

NUCLEAR | South Carolina's Clean Energy Solution



NOV 2014

Construction Update

New Nuclear Deployment
SCANA/South Carolina Electric & Gas

Total New Nuclear Staffing

SCE&G	533
Management	4
NND	89
Operational Readiness	312
Training	54
Unit 1	36
SCANA IT	7
SCANA Insurance	1
SCANA – Financial	12
Contractors	18
 Consortium	 3,300
CB&I	2,620
Westinghouse	150
Subcontractors	530



VC Summer - November 2008

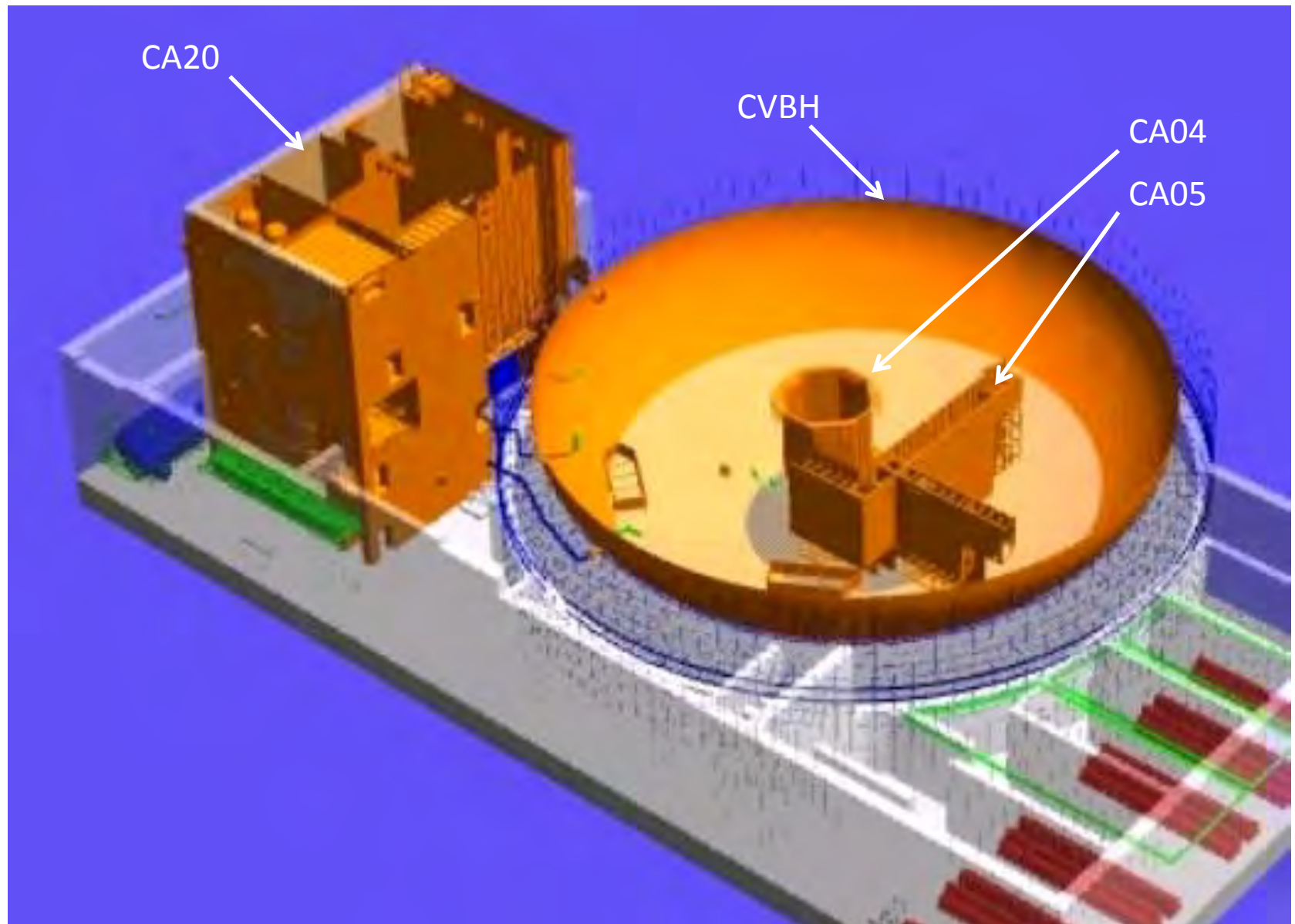


VC Summer - October 2011



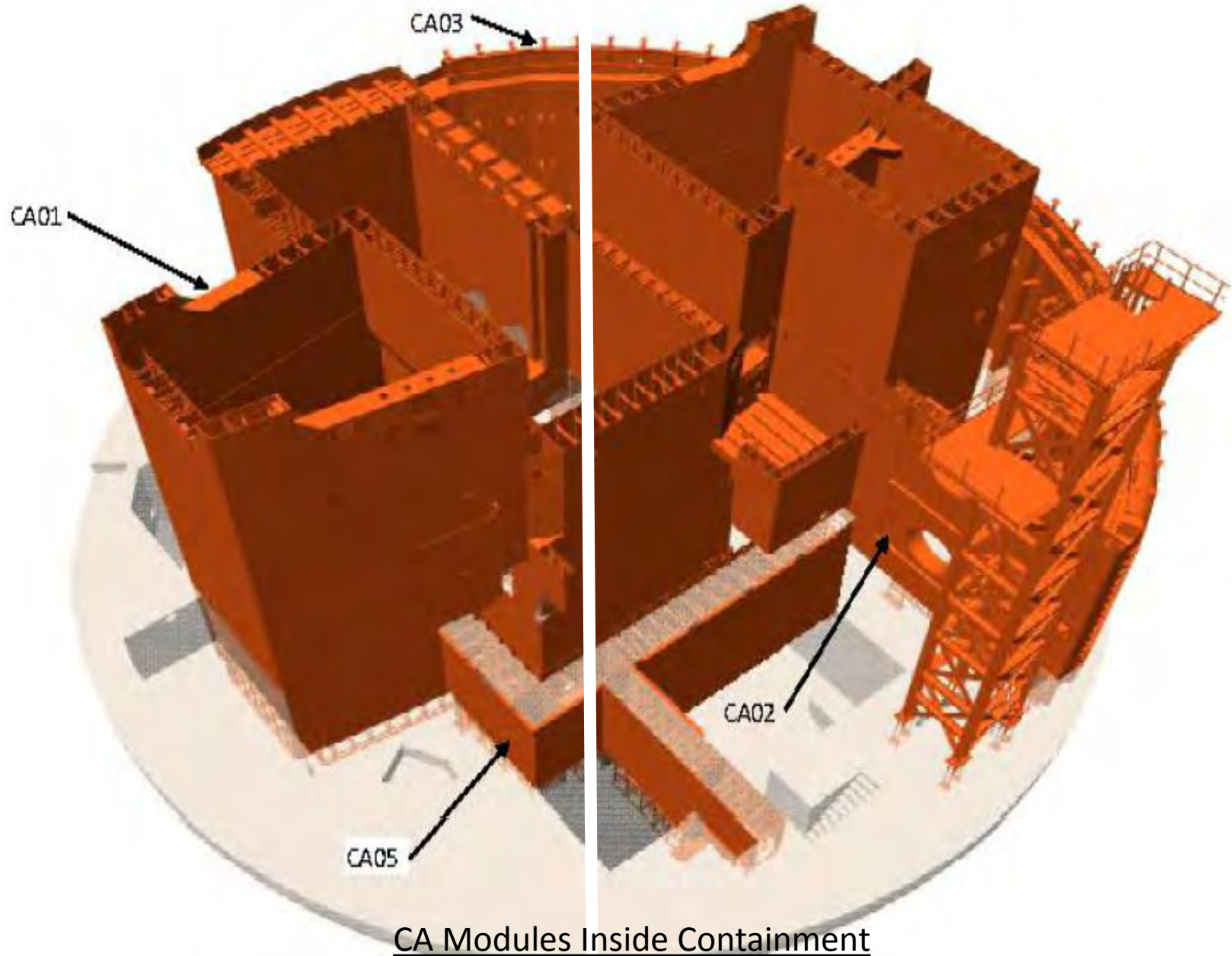
Units 2 & 3 – May 2014 Site Overview

Upcoming Construction Milestones



CA Modules in Nuclear Island

