

Levy Nuclear Plant Units 1 and 2 COL Application Overview

Presentation to NRC Staff

08-21-08



Agenda

Opening Statements & Introductions

NRC/Bob Kitchen (PGN)

COL Application Overview & Navigation

Bob Kitchen(PGN)

Environmental Report Overview

Paul Snead (PGN)

Geotechnical and Seismic Overview

Vann Stephenson (PGN)

**Limited Work Authorization (LWA) Scope
(PGN)**

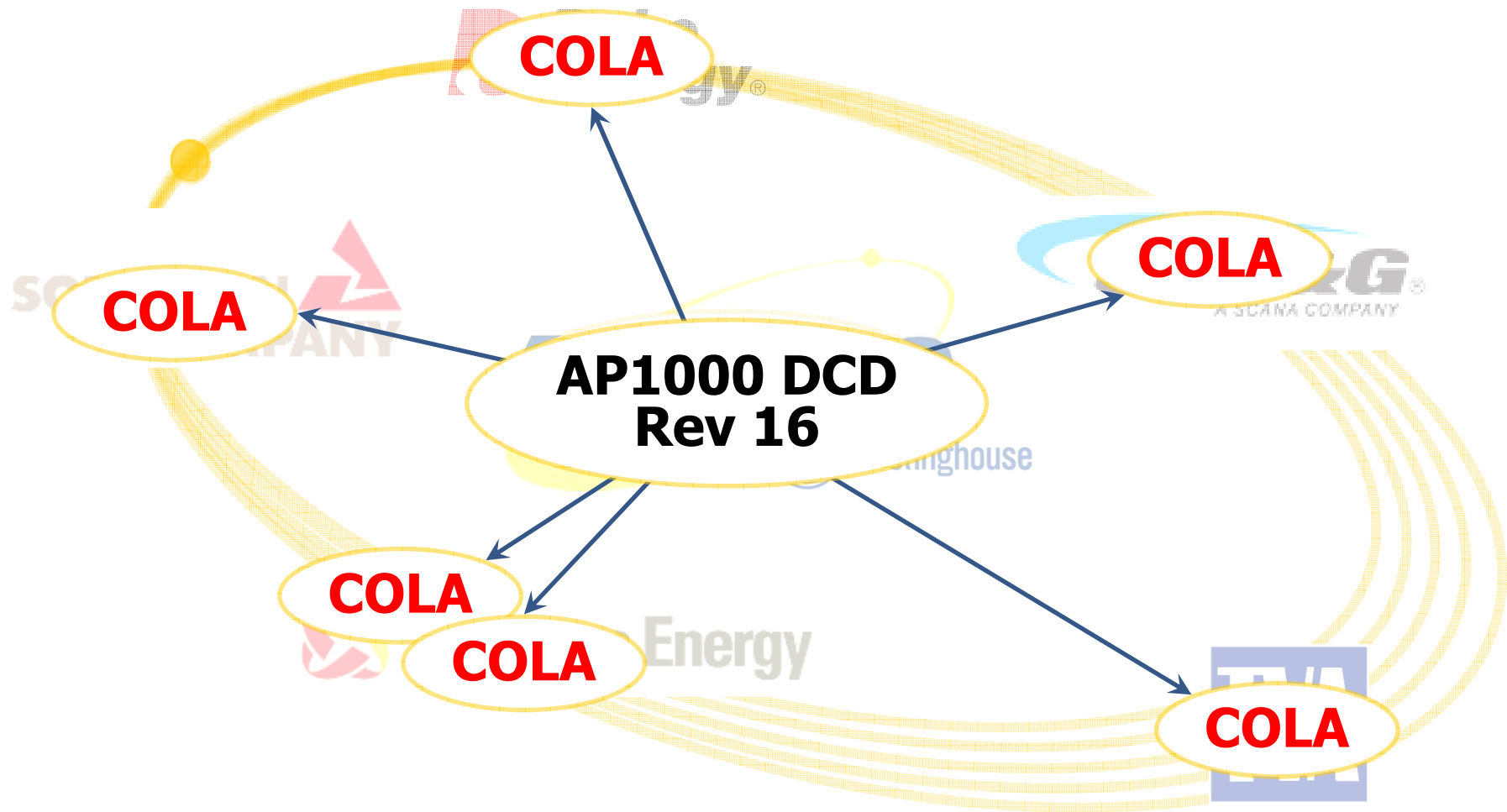
Bob Kitchen

Wrap-Up & Closing Remarks

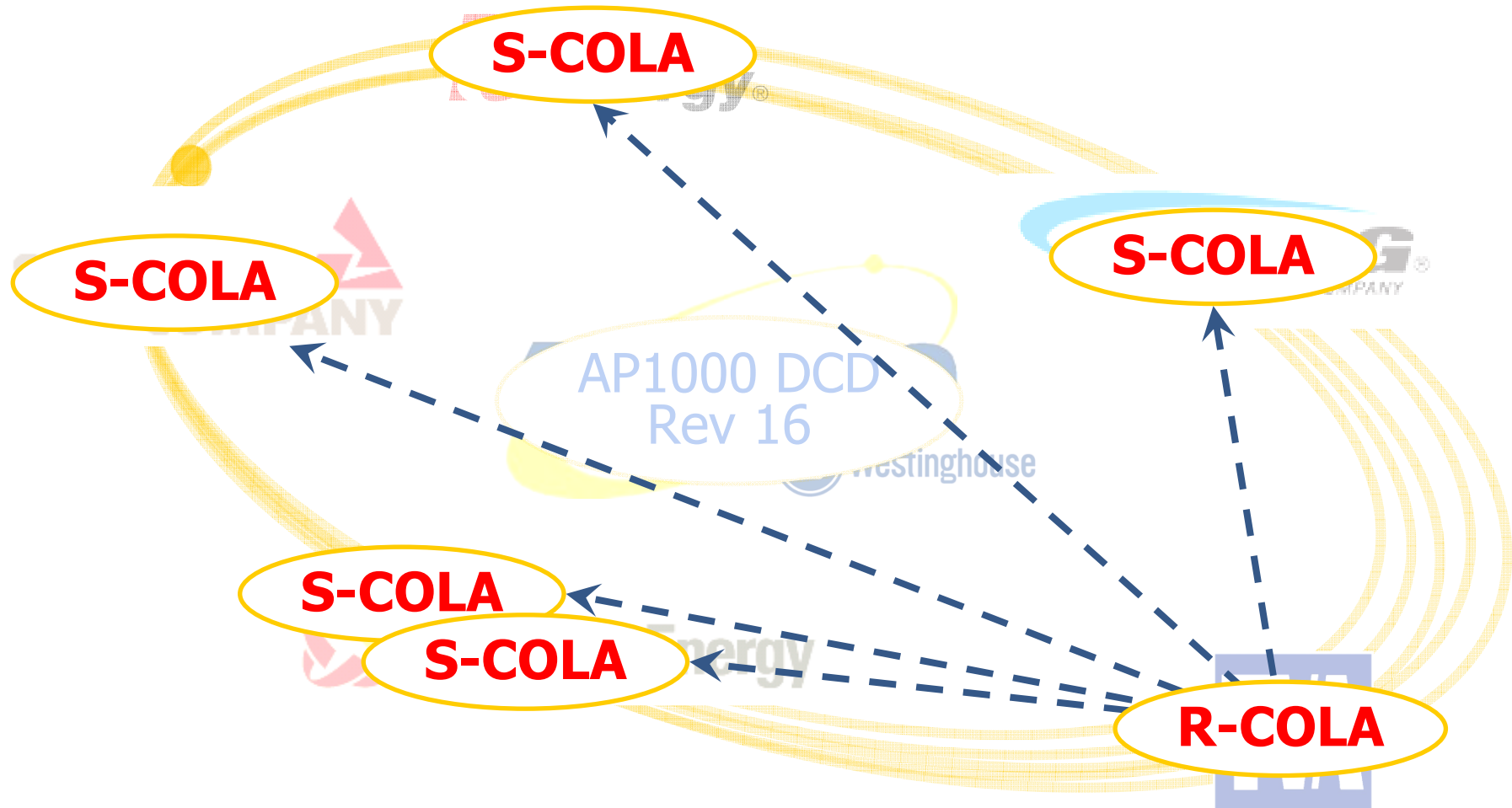
Bob Kitchen (PGN)/NRC



Use of Standard Content



Use of Standard Content (cont'd)



