



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

April 2, 2014

Mr. Ronald A. Jones
Vice President, New Nuclear Operations
South Carolina Electric and Gas
P.O. Box 88 (Mail Code P40)
Jenkinsville, SC 29065-0088

**SUBJECT: PUBLIC MEETING SUMMARY– CATEGORY 1 – VIRGIL C. SUMMER
NUCLEAR STATION UNITS 2 and 3 ANNUAL ASSESSMENT**

Dear Mr. Jones:

On March 27, 2014, the Nuclear Regulatory Commission (NRC) staff met representatives from South Carolina Electric and Gas and members of the public in Blair, South Carolina. The purpose of the meeting was to discuss the annual assessment of Virgil C. Summer Nuclear Station, Units 2 and 3 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 (ML14065A046). 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 Patrick Heher Acting for/

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

Docket Nos.: 05200027, 05200028
License Nos.: NPF-93, NPF-94

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

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■ PUBLICLY AVAILABLE □ NON-PUBLICLY AVAILABLE □ SENSITIVE ■ NON-SENSITIVE
ADAMS: ■ Yes ACCESSION NUMBER: ML14092A509 ■ SUNSI REVIEW COMPLETE ■ FORM 665 ATTACHED

OFFICE	RII : DCP	RII : DCP				
SIGNATURE	PJH4	JXK1				
NAME	P. Heher	J. Kent				
DATE	04/02/2014	04/02/2014	4/ /2014	4/ /2014	4/ /2014	4/ /2014
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

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

cc w/ encls:

Mr. Jeffrey B. Archie
Sr. Vice President, Nuclear Operations
South Carolina Electric & Gas Company
MC D304
220 Operation Way
Cayce, SC 29033-3172

Chairman
Fairfield County Council
Drawer 60
Winnsboro, SC 29180

Ms. Shannon Bowyer Hudson
Office of Regulatory Staff
State of South Carolina
1401 Main Street
Suite 900
Columbia, SC 29201

Ms. Gidget Stanley-Banks
Director
Allendale County EPA
426 Mullberry Street
Allendale, SC 29810

Andy Barbee
Director
Nuclear Training – SN
Virgil C. Summer Units 2 and 3
Nuclear Station Bradham Blvd.
Highway 215
P.O. Box 88
Jenkinsville, SC 19065

Paul Mothena
Manager
Nuclear Training – SN
Virgil C. Summer Units 2 and 3
Nuclear Station Bradham Blvd.
Highway 215
P.O. Box 88
Jenkinsville, SC 19065

Email

abynum@scana.com (Al Bynum)
 amonroe@scana.com (Amy Monroe)
 APAGLIA@Scana.com (Al Paglia)
 APH@NEI.org (Adrian Heymer)
 April.Rice@scana.com (April Rice)
 arice@scana.com (April R. Rice)
 awc@nei.org (Anne W. Cottingham)
 bedforbj@westinghouse.com (Brian Bedford)
 Bill.Jacobs@gdsassociates.com (Bill Jacobs)
 charles.baucom@cbi.com (Charles T. Baucom)
 christina.barnett@scana.com (Christina Barnett)
 collinlj@westinghouse.com (Leslie Collins)
 CumminWE@Westinghouse.com (Edward W. Cummins)
 cwaltman@roe.com (C. Waltman)
 david.lewis@pillsburylaw.com (David Lewis)
 DCRM-EDMS@SCANA.COM
 delongra@westinghouse.com (Rich DeLong)
 dgriffin@scana.com (Donna S. Griffin)
 ed.burns@earthlink.net (Ed Burns)
 ewingja@westinghouse.com (Jerrod Ewing)
 fbelser@regstaff.sc.gov
 hutchiwe@westinghouse.com (William Hutchins)
 jarchie@scana.com (Jeffrey B. Archie)
 jenkins@dhec.sc.gov (Susan Jenkins)
 jflitter@regstaff.sc.gov
 Joseph_Hegner@dom.com (Joseph Hegner)
 karlg@att.net (Karl Gross)
 kinneyrw@dhec.sc.gov (Ronald Kinney)
 KSutton@morganlewis.com (Kathryn M. Sutton)
 kwaugh@impact-net.org (Kenneth O. Waugh)
 lchandler@morganlewis.com (Lawrence J. Chandler)
 maria.webb@pillsburylaw.com (Maria Webb)
 matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)
 mcintyba@westinghouse.com (Brian McIntyre)
 media@nei.org (Scott Peterson)
 MSF@nei.org (Marvin Fertel)
 nirsnet@nirs.org (Michael Mariotte)
 Nuclaw@mindspring.com (Robert Temple)
 patriciaL.campbell@ge.com (Patricia L. Campbell)
 Paul@beyondnuclear.org (Paul Gunter)
 pbessette@morganlewis.com (Paul Bessette)
 porterhj@dhec.sc.gov (Henry Porter)
 randall@nexusamllc.com (Randall Li)
 RJB@NEI.org (Russell Bell)
 Ronald.Jones@scana.com (Ronald Jones)
 russpa@westinghouse.com (Paul Russ)
 rwink@ameren.com (Roger Wink)
 sabinski@suddenlink.net (Steve A. Bennett)
 sburdick@morganlewis.com (Stephen Burdick)
 sbyrne@scana.com (Stephen A. Byrne)

