



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

April 16, 2014

MEMORANDUM TO: Michael F. King, Chief
Reactor Projects Branch 5
Division of Reactor Projects

FROM: Brad D. Bishop */RA/*
Project Engineer
Reactor Projects Branch 5

SUBJECT: PUBLIC MEETING SUMMARY– VIRGIL C. SUMMER, UNIT 1
DOCKET NO. 50-395

On March 27, 2014, the Nuclear Regulatory Commission (NRC) staff met with members of the public concerning the annual assessment of Virgil C. Summer Nuclear Station, Unit 1, in Blair, S.C. The purpose of the meeting/open house session was to provide opportunities to discuss the annual assessment of Virgil C. Summer Nuclear Station, Unit 1, with the public for the period of January 1, 2013 – December 31, 2013. Enclosed are a list of attendees, copies of the poster boards displayed at the meeting, and the meeting handout.

Docket No.: 50-395
License No.: NPF-12

Enclosures:

1. List of Attendees
2. Poster Boards
3. Meeting Handout

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☒ PUBLICLY AVAILABLE ☐ NON-PUBLICLY AVAILABLE ☐ SENSITIVE ☒ NON-SENSITIVE
ADAMS: ☒ Yes ACCESSION NUMBER: _____ ☒ SUNSI REVIEW COMPLETE ☐ FORM 665 ATTACHED

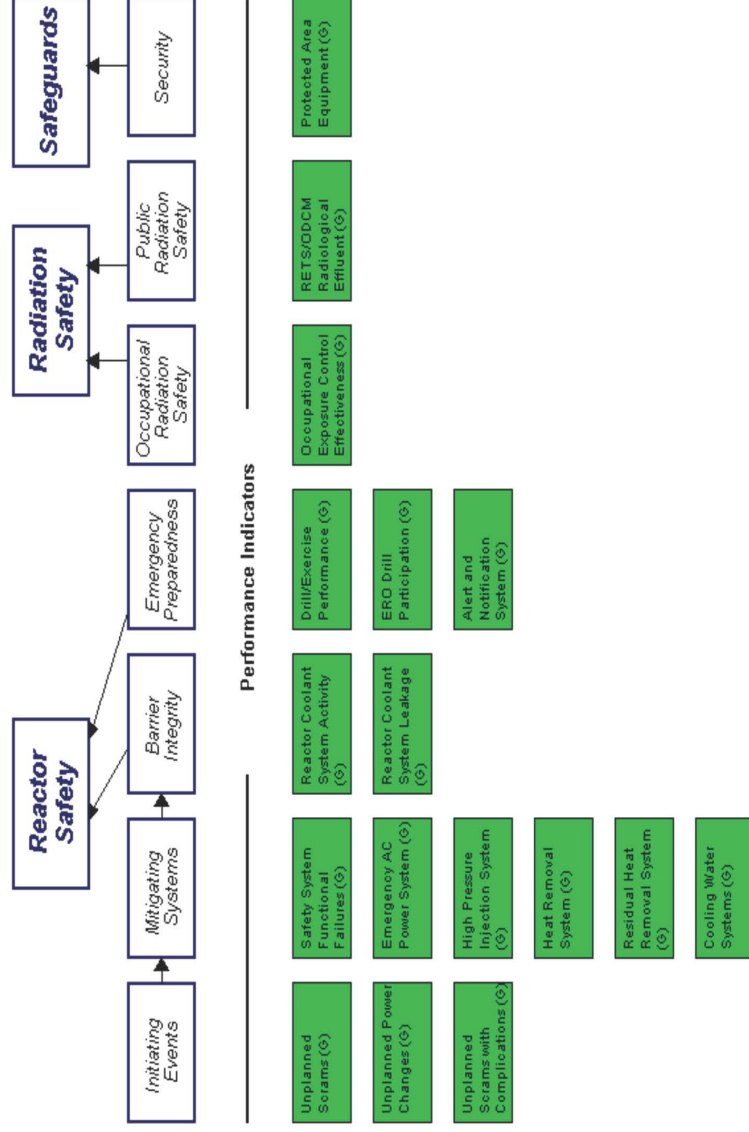
OFFICE	RII:DRP	RII:DRP	RII:DRP				
SIGNATURE	BDB /RA/	SON /RA/	MFK /RA/				
NAME	BBishop	SNinh	MKing				
DATE	04/17/2014	04/17/2014	04/16/2014				
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: G:\DRPI\RPB5\2013 END-OF-CYCLE\SUMMER\SUMMER U1 EOC 2013
PUBLIC MEETING MEMO.DOCX

