



U.S. NRC
UNITED STATES NUCLEAR REGULATORY COMMISSION
Protecting People and the Environment

Vogtle Readiness Group (VRG)

**Construction Inspection Program
Public Meeting
April 12, 2018**

Tim McGinty, Victor Hall, & Andrea Johnson

Introduction and Welcome
by
Tim McGinty, VRG Co-Chair

WHO and WHAT

- ▶ Goal is to Identify and Resolve Challenges in:
 - ▶ Licensing
 - ▶ Inspection
 - ▶ Regulatory Challenges or Gaps that could impact Vogtle's schedule

- ▶ VRG instituted consistent with:
 - ▶ Watts Bar Construction Lessons Learned (ML17356A269)
 - ▶ July 2017, ITAAC Closure and Verification Demonstration (Recommendation 10 - ML17135A415)

WHO and WHAT

- ▶ Co-chaired by two NRO Division Directors and one Region II Division Director
- ▶ Members include:
 - ▶ Office of New Reactors (NRO)
 - ▶ Region II
 - ▶ Office of Nuclear Reactor Regulation (NRR)
 - ▶ Office of Nuclear Security and Incident Response (NSIR)
 - ▶ Office of the General Counsel (OGC)

VRG CHARTER

- ▶ NRC issued the Charter for Instituting the Vogtle Readiness Group To Oversee the Vogtle Units 3 and 4 Transition to Operations
- ▶ Publicly Issued on March 12, 2018
- ▶ ADAMS Accession No. [ML18059A273](#)

Communications

- ▶ Will serve as the hub for communications with:
 - ▶ The Commission
 - ▶ The Executive Director for Operations and Offices
 - ▶ The Licensee
 - ▶ External Stakeholders

Vogtle Readiness Group

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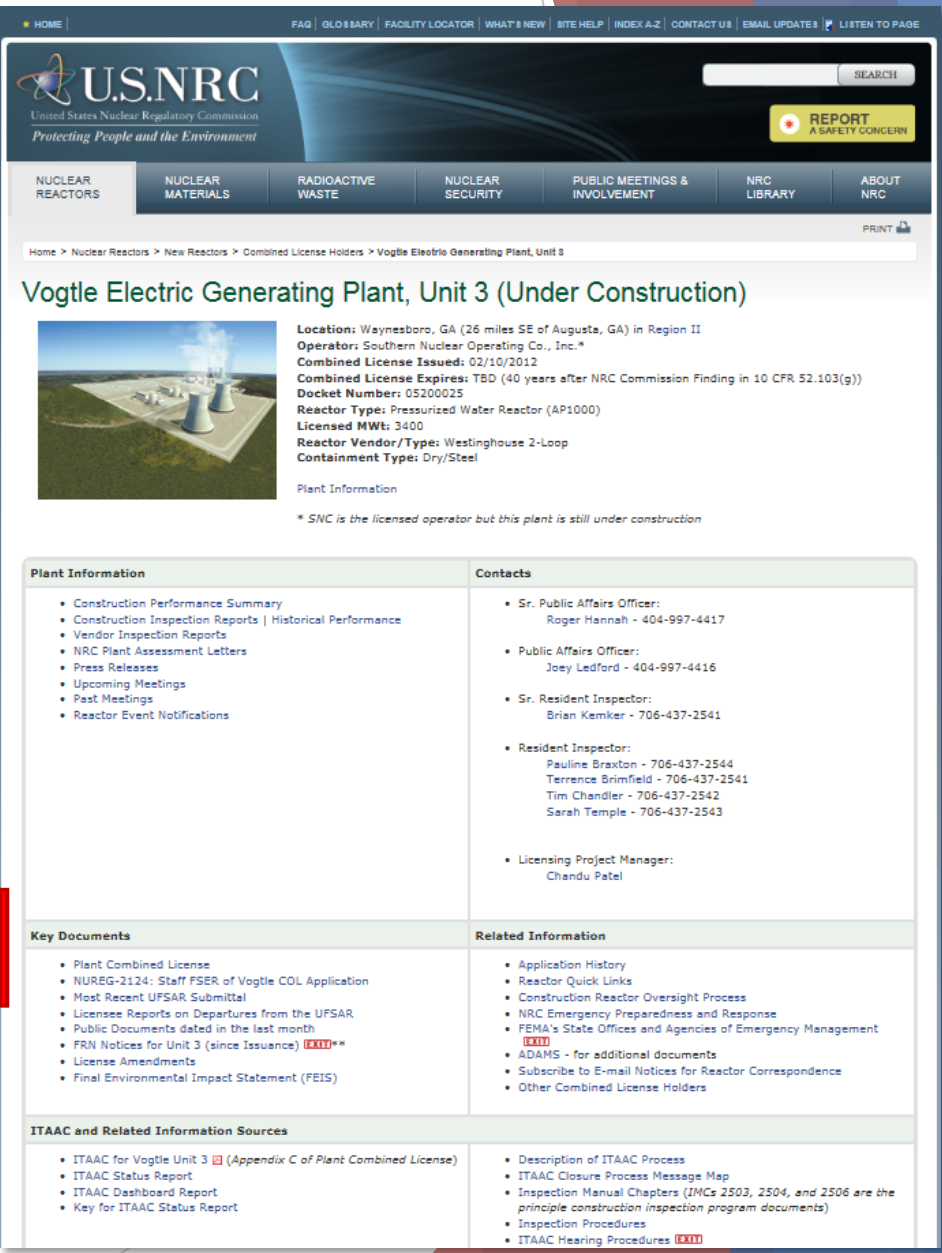
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Vogtle Readiness Group

The Vogtle Readiness Group (VRG) is consistent with the Watts Bar Unit 2 Lessons Learned and the Report recommendation number 10. The VRG members will include Office of New Reactors (NRO), Office of Nuclear Security and Incident Response, and the Office of General Counsel.