sfrantz@morganlewis.com (Stephen P. Frantz)
shudson@regstaff.sc.gov (Shannon Hudson)
solleyda@dhec.sc.gov (David Solley)
stephan.moen@ge.com (Stephan Moen)
TGATLIN@scana.com (Thomas Gatlin)
threatsj@dhec.sc.gov (Sandra Threatt)
tom.miller@hq.doe.gov (Tom Miller)
TomClements329@cs.com (Tom Clements)
Vanessa.quinn@dhs.gov (Vanessa Quinn)
vcsnrc@scana.com (NRC Senior Resident Inspector
Wanda.K.Marshall@dom.com (Wanda K. Marshall)
weave1dw@westinghouse.com (Doug Weaver)
William.Cherry@scana.com (William Cherry)
wmcherry@santeecooper.com (Marion Cherry)

Letter to R. Jones from Michael E. Ernstes, dated April 2, 2014

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NUCLEAR STATION UNITS 2 and 3 ANNUAL ASSESSMENT

Distribution w/encl:

Region II Regional Coordinator, OEDO

T. Fredette, NRO

L. Burkhart, NRO

T. Kozak, NRO

D. McGovern, NRO

V. McCree, RII

F. Brown, RII

J. Ledford, Public Affairs Officer, RII

R. Hannah, Public Affairs Officer, RII

J. Munday, RII

J. Yerokun, RII

M. Ernstes, RII

J. Heisserer, RII

A. Masters, RII

R. Musser, RII

P. Heher, RII

J. Kent, RII

R. Jackson, RII

P. Donnelly, RII

D. Failla, RII

ConE.Resource@nrc.gov

NRO_cROP.Resource@nrc.gov

Summer_Construction_Support@nrc.gov

PUBLIC

**V.C. SUMMER UNITS 2 AND 3 CONSTRUCTION****2013 Annual Assessment Public Meeting - March 27, 2014**NameOrganization & Title - Address / EmailTom ClementsSouth Carolina Chapter of The Sierra Club



Organization & Title - Address / Email

[illegible]