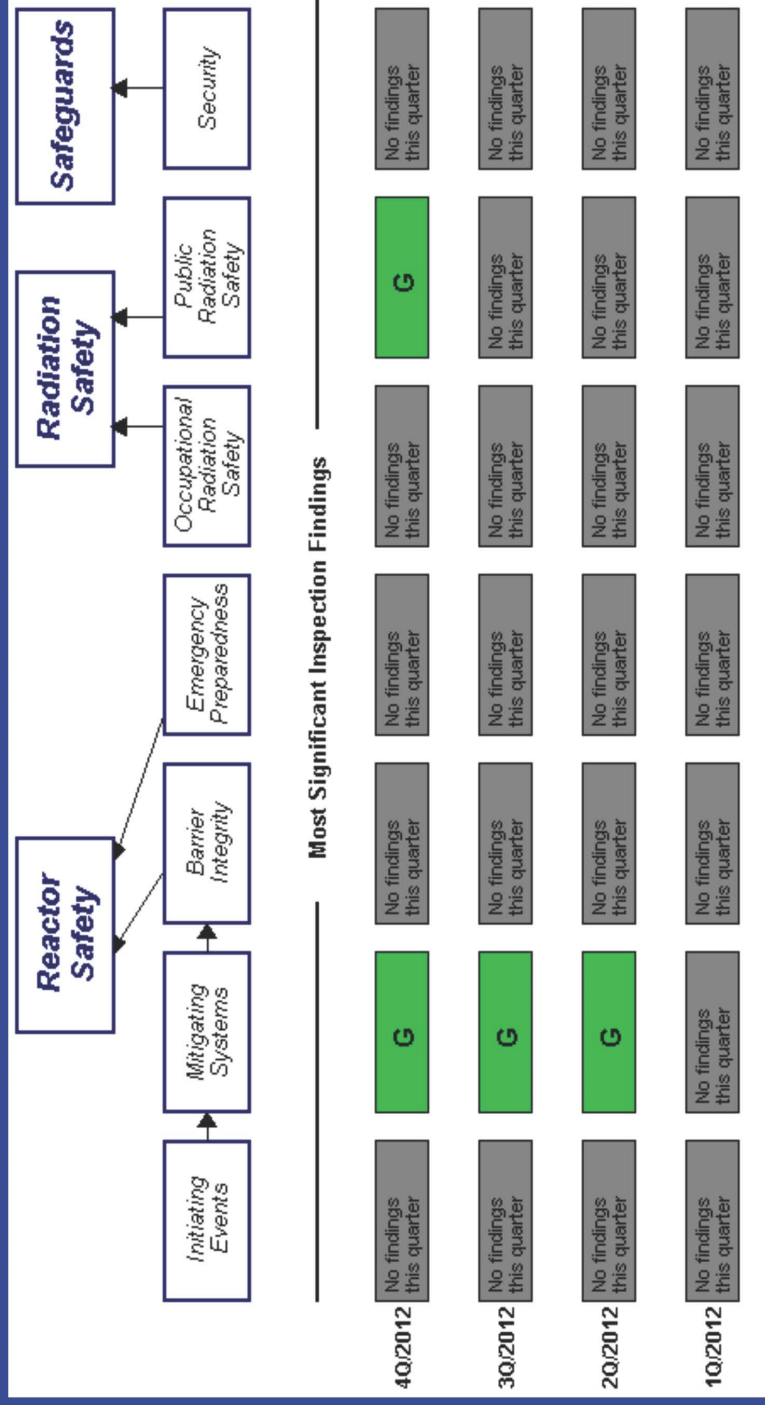
PUBLIC MEETING - March 27, 2014

Enclosure 1

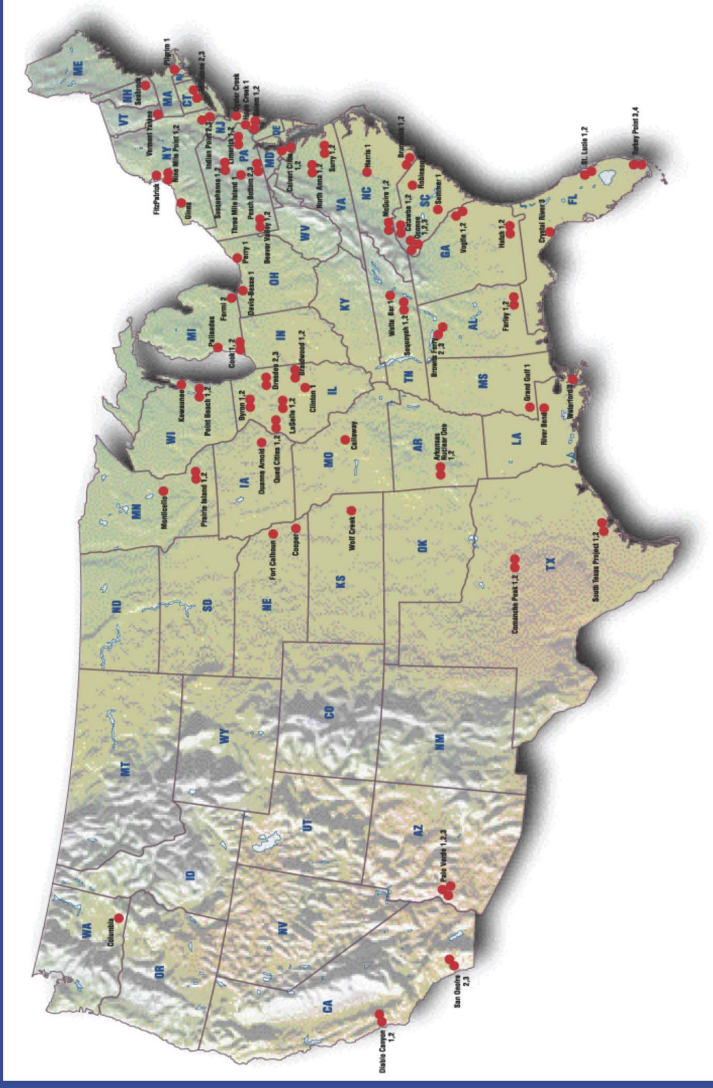
Summer



Summer



Site Locations



Virgil C. Summer Nuclear Station, Unit 1 Annual Assessment Meeting

2013 Reactor Oversight Process Nuclear Regulatory Commission Region 2



NRC Strategic Plan Goals



- Safety – Ensure adequate protection of public health and safety and the environment
- Security – Ensure adequate protection in the secure use and management of radioactive materials



