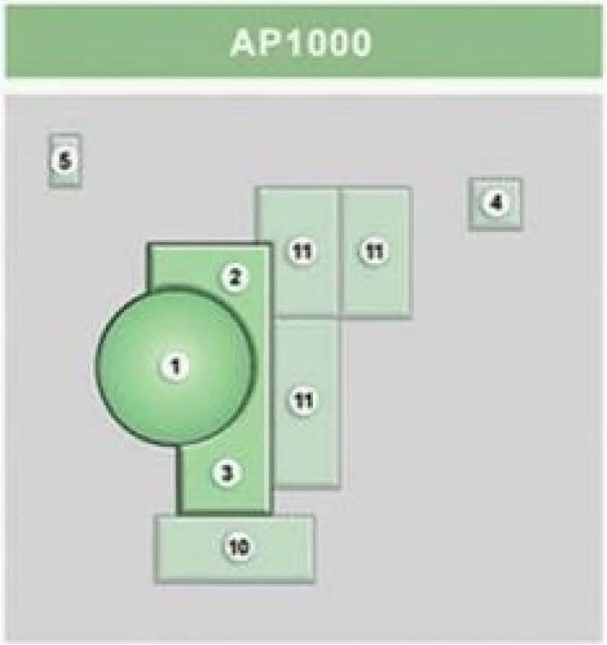
United States Nuclear Regulatory Commission
Protecting People and the Environment

AP1000 Overview



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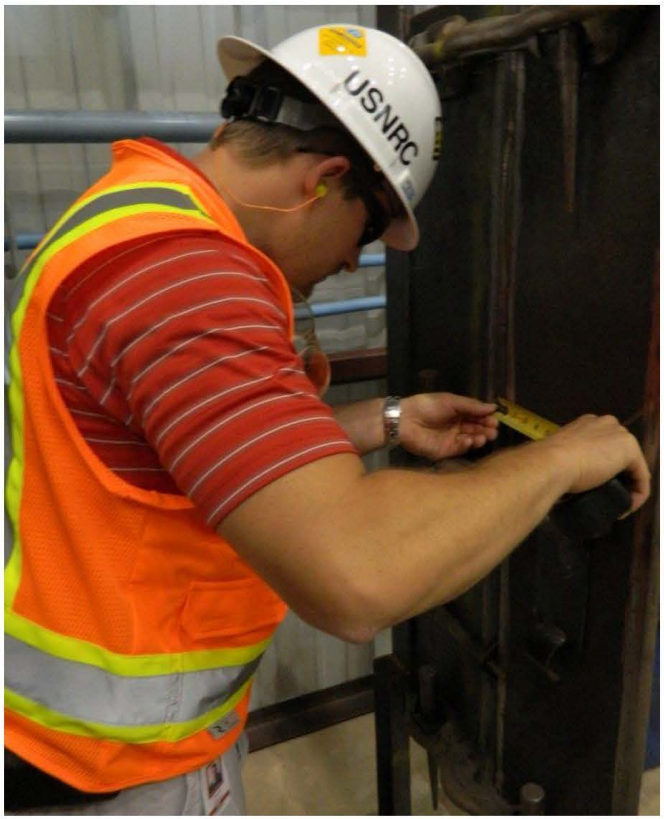
2013 Construction Activities



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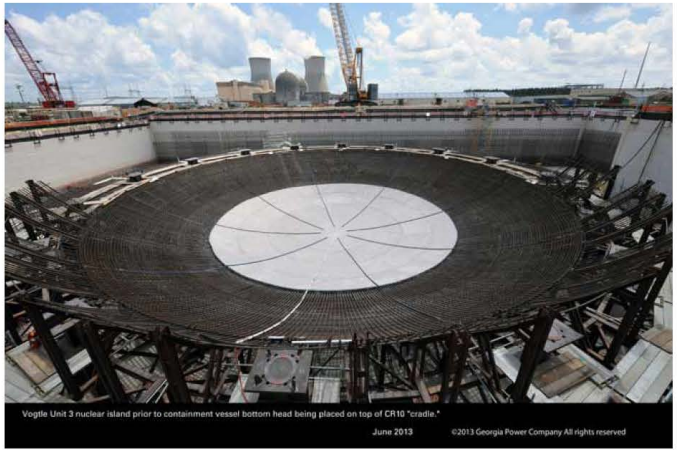
2013 Construction Activities