V. C. Summer Units 2 & 3

2013 Annual Assessment

March 27, 2014





Agenda

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

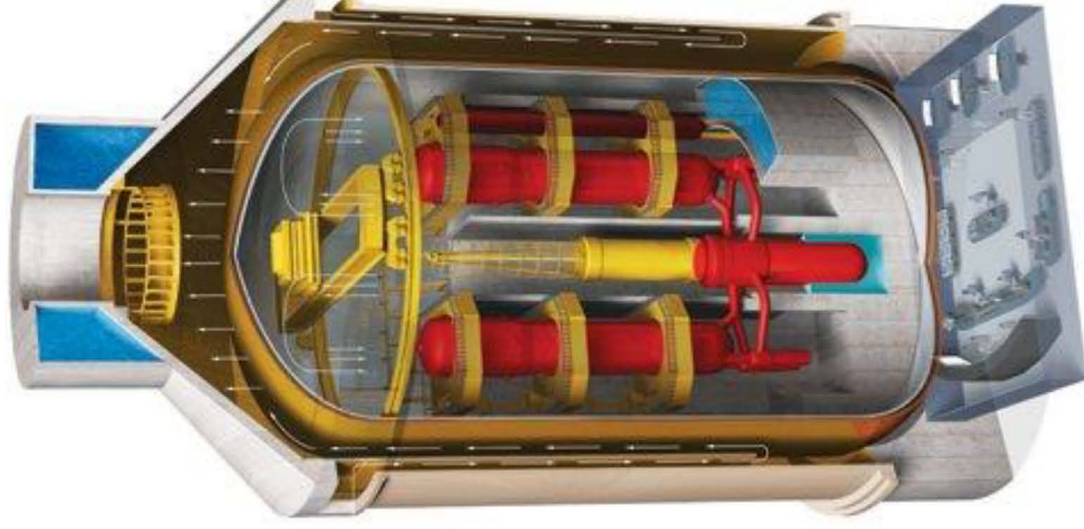
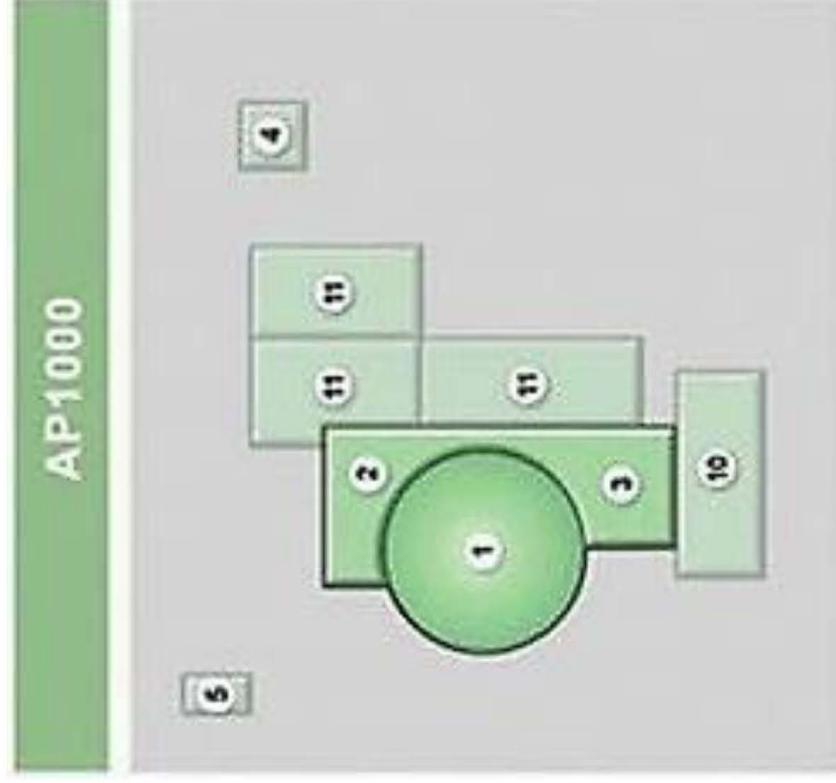


Construction Mission Statement

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.