Upcoming Construction Milestones

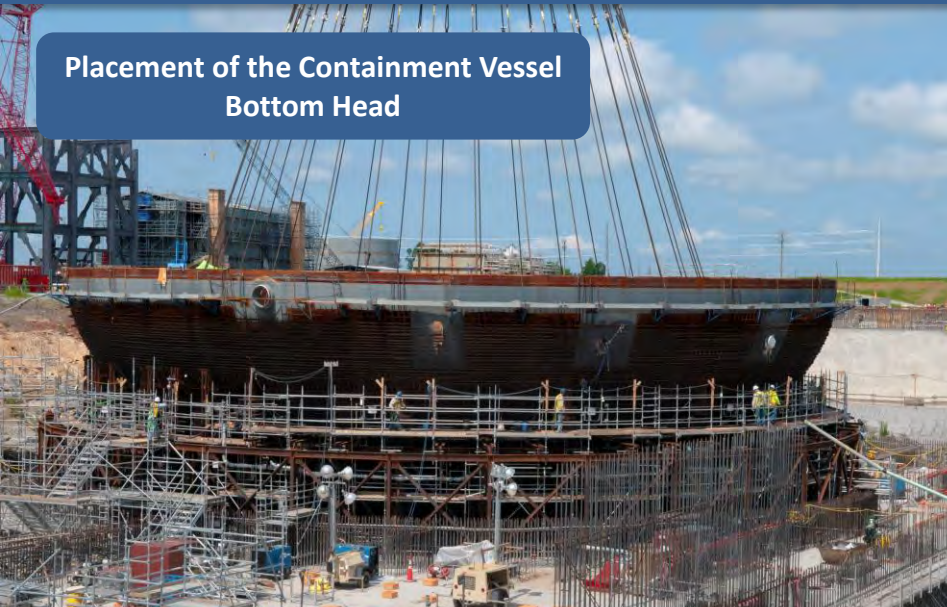


Unit 2 Containment Vessel Ring 1



Unit 2 Nuclear Island

Placement of the Containment Vessel Bottom Head



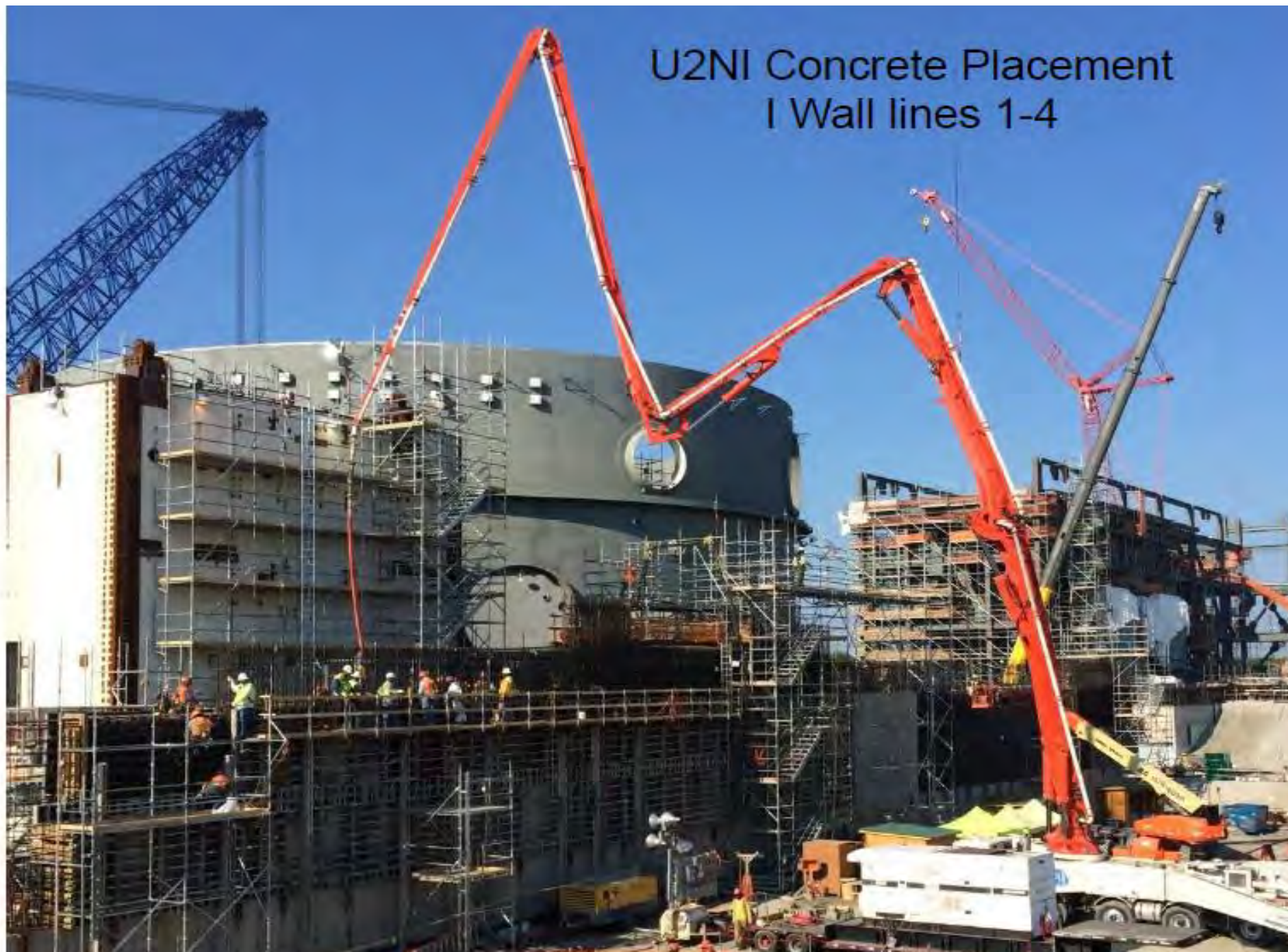
Placement of Module CA-20



Placement of Containment Vessel Ring 1