Containment Vessel Bottom Head

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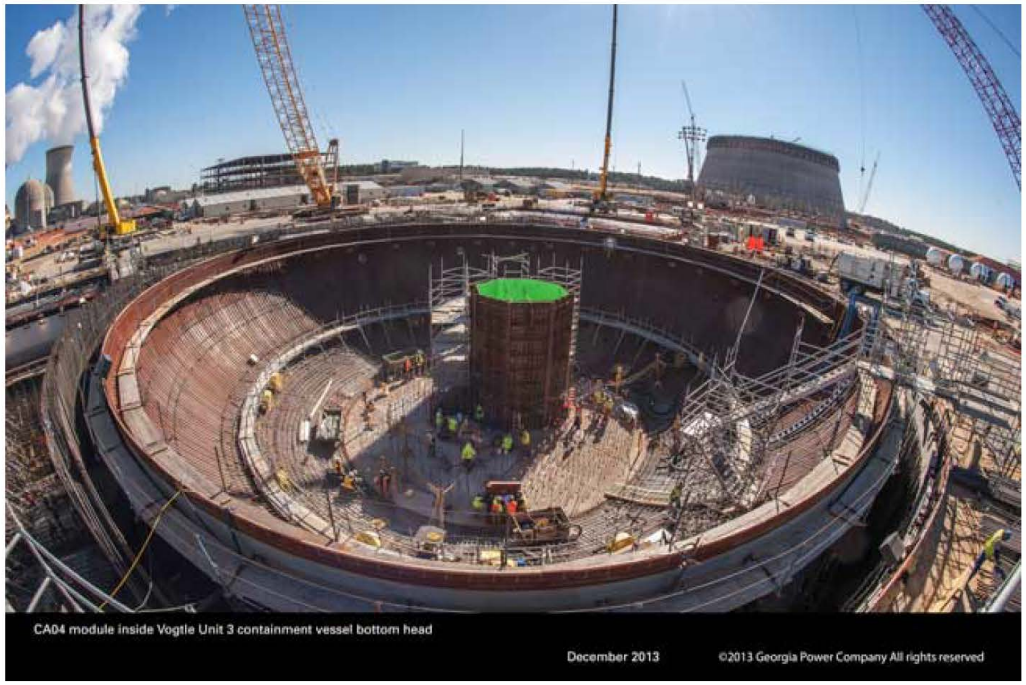
2013 Construction Activities



CA04 – Reactor Vessel Cavity Module

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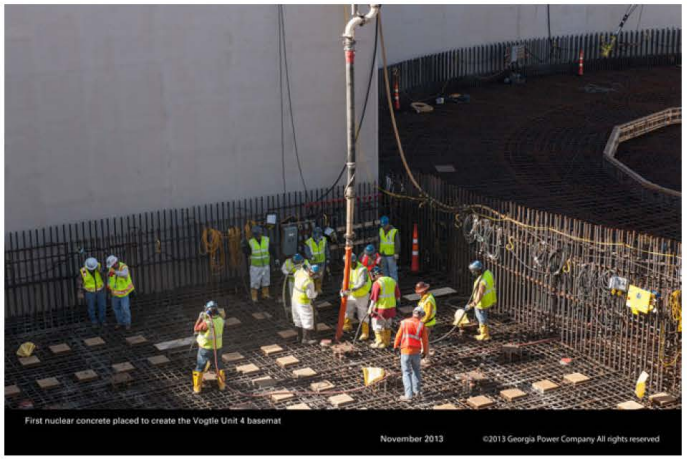
2013 Construction Activities



Unit 4 – Nuclear Island Basemat

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2013 Construction Activities