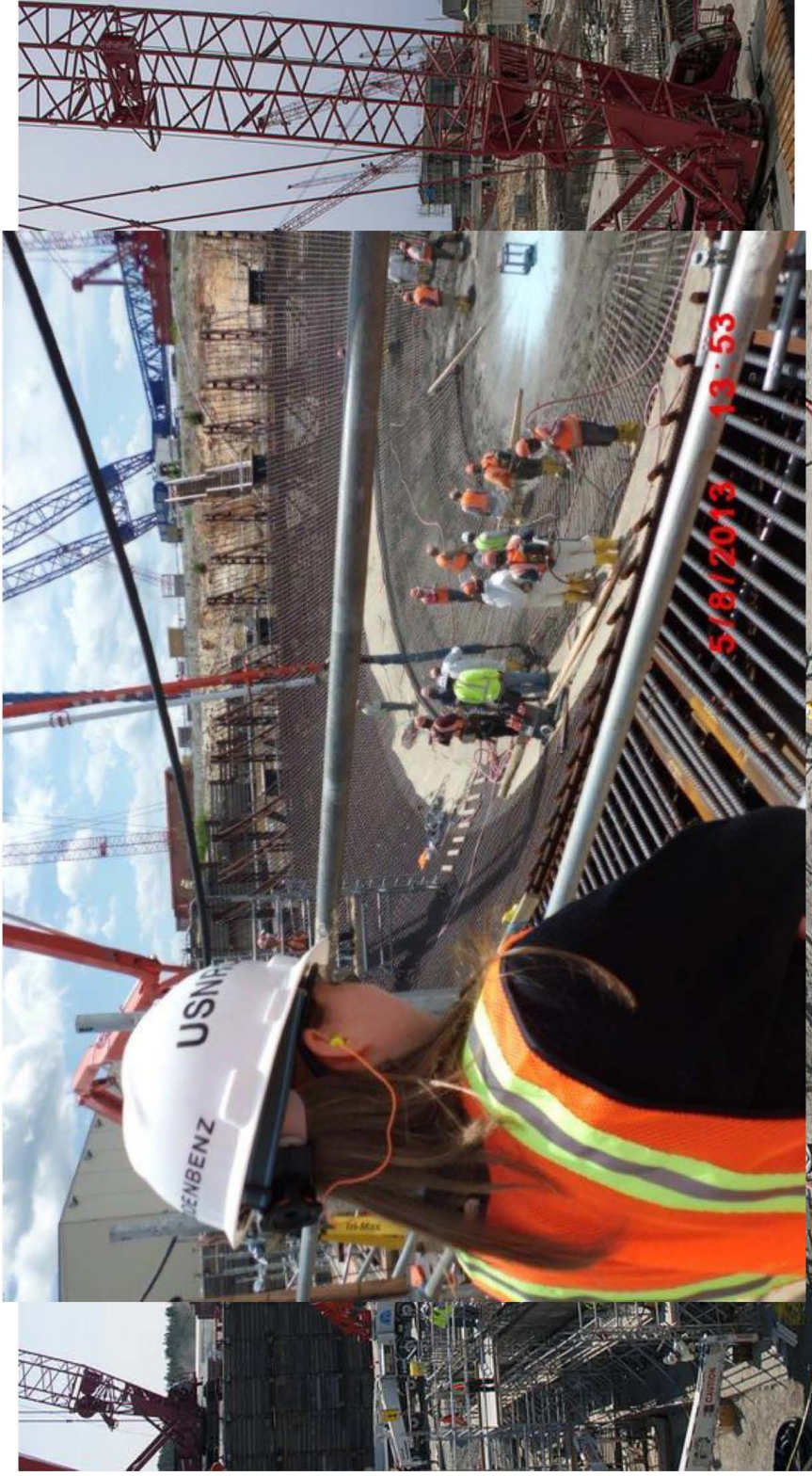


AP1000 Overview



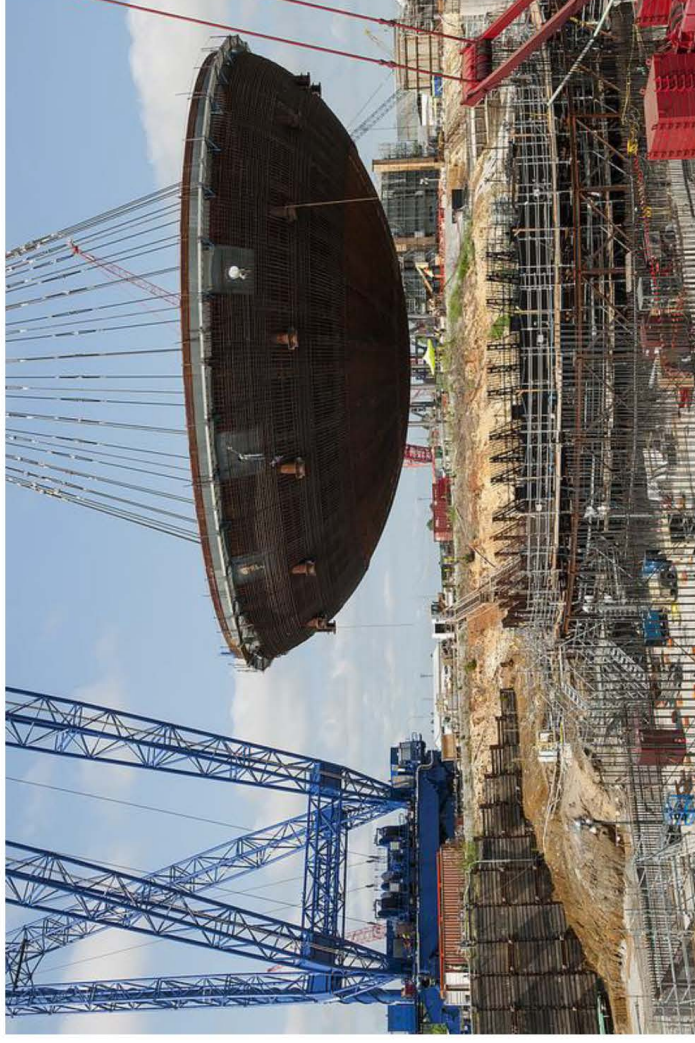


2013 Construction Activities





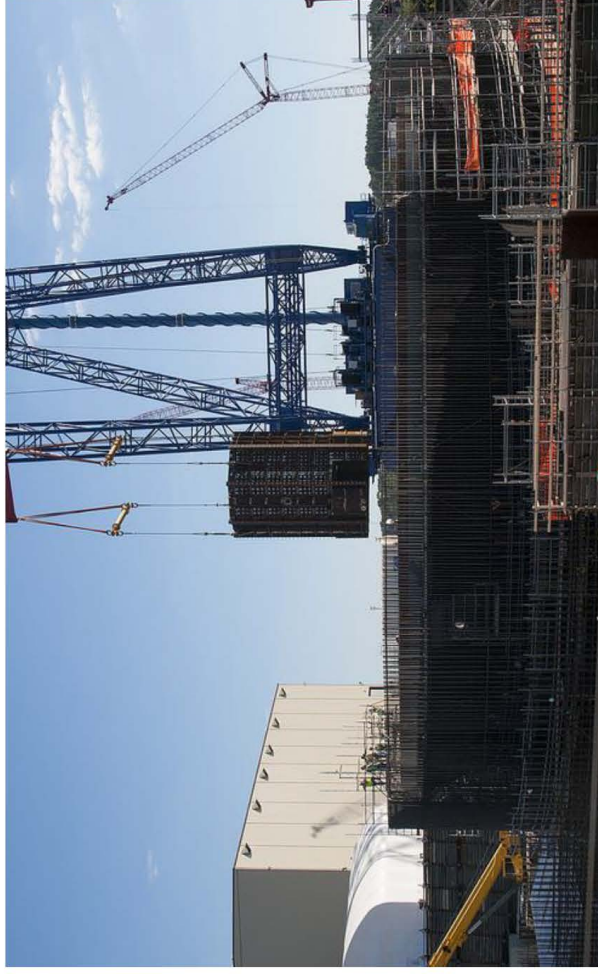
2013 Construction Activities



Containment Vessel Bottom Head



2013 Construction Activities



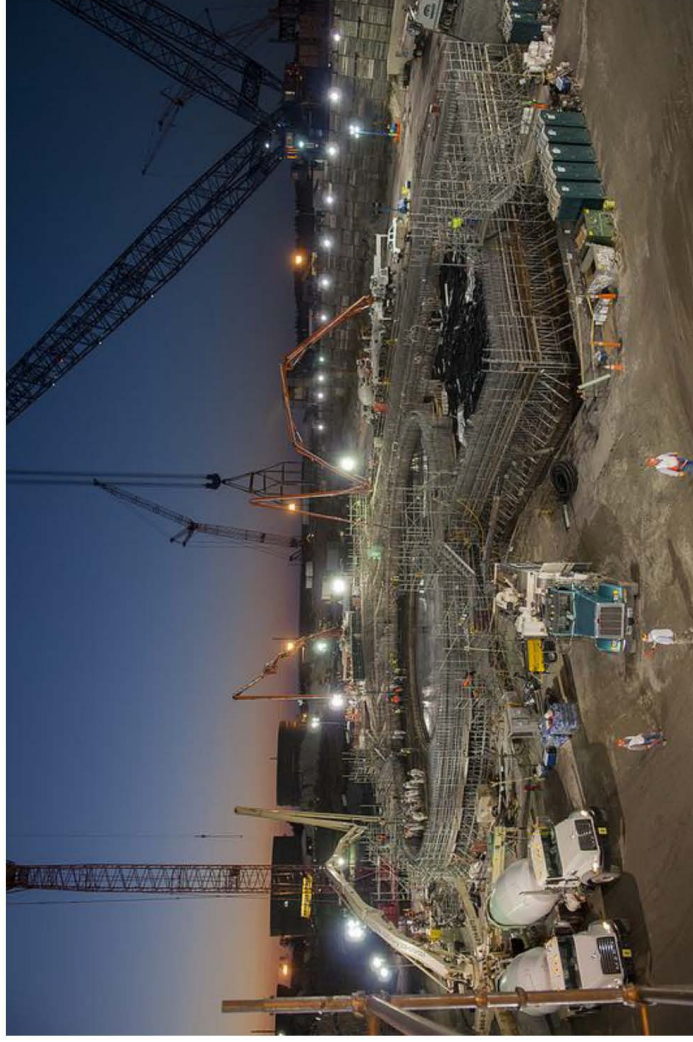