Levy Nuclear Plant

SITE LOCATION



Site Location



Site Location



Levy Nuclear Plant

COLA CONTENT



Levy COLA Contents

- ❑ Cover Letter
- ❑ Part 1 – General & Financial Information
- ❑ Part 2 – Final Safety Analysis Report
- ❑ Part 3 – Environmental Report
- ❑ Part 4 – Technical Specifications
- ❑ Part 5 – Emergency Plan
- ❑ Part 6 – Limited Work Authorization Request
- ❑ Part 7 – Departures and Exemptions
- ❑ Part 8 – Safeguards/Security (under separate cover)
- ❑ Part 9 – Withheld Information (SUNSI)
- ❑ Part 10 – Proposed License Conditions & ITAAC
- ❑ Part 11 – QAPD

Application Navigation

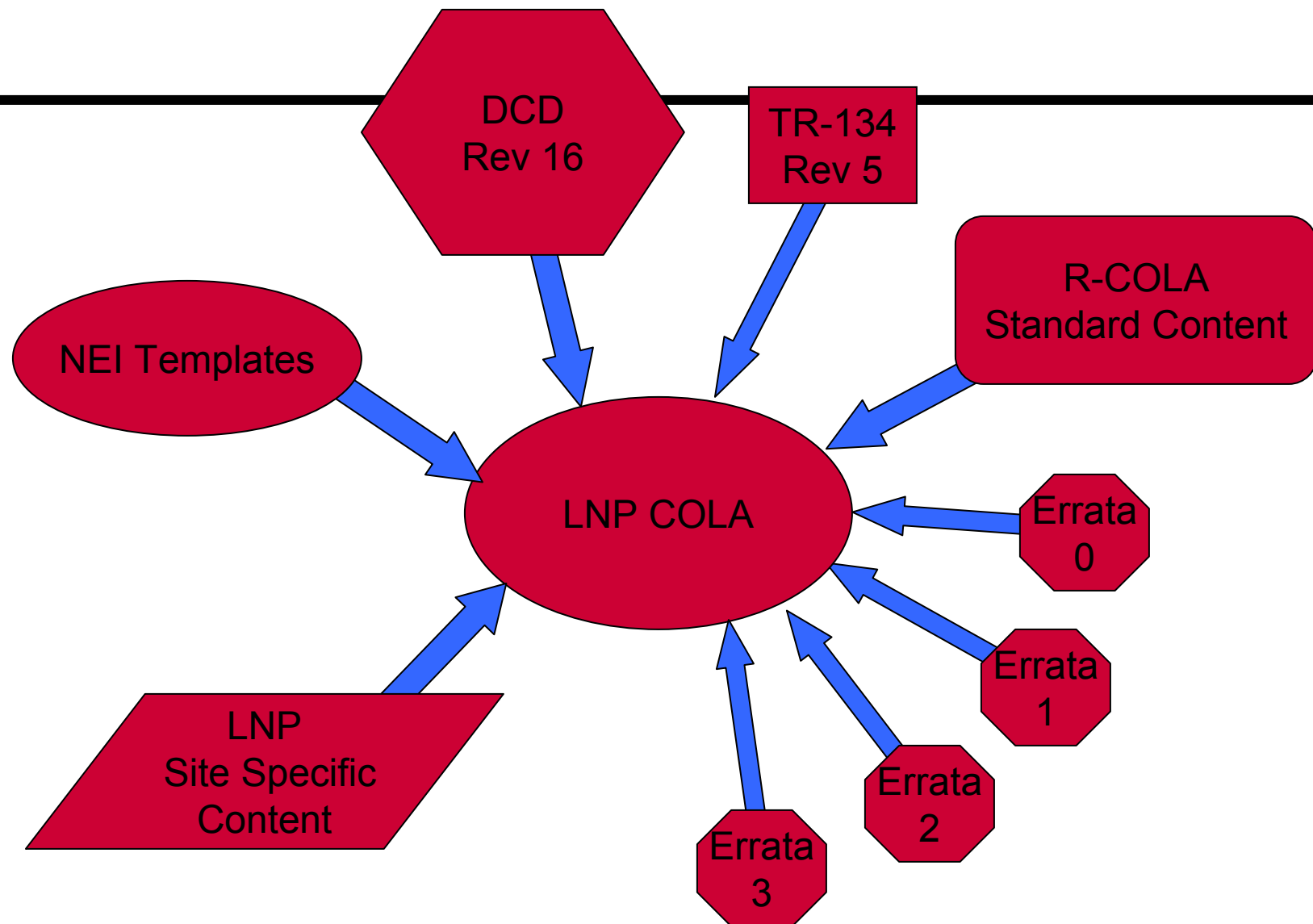
- ❑ Organization
 - ❑ Each part is a single file, except FSAR, ER, Part 6
 - ❑ FSAR Chapters are separate files
 - ❑ FSAR Chapter 2 and ER Appendices and figures are separate files
- ❑ Links and search capability
 - ❑ ER to FSAR cross references
 - ❑ Cross references to DCD (TOC Level)
 - ❑ Tables and Figures
 - ❑ Reference List
 - ❑ Internal subsection cross-references for FSAR, ER, EP