First concrete placement around CVBH

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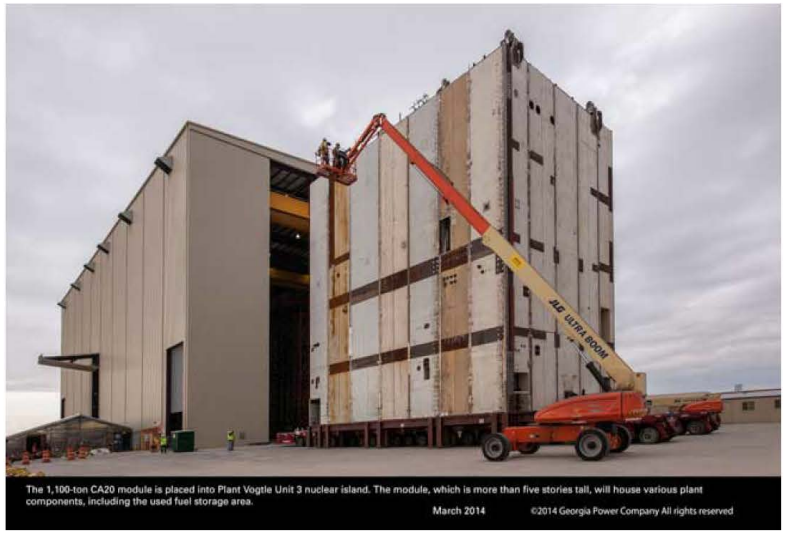
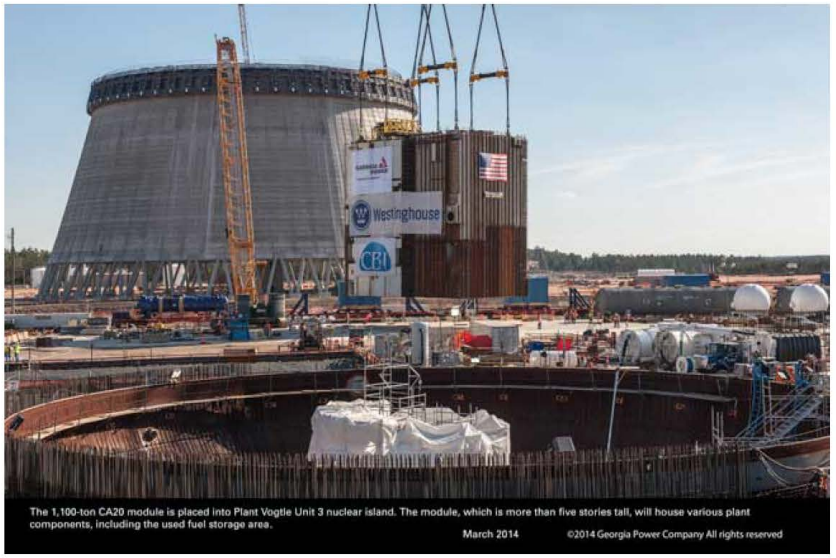
2013 Construction Activities



The 1,100-ton CA20 module is placed into Plant Vogtle Unit 3 nuclear island. The module, which is more than five stories tall, will house various plant components, including the used fuel storage area.
March 2014 ©2014 Georgia Power Company All rights reserved