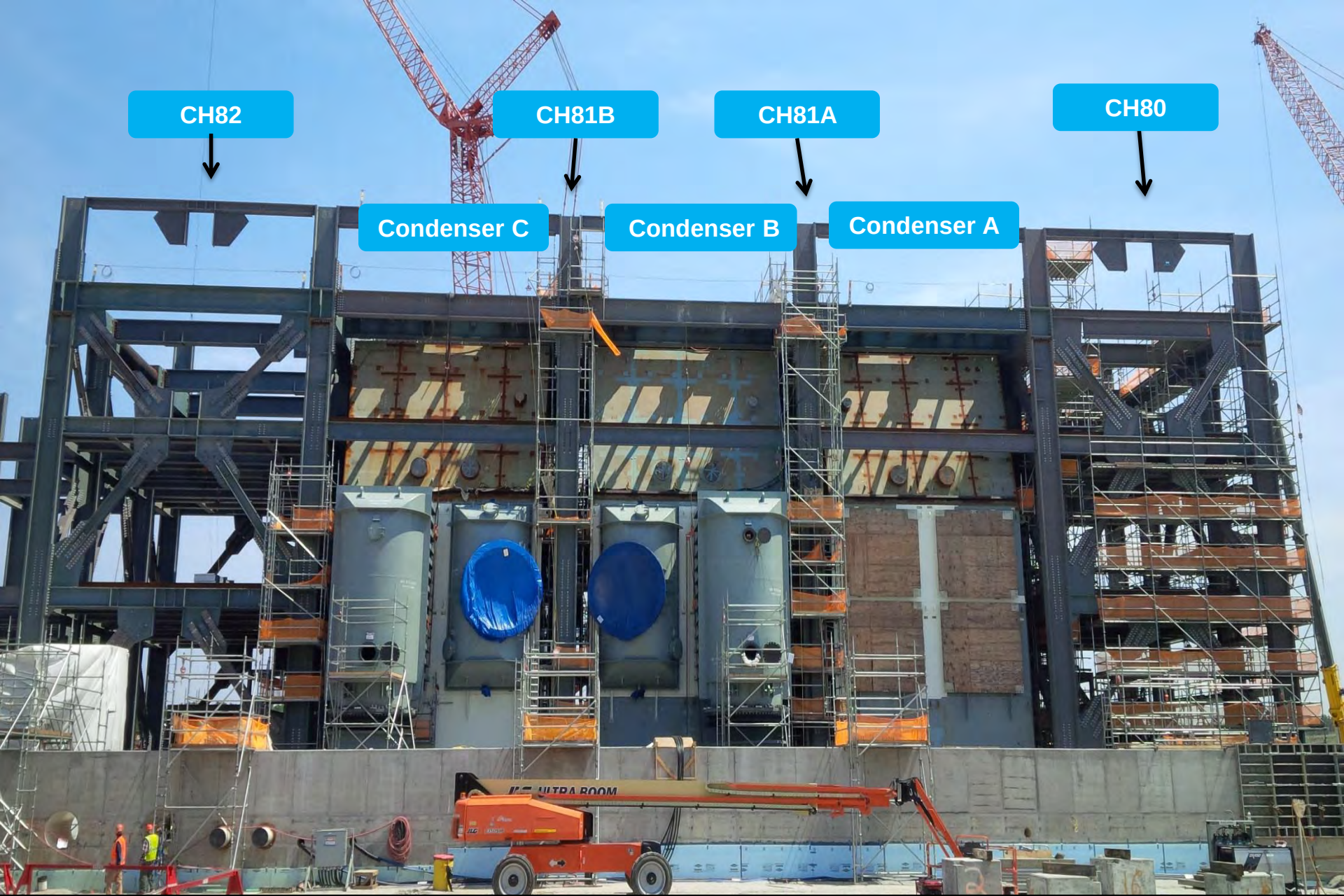


U2NI Concrete Placement I Wall lines 1-4



Col Lines 9.1 and 9.2





U2 Turbine Building

UNIT 2 TURBINE BUILDING

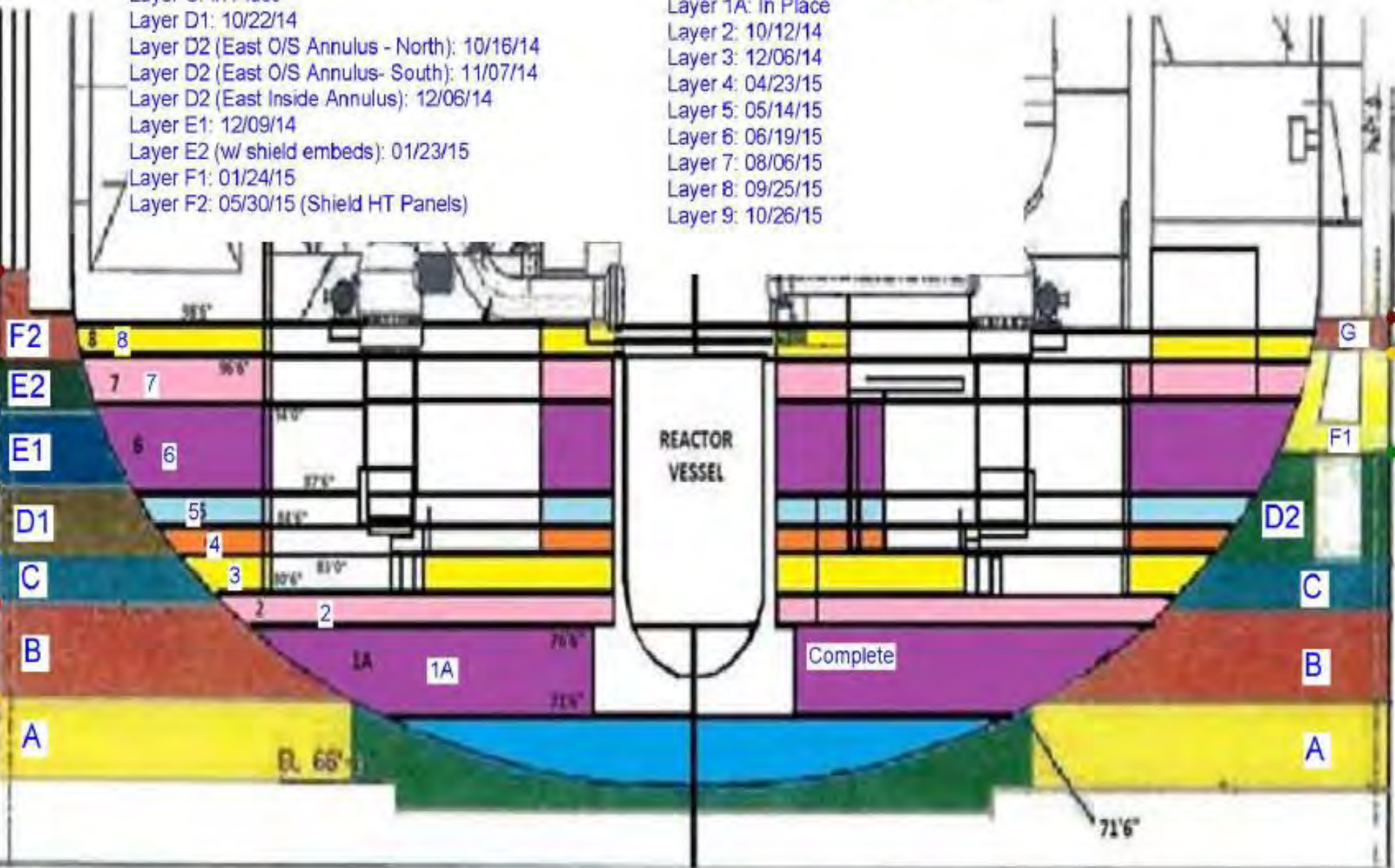


05/29/2014

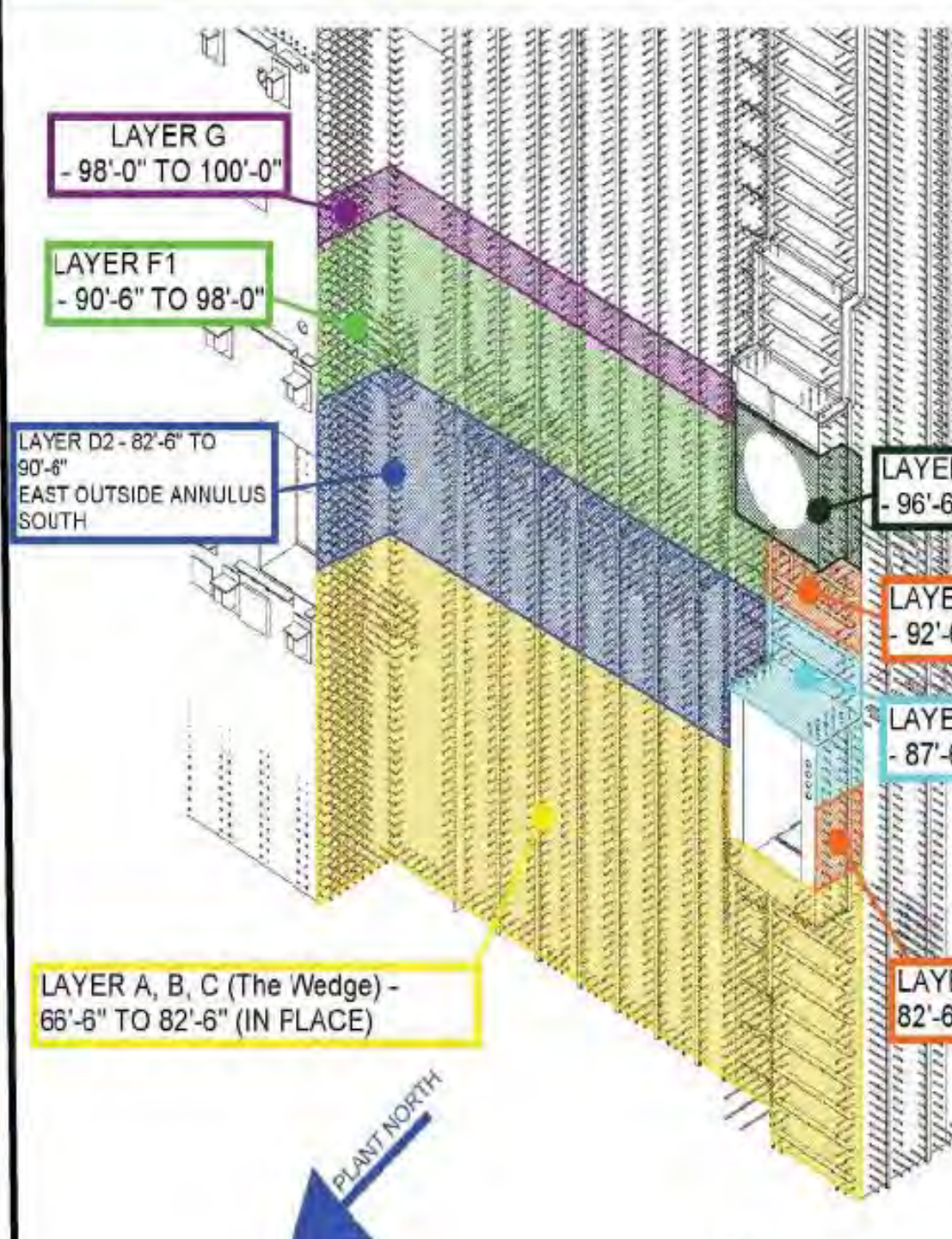
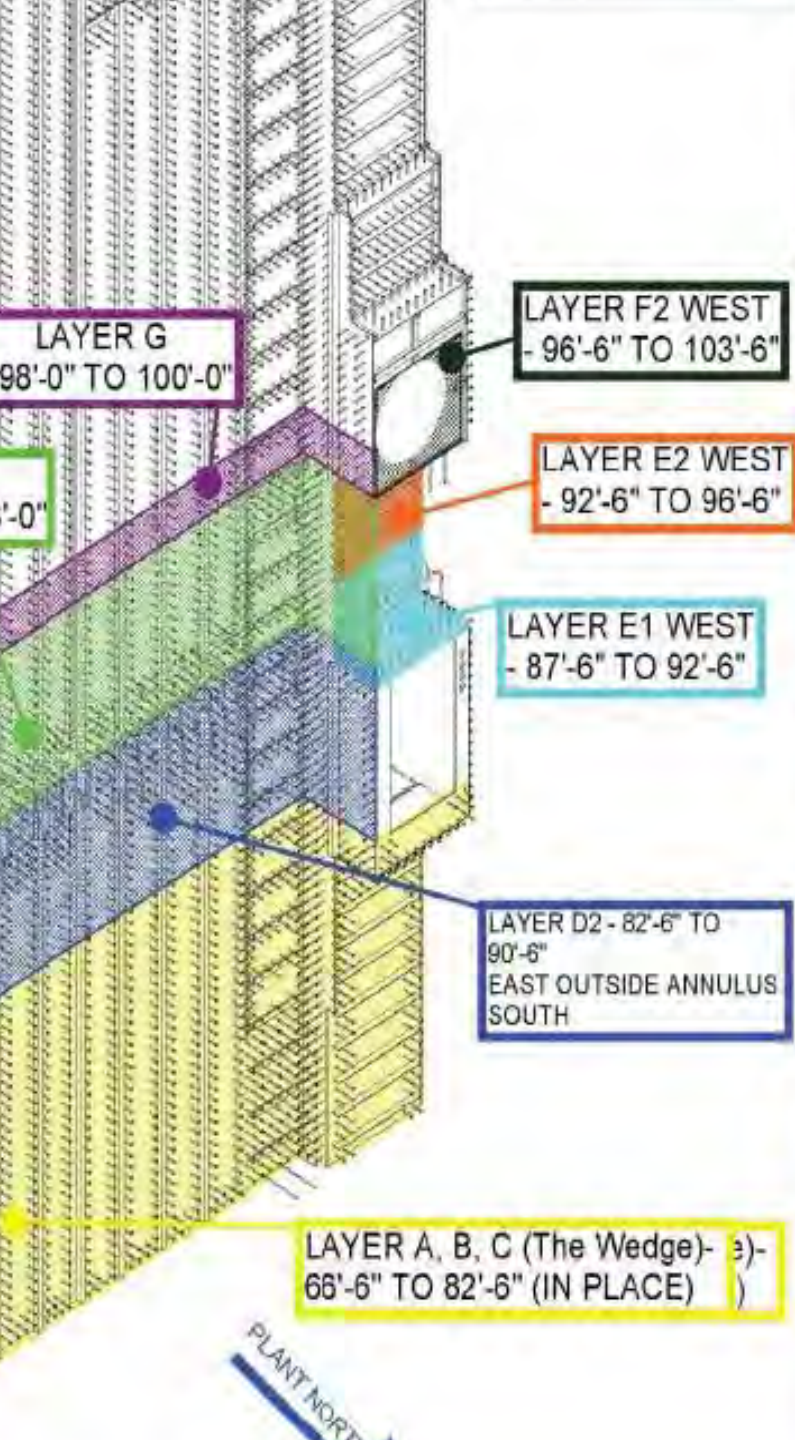
Layer A: In Place
 Layer B: In Place
 Layer C: In Place
 Layer D1: 10/22/14
 Layer D2 (East O/S Annulus - North): 10/16/14
 Layer D2 (East O/S Annulus- South): 11/07/14
 Layer D2 (East Inside Annulus): 12/06/14
 Layer E1: 12/09/14
 Layer E2 (w/ shield embeds): 01/23/15
 Layer F1: 01/24/15
 Layer F2: 05/30/15 (Shield HT Panels)