CA04 – Reactor Vessel Cavity Module



2013 Construction Activities

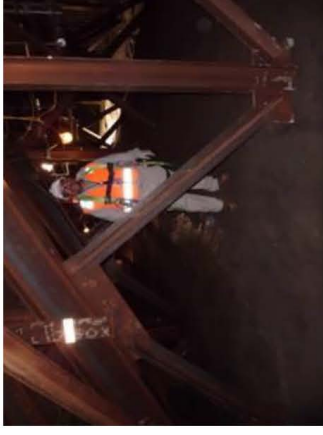


Unit 3
Basemat Pour





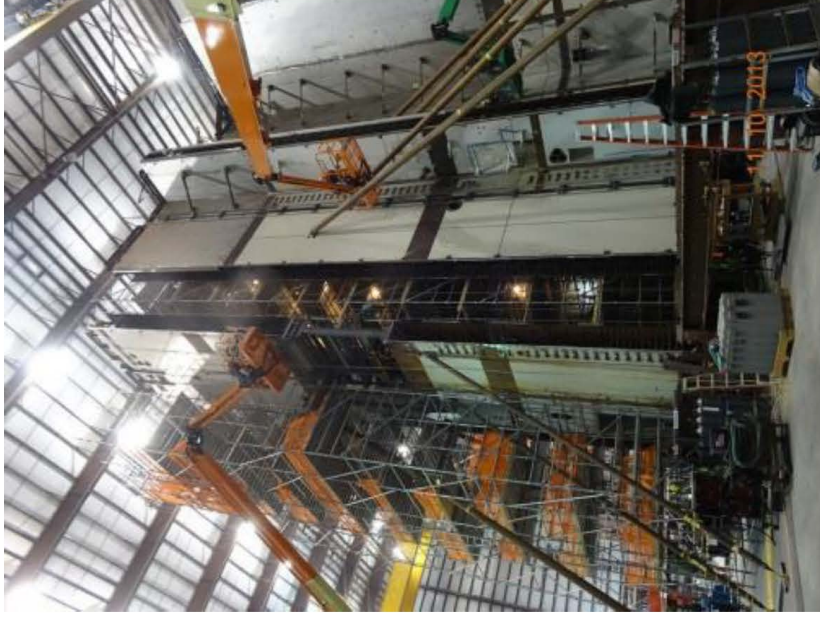
2013 Construction Activities



First concrete
placement
around CVBH



2013 Construction Activities



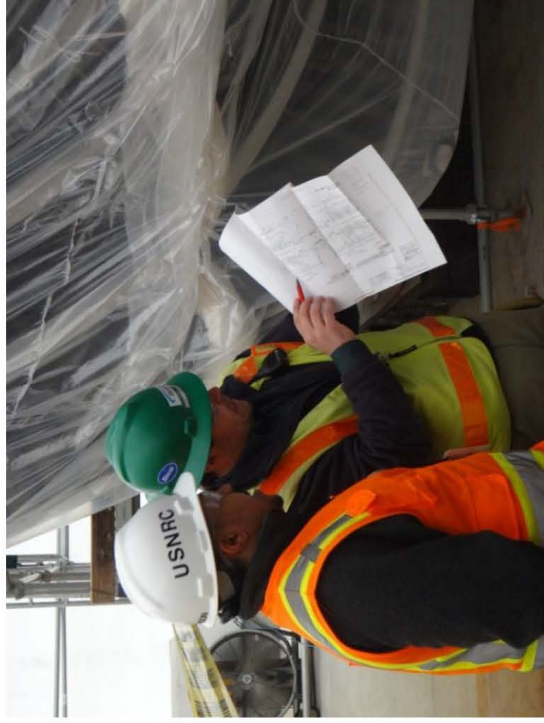
Summer CA20 Fabrication