Part 1 Administrative & Financial - Examples

- ❑ General Information (10 CFR 50.33)
- ❑ Applicant Corporate information
 - ❑ Business Description and Management
 - ❑ Owner/Operator/Constructor relationships
 - ❑ Organization and Management
 - ❑ Directors and Principal Officers
- ❑ Financial Qualifications for Construction
 - ❑ Progress Energy Financial Assets
 - ❑ Contains Proprietary / Business Sensitive Info (included in Part 9)
- ❑ Decommissioning funding
 - ❑ 10 CFR 50.75

Part 2 Final Safety Analysis Report

- ❑ COL application based on incorporation by reference of DCD Rev 16 plus TR 134 (DCD Rev 16 impacts)
- ❑ “IBR” = Incorporation By Reference
 - ❑ DCD Rev 16
 - ❑ TR 134 Revs 0 through 5
- ❑ FSAR based on R-COLA standard content, with minor exceptions



Part 3 Environmental Report (ER)

- Details describing COLA ER to follow FSAR discussion later in this presentation

Part 4 Technical Specifications

- ❑ IBR of DCD Generic Technical Specifications (GTS) and Bases – no departures or exemptions
- ❑ COL item
 - ❑ fill in brackets
 - ❑ Brackets completed for known information
- ❑ Some brackets remain
 - ❑ Proposed License Condition in Part 10
- ❑ Section A includes information on GTS brackets
- ❑ Section B includes a full set of PSTS and Bases

Part 5 – Emergency Planning Information

- ❑ Site specific licensee Emergency Plan
- ❑ Includes Certifications and Cross-references
- ❑ State and local plans in supplemental information
- ❑ Evacuation Time Estimate
- ❑ EP ITAAC in Part 10

Part 6 – Limited Work Authorization

- ❑ Limited Work Authorization requested for Levy
- ❑ Site Redress Plan in Part 6 addresses scope of LWA activities requested
- ❑ LWA Environmental Report in Part 6

Part 7 – Departures and Exemptions

❑ Exemptions (2)

- ❑ Exemption for fitness for duty program description per Part 26 revised rule
 - ❑ Exemption request anticipates NEI 06-06 template
 - ❑ Levy FSAR will commit to NEI 06-06 when approved by NRC
- ❑ COLA organization and numbering per NRC guidance

❑ Departures (1)

- ❑ STD DEP 1.1-1
 - ❑ Administrative departure for organization and numbering for the FSAR sections

Part 8 - Safeguards Information

- ❑ Separate Submittal
 - ❑ Security Plans
 - ❑ Not discussed in this public meeting

Part 9 – Withheld Information

- ❑ Part 9 Index
 - ❑ Public version [redacted] identifies complete information in Part 9
 - ❑ Part 1 contains financial information withheld per 10 CFR 2.390(a)(4) (SUNSI)

Part 10 – Proposed License Conditions & ITAAC

- ❑ Proposed License Conditions to:
 - ❑ Incorporate ITAAC into COL
 - ❑ Complete Holder items prior to initial fuel load at latest
 - ❑ COL Holder Items in FSAR Chapters 3, 4, 5, 6, 9, 10, 13, 14, 19
 - ❑ Implement Operational Programs by specific milestones in 13.4
 - ❑ Provide Fire Protection Program revision criteria
 - ❑ Provide Security Program revision criteria
 - ❑ Provide Operational Program Readiness schedule
 - ❑ Provide Vendor AE Constructor qualifications
 - ❑ Provide Startup Program revision criteria
 - ❑ Complete bracketed items in Tech Specs
 - ❑ Incorporate Environmental Protection Plan
- ❑ Draft Environmental Protection Plan
- ❑ ITAAC – Security, Plant Specific, Emergency Planning