PLACEMENT DATES (as of 9/19/14):

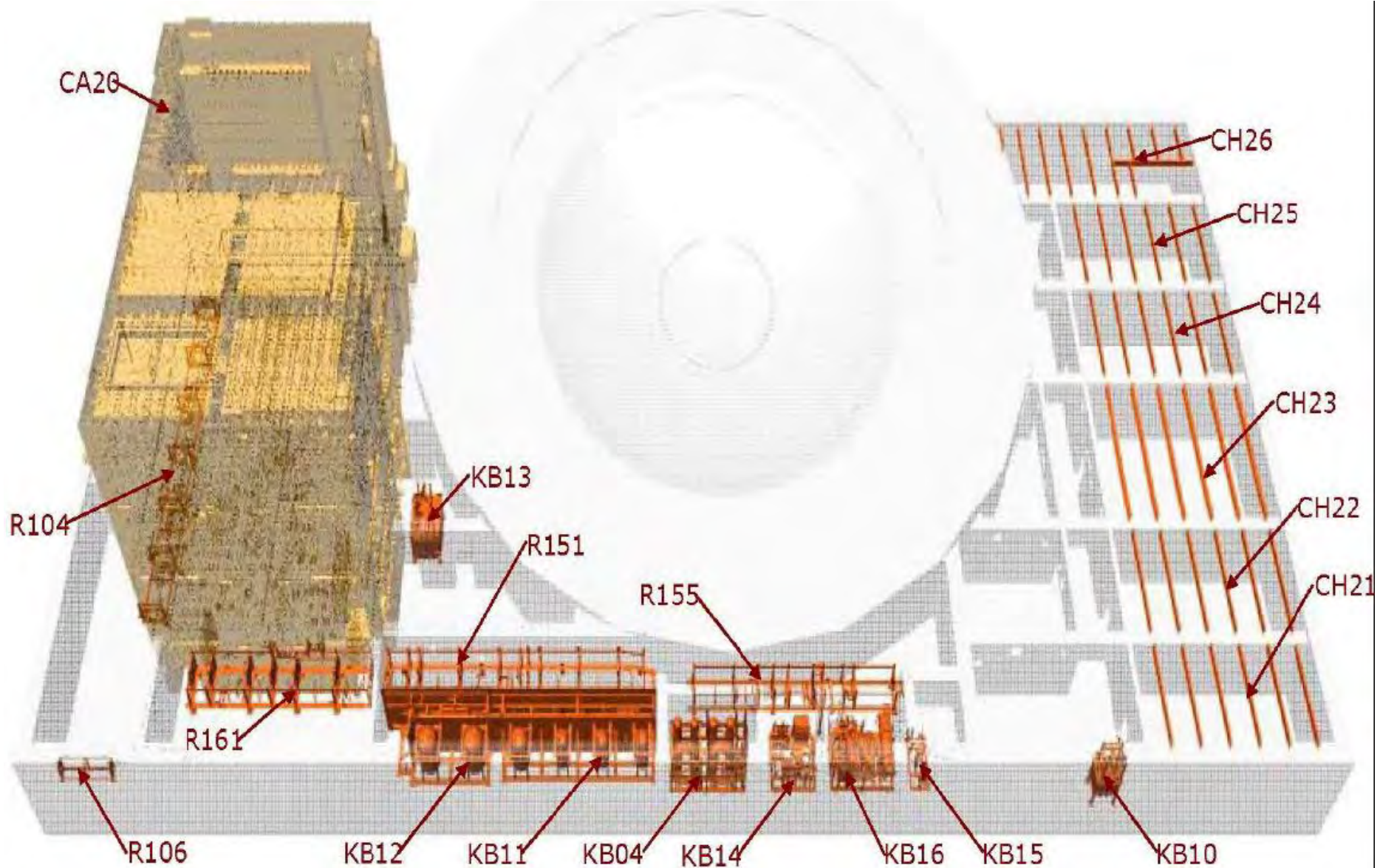
Layer 1A: In Place
 Layer 2: 10/12/14
 Layer 3: 12/06/14
 Layer 4: 04/23/15
 Layer 5: 05/14/15
 Layer 6: 06/19/15
 Layer 7: 08/06/15
 Layer 8: 09/25/15
 Layer 9: 10/26/15