China CA20 Placement

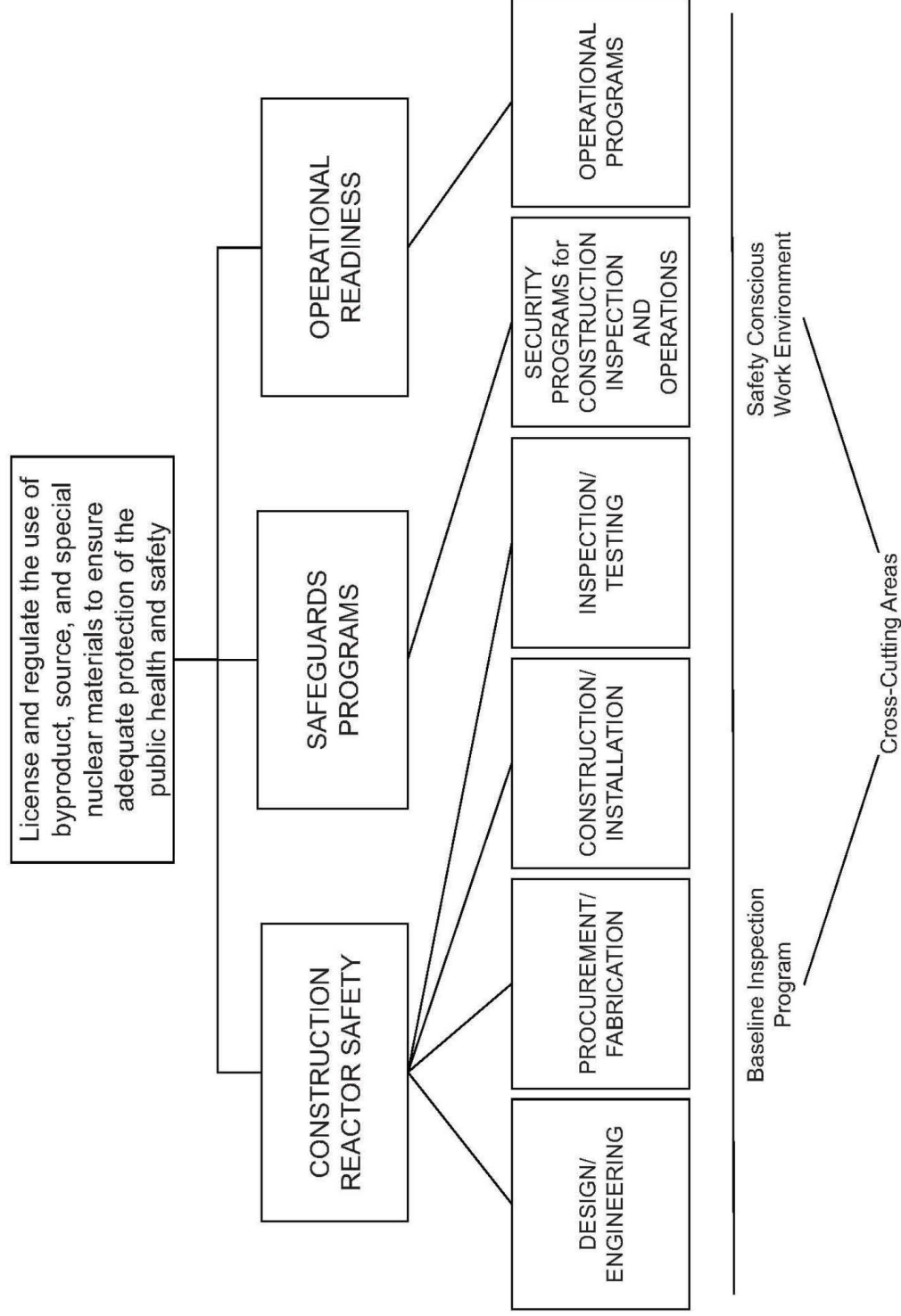


ITAAC



Programs

cROP Regulatory Framework





2013 Inspection Findings

- **Construction / Installation (2)**
- **Design / Engineering (1)**



Assessment Overview

- Overall Assessment Results:
 - V.C. Summer 2 & 3 were being constructed in a manner that preserved public health and safety and met all cornerstone objectives.
 - V.C. Summer 2 & 3 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	RAD/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	RAD/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 ----->						



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