Part 11 – QAPD

- ❑ Quality Assurance Program Description
 - ❑ Addressed in FSAR Section 17.5
 - ❑ QAPD based on NRC-approved NEI 06-14A template
 - ❑ Site-specific (bracketed) information completed

Levy Nuclear Plant

FSAR DESCRIPTION



Chapter 1 Introduction and General Description of the Plant

Section	DCD Use	Additional Areas
1.1 Introduction	Essentially IBR of DCD	• Presents license and LWA requests. • Provides construction schedule.
1.2 Plant Description		Provides plant layout
1.3 Comparison w/other sites		No additional info beyond DCD
1.4 Agents and Contractors		Discusses relationship with Westinghouse, Sargent & Lundy, CH2MHill and others
1.5 Add'l Technical Info		No additional info beyond DCD
1.6 Material Referenced		Includes NEI templates refs and AP1000 IBR
1.7 Drawing & other info		Includes table of site specific drawings
1.8 Standard design interfaces		• Summary of departures & location • Location of COL information items • Addition of COL information item on Cyber Security
1.9 Compliance w/ RGs & SRP	Mainly IBR and STD	Later RGs and GSIs in Tables 1.9-201, 1.9-202, 1.9-204, App. 1AA
1.10 Construction Impact on existing units	Mainly STD	Site specific construction info

Chapter 2 Site Characteristics

Section	DCD Use	Additional Areas
2.0 Site Characteristics		Comparison of Levy site characteristics to DCD site parameters
2.1 Geography and Demography		Levy site description
2.2 Nearby Industrial, Transportation, and Military facilities		Levy 1 and 2 site specific chemicals, hazards analysis of pipelines and transportation
2.3 Meteorology		Control Room X/Qs, Met program description, Roof snowloads
2.4 Hydrologic Engineering		Design of stormwater mgmt system, Flood protection One hour-one square mile PMP per TR134 Addressed tsunami & hurricane effects
2.5 Geology, Seismology, & Geotechnical Info		Detailed geotechnical, geologic and seismic site evaluation, foundation improvement design considerations

Chapter 3 Design of Structures, Components, Equipment & Systems

Section	DCD Use	Additional Areas
3.1 Conformance w/GDC	IBR of DCD with addition of STD and site-specific information	No additional info beyond DCD
3.2 SSC Classification		Address site-specific seismic and safety-related system classification (e.g., RCC)
3.3 Wind & Tornado loadings		Shows Levy site is enveloped by DCD
3.4 Flood Level		Shows Levy site is enveloped by DCD
3.5 Missile Protection		Shows Levy site is enveloped by DCD
3.6 Protection from pipe rupture		Commitment to complete pipe hazard analysis prior to fuel load of piping, etc
3.7 Seismic design		Site specific discussion of GMRS and FIRS
3.8 Cat 1 Structure design		References back to 2.5.4 for overburden and embedment information
3.9 Mechanical Systems and Components		• Provides various maintenance programs • Reconcile as built to hazards analysis • MOV and snubber IST program descrip
3.10 Seismic Qualification		No additional info beyond DCD
3.11 Environmental Qualification		Maintenance of files in auditable form

Chapter 4 - Reactor

Section	DCD Use	Additional Areas
Sections 4.1 through 4.6	IBR of DCD and STD	Most COL items closed by DCD Revision 16
COL Holder Item 4.4-2		Confirm Assumptions for Safety Analyses Departure from Nucleate Boiling Ratio Limits (License Condition in Part 10)

Chapter 5 Reactor Coolant and Connected Systems

Section	DCD Use	Additional Areas
5.1 Summary Description	Essentially IBR of DCD and STD	No additional info beyond DCD
5.2 Integrity of Reactor Coolant Pressure Boundary		• Boric acid corrosion control program • ISI/IST program description of Class 1 components
5.3 Reactor Vessel		• Surveillance capsule program • COL items for RV insulation • Holder item for site specific pressure-temp curves for reactor vessel design
5.4 Component and Subsystem Design		Steam generator tube integrity program