CONCRETE CONSTRUCTION JOINTS



Upcoming Construction Milestones

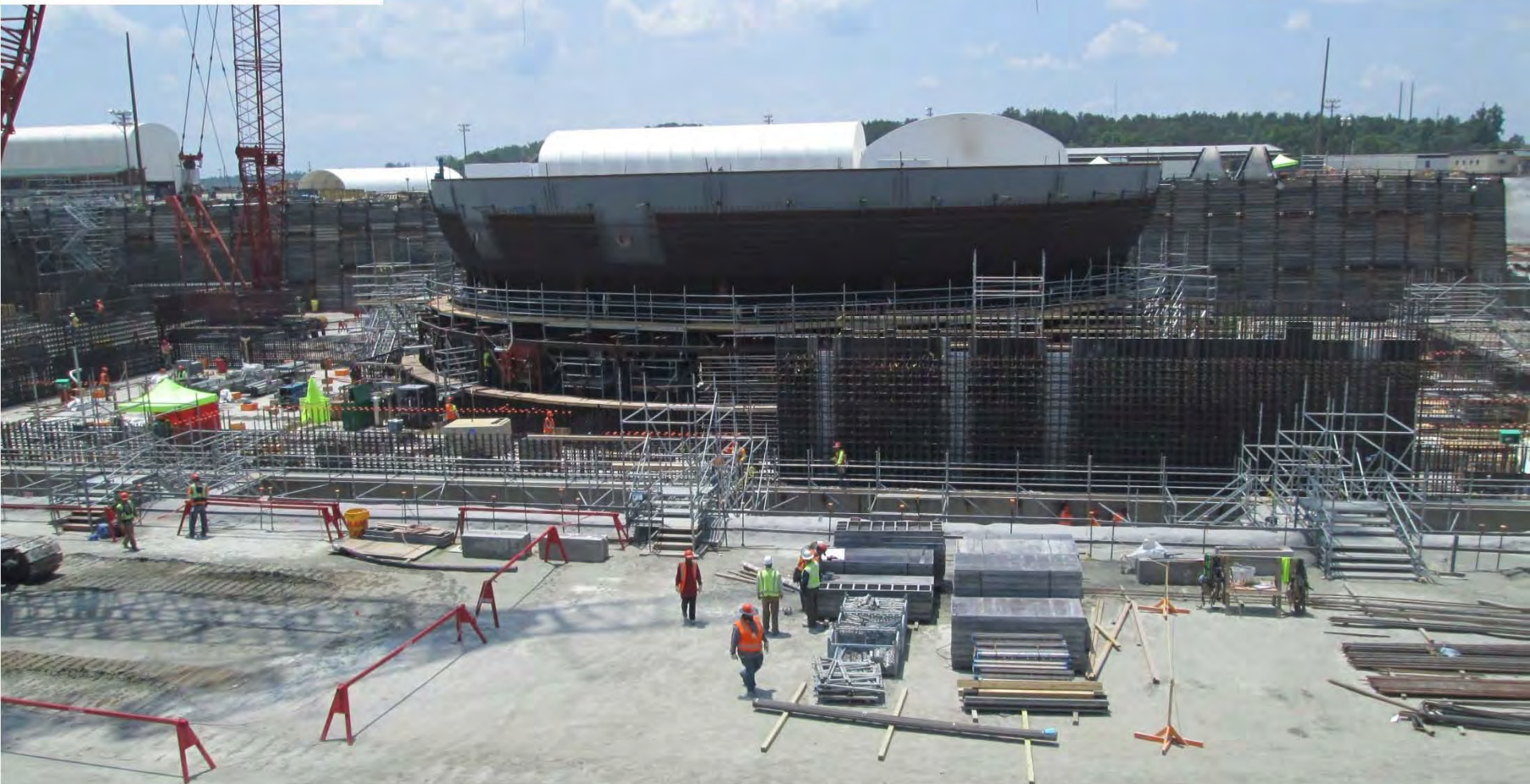


Unit 2 Auxiliary Building First Floor Mechanical Modules



KB11 Shield Plate Installation
2 Crane Pick : approx. 90,000 lbs

**UNIT 3
NUCLEAR ISLAND
CVBH**



05/29/2014

Drill Water Pipe Install





CA20 Transport

CA01 Module Assembly On Site



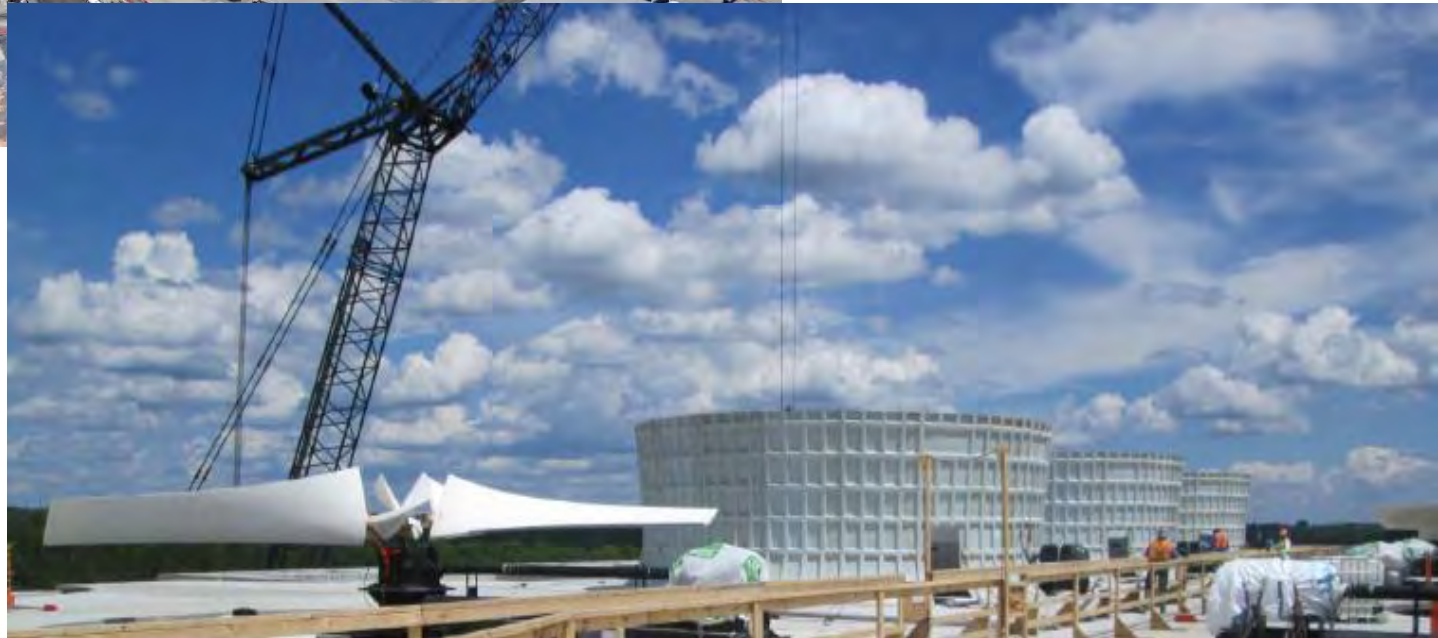
CA05 Module Assembly On Site





Cooling Tower
2A , 2B & 3A
South Side

Fan & Shroud
Installation



Units 2 & 3 Cooling Towers

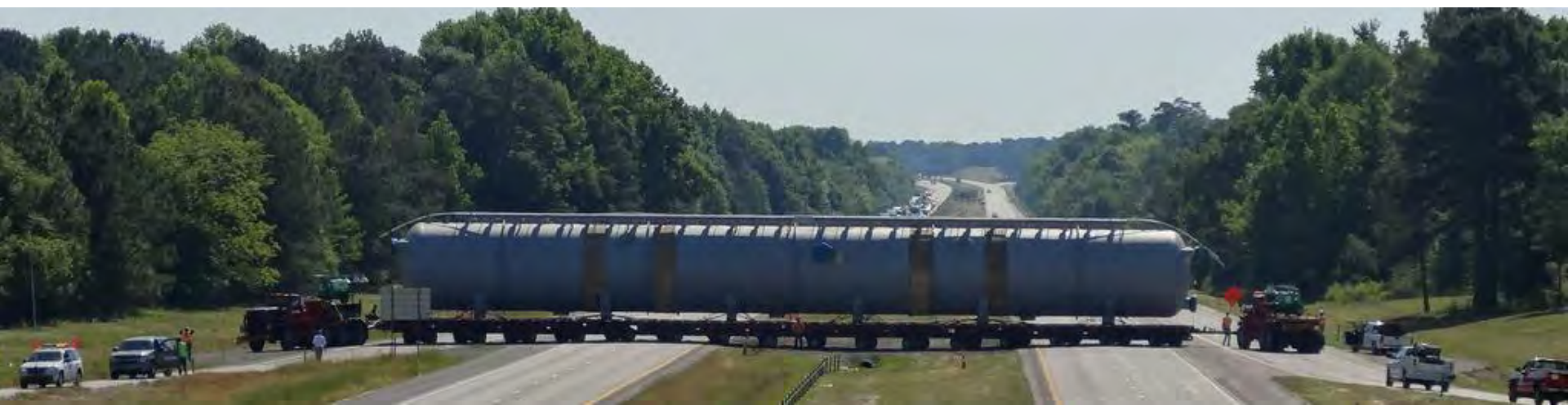
Main and Aux Reserve
Transformer Dress Out
Oil Fill Activities



**Unit 2 Turbine Components
at the Port of Charleston**



Unit 2 Reactor Vessel at Site



Unit 2 Deaerator Transport



Length: 140 feet
Diameter: 18 feet
Weight: 300 tons



Unit 3 Deaerator Transport

Unit 2 Main &
Auxiliary
Transformers



Unit 2 & 3 Core
Makeup Tanks



Unit 2 & 3
Accumulator Tanks



Components Arriving on Site

Unit 2 Integrated
Head Package



Unit 2 Generator
Stator



Unit 2 Diesel
Generators



More Components Arriving on Site 28



Steam Generator Load Out

Questions?