The VRG's responsibilities include project plan review, preoperational, hot functional and startup testing, and ensuring that identifies the critical activities and their organizational status and issues are effectively communicated and resolved.

The VRG will continue until the second Vogtle unit reaches commercial operation or at a time designated by the Region II Regional Administrator, at which time the VRG will make recommendations associated with



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Vogtle Electric Generating Plant, Unit 3 (Under Construction)



Location: Waynesboro, GA (26 miles SE of Augusta, GA) in Region II
Operator: Southern Nuclear Operating Co., Inc.*
Combined License Issued: 02/10/2012
Combined License Expires: TBD (40 years after NRC Commission Finding in 10 CFR 52.103(g))
Docket Number: 05200025
Reactor Type: Pressurized Water Reactor (AP1000)
Licensed MWT: 3400
Reactor Vendor/Type: Westinghouse 2-Loop
Containment Type: Dry/Steel

Plant Information

* SNC is the licensed operator but this plant is still under construction

Plant Information	Contacts
<ul style="list-style-type: none"> Construction Performance Summary Construction Inspection Reports Historical Performance Vendor Inspection Reports NRC Plant Assessment Letters Press Releases Upcoming Meetings Past Meetings Reactor Event Notifications 	<ul style="list-style-type: none"> Sr. Public Affairs Officer: Roger Hannah - 404-997-4417 Public Affairs Officer: Joey Ledford - 404-997-4416 Sr. Resident Inspector: Brian Kemker - 706-437-2541 Resident Inspector: Pauline Braxton - 706-437-2544 Terrence Brimfield - 706-437-2541 Tim Chandler - 706-437-2542 Sarah Temple - 706-437-2543 Licensing Project Manager: Chandu Patel
Key Documents	Related Information
<ul style="list-style-type: none"> Plant Combined License NUREG-2124: Staff FSER of Vogtle COL Application Most Recent UFSAR Submittal Licensee Reports on Departures from the UFSAR Public Documents dated in the last month FRN Notices for Unit 3 (since Issuance) (EX11)* License Amendments Final Environmental Impact Statement (FEIS) 	<ul style="list-style-type: none"> Application History Reactor Quick Links Construction Reactor Oversight Process NRC Emergency Preparedness and Response FEMA's State Offices and Agencies of Emergency Management (EX11) ADAMS - for additional documents Subscribe to E-mail Notices for Reactor Correspondence Other Combined License Holders
ITAAC and Related Information Sources	
<ul style="list-style-type: none"> ITAAC for Vogtle Unit 3 (Appendix C of Plant Combined License) ITAAC Status Report ITAAC Dashboard Report Key for ITAAC Status Report 	<ul style="list-style-type: none"> Description of ITAAC Process ITAAC Closure Process Message Map Inspection Manual Chapters (IMCs 2503, 2504, and 2506 are the principle construction inspection program documents) Inspection Procedures ITAAC Hearing Procedures (EX11)

Integrated Project Plan

- ▶ **WHAT IT IS:**
 - ▶ Tool to Identify and Track Key Activities Up To and After the 10 CFR 52.103(g) Finding

- ▶ **Examples of Milestones:**
 - ▶ Cybersecurity
 - ▶ Emergency Preparedness
 - ▶ Transition to Operations
 - ▶ ITAAC

- ▶ **Includes Key Interfaces Between NRC, Licensee and Other Stakeholders**

Integrated Project Plan

Title (what)	Due No later Than * All dates based upon calendar days	Milestone Tied to Activity/Row # (when)	Role (who)	Basis of activity (what is the purpose of the milestone and the rationale behind the date)
10CFR 52.103(g) Process				
All UINs submitted	225 days before SFL	Scheduled Fuel Load	NRO/DNRL	10 CFR 52.99(c)(3), a licensee must submit uncompleted ITAAC notifications (UINs) at least 225 days before scheduled fuel load (SFL) for ITAAC that have not yet been completed.
Licensee submits "All ITAAC Complete" Letter	x days before SFL	Scheduled Fuel Load	NRO/RII	The licensee must also notify the NRC when all ITAAC are complete as required by 10 CFR 52.99(c)(4).
Licensee's Scheduled Construction Activities				
Scheduled Fuel Load (SFL)		From licensee's schedule	ALL	Based upon licensee's schedule
First full participation EP exercise		From licensee's schedule	ALL	Based upon licensee's schedule
NRO-REG-105, "U.S. NRC Commission Staff Support of ITAAC Hearing Process"				
Transition to Operations Readiness				
Combined License (COL) Operational Programs and Other License Conditions Implementation Schedule				

Implementation Plan

- ▶ September 2014: Published the “Assessment of the Staff’s Readiness to Transition Regulatory Oversight and Licensing as New Reactors Proceed from Construction to Operation,” (ML14031A387)
- ▶ Identified 21 Readiness Issues with 29 Recommendations
- ▶ November 2017: Published the “Implementation Plan to Ensure NRC Staff Readiness for AP1000 Operations” (ML17215A436)

Implementation Plan (continued)

- ▶ Clarifies New Reactor Operational Regulatory Oversight and Licensing Responsibilities as the Units Transition from Construction to Operations.
- ▶ Incorporates Nuclear Energy Institute Comments on the Reactor Oversight Process
- ▶ Intended to be a Living Document. NRC will Revise to Addresses Issues:
 - ▶ NRO/NRR Merger, ITAAC Closure Processes Enhancements, First Plant Only Tests, and Other Key Issues Impacting Transition to Operations

QUESTIONS?