NRC Annual Assessment Summary

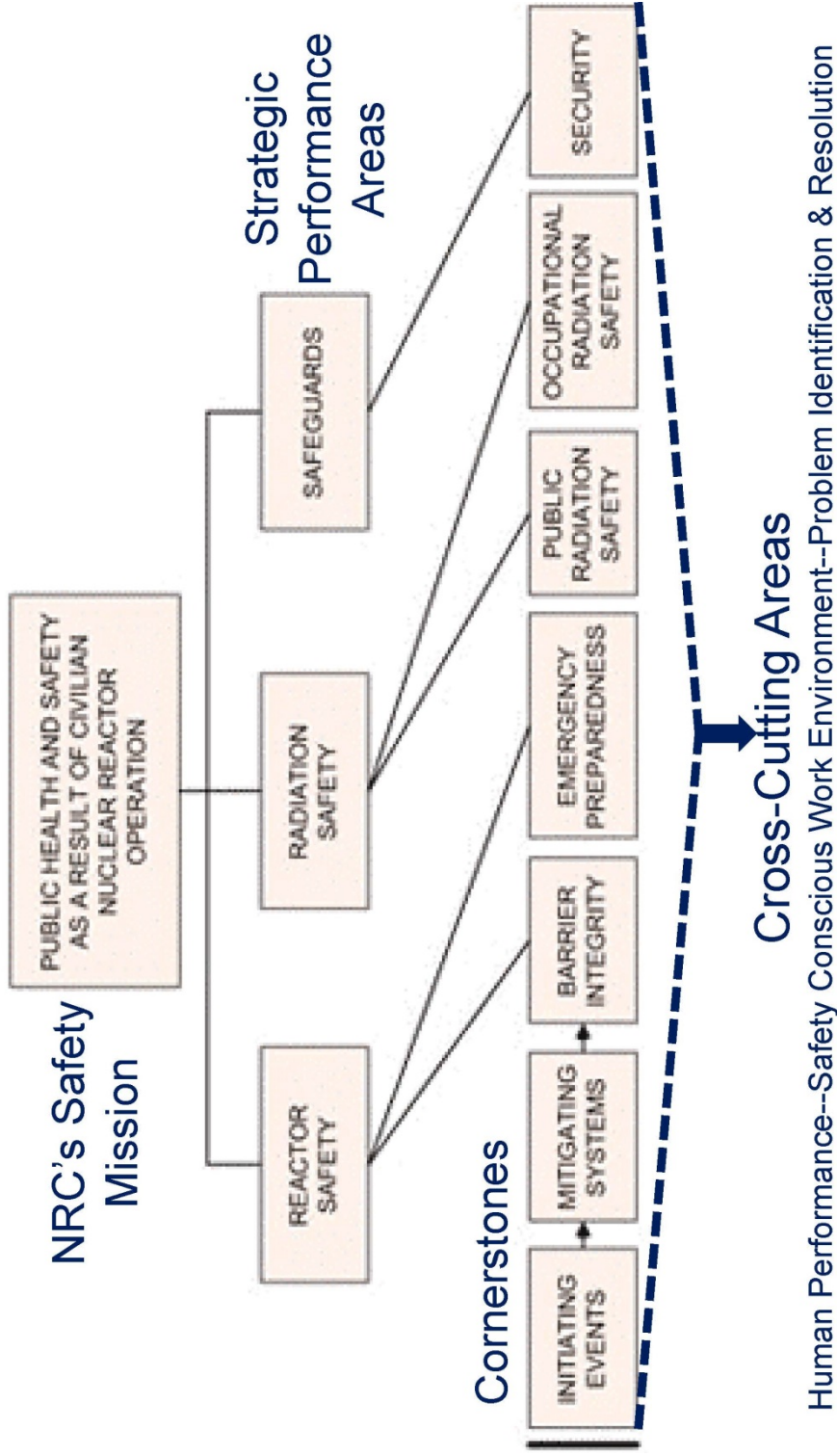


Virgil C. Summer Nuclear Station, Unit 1

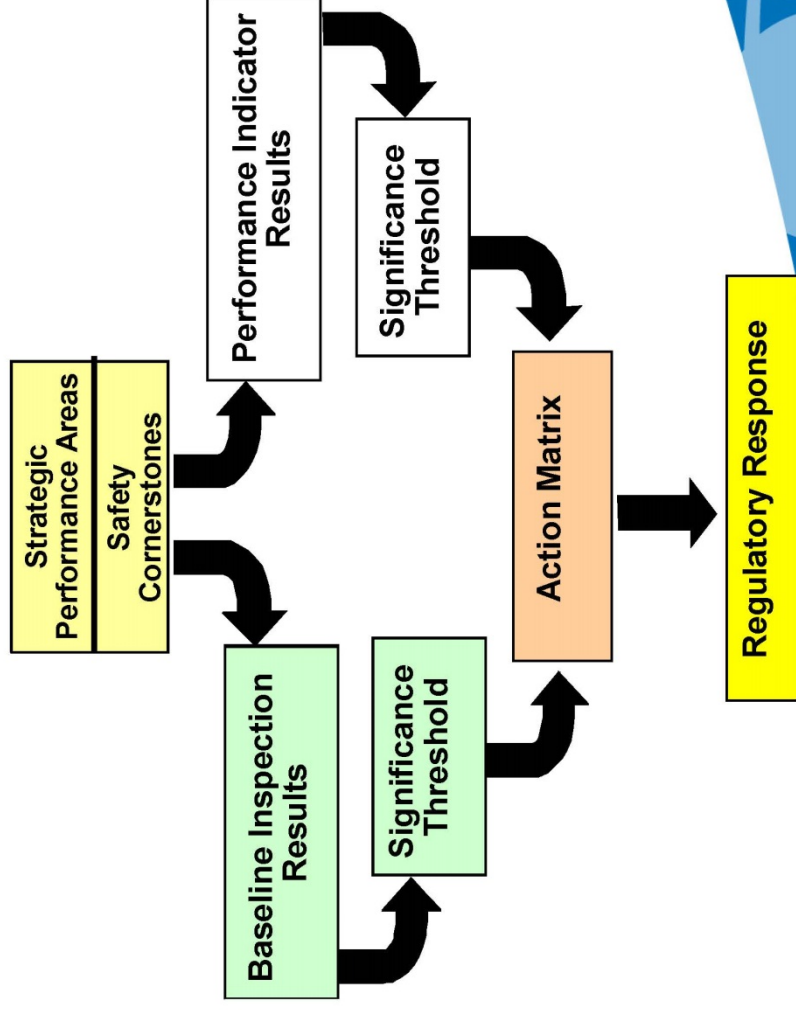
- SCE&G operated the plant safely and in a manner that preserved the public health and safety and protected the environment.
- Unit 1 was in the Licensee Response Column of the NRCs ROP Action Matrix for all of 2013.