CA20 Fabrication and Placement



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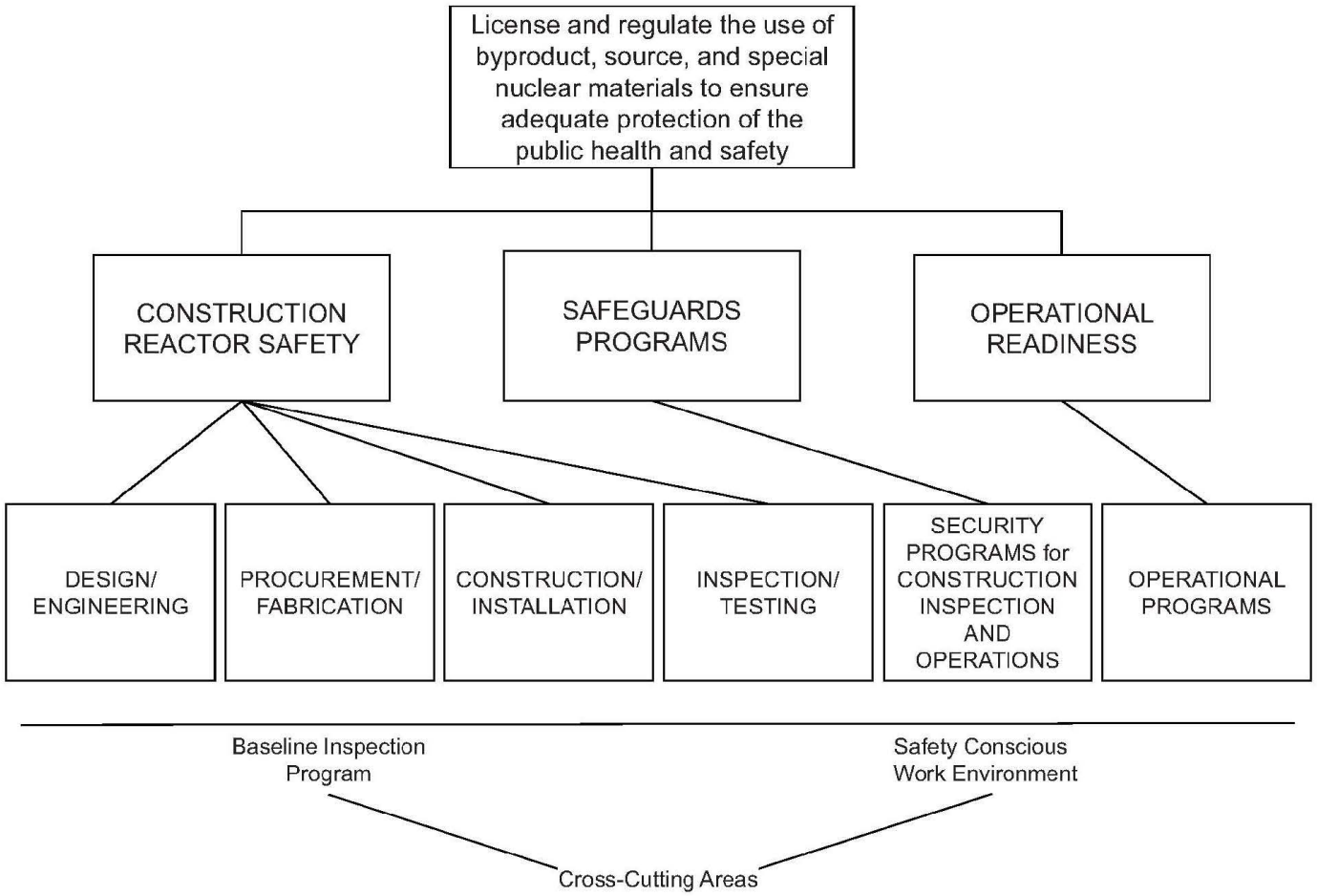
ITAAC

Programs

cROP Regulatory Framework



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2013 Inspection Findings

- Procurement / Fabrication
  - 1 finding of very low significance (Green)

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Assessment Overview

- Overall assessment results:
  - Vogtle 3 & 4 were being constructed in a manner that preserved public health and safety and met all cornerstone objectives.
  - Vogtle 3 & 4 was within the Licensee Response Column of the Construction Reactor Oversight Process Action Matrix.
- Baseline Inspection Program

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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2014 Inspections

- ITAAC Inspections

  Majority of ITAAC Inspection, in 2014, will focus on:
  - Containment Vessel Fabrication
  - Nuclear Island Work
  - Structural and Mechanical Module Fabrication
  - Reactor Coolant System components receipt inspection

- Program Inspections
  - Corrective Action Program Implementation
  - ITAAC Management
  - Construction QA Implementation
  - Fitness for Duty

QUESTIONS?
USNRC
USNRC