Chapter 6 Engineered Safety Features

Section	DCD Use	Additional Areas
6.0 Engineered Safety Features	Essentially IBR of DCD and STD	No additional info beyond DCD
6.1 ESF Materials		• Review of vendor fabrication and welding procedures for austenitic stainless steels • Coating control program
6.2 Containment Systems		Containment Leak Rate Testing Program
6.3 Passive Core Cooling		Operating debris control program
6.4 Habitability Systems		Address mobile and stationary hazardous material sources Procedures and training commitment
6.5 Fission Product Removal and Control		Commitment to complete pipe hazard analysis prior to fabrication of piping, etc
6.6 Class 2 & 3 ISI		ISI Program Description for Class 2&3

Chapter 7 Instrumentation and Controls

Section	DCD Use	Additional Areas
Sections 7.1 through 7.7	IBR of DCD	COL items closed by DCD Revision 16 (e.g., 7.1-1, 7.1-2, 7.2-1)
		No COL Items closed in COL application and no COL Holder Items

Chapter 8 Electrical Power

Section	DCD Use	Additional Areas
8.1 Introduction	Essentially IBR of DCD	• General discussion of utility grid • Reserve auxiliary transformer information provided as site-specific supplemental information
8.2 Offsite Power System		• Transmission line and AC power design, testing, inspection plan • Discussion on transmission system mgmt • Switchyard Failure Modes and Effects Analysis • Grid stability analyses • Relationship between operations & PCC
8.3 Onsite Power System		• Onsite Standby Power System Performance, Testing, and Inspection • Testing of Containment Building Electrical Penetrations • Grounding System Considering Site Location • Site Lightning Protection • Site-specific references used

Chapter 9 Auxiliary Systems

Section	DCD Use	Additional Areas
9.1 Fuel Storage& Handling	Essentially IBR of DCD and STD	ISI for load handling systems
9.2 Water Systems		• Design of well & potable water system • Design of waste water retention basins • Design of service water system is per AP1000 design, not site-specific
9.3 Process Auxiliaries		Procedures for instrument air and safety related valve failures
9.4 Air Conditioning, HVAC		Program for compliance to HVAC standards
9.5 Other Auxiliary Systems		• Address fire protection features • Site-specific fire protection analysis for yard area and outlying buildings • Address communication system (including emergency offsite) interfaces to required offsite locations • Address the security communication system

Chapter 10 Steam and Power Conversion

Section	DCD Use	Additional Areas
10.1 Summary Description	Essentially IBR of DCD and STD	Erosion Corrosion Monitoring Program
10.2 Turbine Generator		Holder item – Develop a turbine maintenance and inspection program
10.3 Main Steam Supply		Chemical addition and IGSCC minimization
10.4 Other Features of Steam & Power Conversion System		Circ water system design

Chapter 11 Radioactive Waste Management

Section	DCD Use	Additional Areas
11.1 Source Terms	Essentially IBR of DCD and STD including NEI templates	No additional info beyond DCD
11.2 Liquid Waste Mgmt		•Site-specific description of blowdown piping configuration and WLS system release point •Offsite dose calcs, STD and site-specific Cost Benefit Analysis per RG 1.110*
11.3 Gaseous Waste Mgmt		Offsite dose calcs, STD and site-specific Cost Benefit Analysis per RG 1.110*
11.4 Solid Waste Mgmt		Process Control Program
11.5 Radiation Monitoring		ODCM program description template

Chapter 12 Radiation Protection

Section	DCD Use	Additional Areas
12.1 Assuring ALARA	Essentially IBR from DCD and NEI templates, and STD	ALARA NEI Template; Addresses 20.1406 issues
12.2 Radiation Sources		Additional sources handling
12.3 Rad Protection Design Features		• Administrative controls for design features control access to radiologically restricted areas • Criteria & methods for obtaining representative measurement of radiological conditions, particularly in work areas • Groundwater monitoring program • Documentation of operational events of interest for decommissioning
12.4 Dose Assessment		• Provides site-specific dose estimates to construction workers
12.5 Health Physics Facility Design		• Radiation Protection Program Description NEI Template; Addresses 20.1406 issues • LNP adopts AP1000 design for equipment, instrumentation and facilities