Regulatory Framework



Reactor Oversight Process



Action Matrix Columns



Licensee Response	Regulatory Response	Degraded	Multiple/Repetitive Degraded	Unacceptable Performance
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Increasing

- Safety Significance
- Inspection
- Management Involvement
- Regulatory Action



Significance Threshold

Performance Indicators

- **Green** Baseline Inspection
- **White** Requires additional NRC oversight
- **Yellow** Requires more NRC oversight
- **Red** Requires most NRC oversight

Inspection Findings

- **Green** Very low safety issue
- **White** Low to moderate safety issue
- **Yellow** Substantial safety issue
- **Red** High safety issue



NRC Inspection Activities

Virgil C. Summer Nuclear Station, Unit 1 for 2013



- Approximately 3135 hours of inspection and related activities
- 2 resident inspectors on site
 - residents issue 4 quarterly inspection reports per year and conduct routine plant walkdowns
- 8 regional inspections
- 2 major team inspections
 - Emergency Preparedness
 - Plant Modifications Inspection



Virgil C. Summer Nuclear Station, Unit 1 Major Inspection Activities



January 1 - December 31, 2013

- TI-182 Buried Piping / Tank
- Emergency Preparedness
- Requal Inspection
- Initial License Exam
- Triennial Heat Sink Performance
- Plant Modifications Inspection



Virgil C. Summer Nuclear Station, Unit 1 PIs and Findings



- Performance Indicators were all Green
- 13 Green inspection findings / violations
- No ***greater than Green*** inspection findings



NRC Finding Examples

Virgil C. Summer Nuclear Station, Unit 1

- A Green NCV was issued for failure to prescribe an adequate procedure for control of temporary containment penetrations.
- A Green NCV was issued for the failure to perform required radiological surveys prior to disassembling a pressurizer spray valve
- A Green NCV was issued for failure to include reactor vessel supports in the scope of an inservice inspection program.



National Summary of Plant Performance



Status as of 12/31/2013

Licensee Response	80
Regulatory Response	9
Degraded Cornerstone	9
Multiple/Repetitive Deg. Cornerstone	1
Unacceptable	0
IMC 0350 Oversight	1
Total	100



Fukushima Recommendations



- Flooding and Seismic Walkdowns
 - Verify that the site can meet its current requirements for hazard protection
 - Walkdowns are complete; evaluations to be issued by the end of the summer
- Flooding and Seismic Hazard Reevaluations
 - Hazards will be re-evaluated using present-Day information



NRC Plans for 2014



- NRC plans baseline inspections at Virgil C. Summer Nuclear Station, Unit 1 for the remainder of 2014. This includes:
 - Inservice Inspections during Spring refueling outage
 - Component Design Basis
 - Problem Identification and Resolution



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Open to the Public



- The NRC places a high priority on keeping the public and stakeholders informed of its activities.
- At www.nrc.gov, you can:
 - Find public meeting dates and transcripts;
 - Read NRC testimony, speeches, press releases, and policy decisions; and
 - Access the agency's Electronic Reading Room to find NRC publications and documents.

Contacting the NRC



- Report an emergency
 - (301) 816-5100 (call collect)
- Report a safety concern
 - (800) 695-7403
 - Allegation@nrc.gov
- General information or questions
 - www.nrc.gov
 - Select “What We Do” for Public Affairs



NRC Social Media Tools



NRC Blog <http://public-blog.nrc-gateway.gov/>



NRC Twitter <https://twitter.com/#!/NRCgov>



NRC Chat <http://chat.nrc-gateway.gov/>



NRC YouTube <http://www.youtube.com/user/NRCgov>



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NRC RSS Feeds <http://www.nrc.gov/public-involve/listserver.html#rss>



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