Chapter 13 Conduct of Operations

Section	DCD Use	Additional Areas
13.1 Organizational Structure	Essentially IBR from DCD, and NEI templates and STD	LNP provides high level site organization with site-specific positions
13.2 Training		Industry Training Program NEI Template
13.3 Emergency Planning		Site-specific Emergency Plan in COLA Part 5
13.4 Operational Programs		Provides various operational programs implementation milestones
13.5 Plant Procedures		•Description of procedures for normal, abnormal, and emergency activities •Site-specific titles used for plant staff in bullet on standing orders
13.6 Security		•Reference to security plans and programs •COL Holder item added for cyber security program (TR134 R5)
13.7 Fitness for Duty		Reference to NEI template for const & ops
13.AA Construction Organization		Provides construction organization details
13.BB Std Supplement for Cold License		13BB deleted due to incorporation of cold license training in NEI 06-13A, Revision 1

Chapter 14 Initial Test Program

Section	DCD Use	Additional Areas
14.1 Specific info in FSAR	Essentially IBR of DCD and STD	No additional info beyond DCD
14.2 Specific info in Standard SAR		• Organization and Staffing – LNP site-specific organizational titles used • Conduct of test program • Review and evaluation of test results • Testing interface requirements • First-plant-only and three-plant-only tests • Test program schedule added as STD Errata
14.3 Certified Design Material		• Supplemental description of ITAAC screening • Site-specific ITAAC described for Nuclear Island foundation improvement
14.4 COL Applicant Responsibilities		Responsibilities for above items

Chapter 15 Accident Analysis

Section	DCD Use	Additional Areas
15.1 Increase in Heat Removal from Primary System	Entirely IBR of DCD, except for 15.7	No additional info beyond DCD
15.2 Decrease in Heat Removal by Secondary System		No additional info beyond DCD
15.3 Decrease in Reactor Coolant System Flow Rate		No additional info beyond DCD
15.4 Reactivity & Power Distribution Anomalies		No additional info beyond DCD
15.5 Increase in Reactor Coolant Inventory		No additional info beyond DCD
15.6 Decrease in Reactor Coolant Inventory		Bounded by DCD X/Qs
15.7 Radioactive Release		Radioactive release from tank rupture – resolved in FSAR Sec 2.4.13
15.8 Anticipated Transients Without Scram		No additional info beyond DCD
15A Eval Models & Parameters for Analysis of Rad Conseq of Acc		Bounded by DCD X/Qs

Chapter 16 Technical Specifications

Section	DCD Use	Additional Areas
16.1 Technical Specifications	Essentially IBR	Provided in Part 4
16.2 Design Reliability Assurance Prog		No additional info beyond DCD
16.3 Investment Protection		Control the operability of investment protection SSCs

Chapter 17 Quality Assurance (Construction and Operations)

Section	DCD Use	Additional Areas
17.1 QA During Design & Construction	Essentially IBR of DCD	Program of contractors. Limited info req'd as agreed by NRC and NEI
17.2 QA During the Operations Phase		DCD points to 17.5
17.3 QA During Design, Procurement, Fabrication, Inspection, and/or Testing		No additional info beyond DCD
17.4 Design Reliability Assurance Program		No additional info beyond DCD
17.5 Quality Assurance Program		New program based on NEI template
17.6 Maintenance Rule Program		IBR NEI template

Chapter 18 Human Factors Engineering

Section	DCD Use	Additional Areas
18.1 Overview	Essentially IBR except as noted	No additional info beyond DCD
18.2 Human Factors Eng Prog Mgmt		Location of the EOF and TSC
18.3 – 18.8 Human Factor Analysis Chapters		•No additional info beyond DCD, except in 18.6 (Staffing) – focuses on minimum staffing levels •TSC and OSC location per DCD rather than STD and site-specific information as in R-COLA
18.9 Procedure Development		No additional info beyond DCD
18.10 Training Program Development		Standard information
18.11 HFE Verification and Validation		No additional info beyond DCD
18.12 Inventory		No additional info beyond DCD
18.13 Design Implementation		No additional info beyond DCD
18.14 Human Performance Monitoring		Description of process after operation

Chapter 19 – Probabilistic Risk Assessment

Section	DCD Use	Additional Areas
Sections 19.1 through 19.58	IBR of DCD	No additional info beyond DCD
19.59 - PRA Results and Insights	Essentially IBR of DCD	• Provides conclusion of evaluation that generic PRA is adequate for plant specific PRA • Provides standard COL information for: • Implementation of severe accident management guidance • PRA configuration control • COL Holder items

Levy Nuclear Plant

ENVIRONMENTAL REPORT OVERVIEW



COL Application Part 3 – Environmental Report

- ❑ Provides information needed for NRC review per NUREG-1555
- ❑ Also reflects lessons learned from:
 - ❑ LR and ESP environmental reviews
 - ❑ NRC pre-application site visits
 - ❑ C1 visit August 2007
 - ❑ C2 visit January 2008
 - ❑ C3 visit May 2008
- ❑ Chapter, Section (X.Y) & Subsections (X.Y.Z) per NUREG-1555 format



**Levy Site
Aerial View**



Levy Site



Units 1 & 2
Make Up
Pumphouse
Barge
Slip

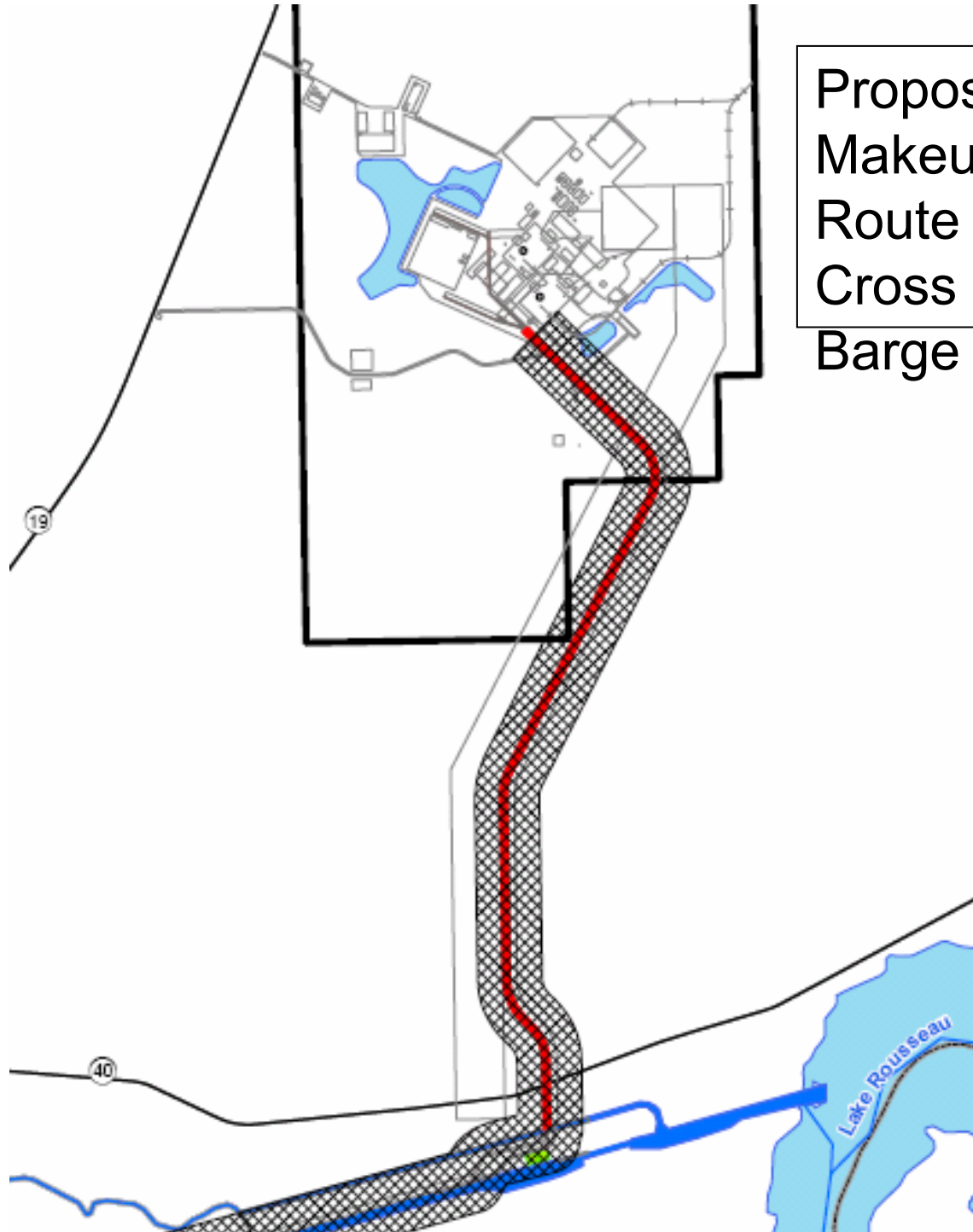
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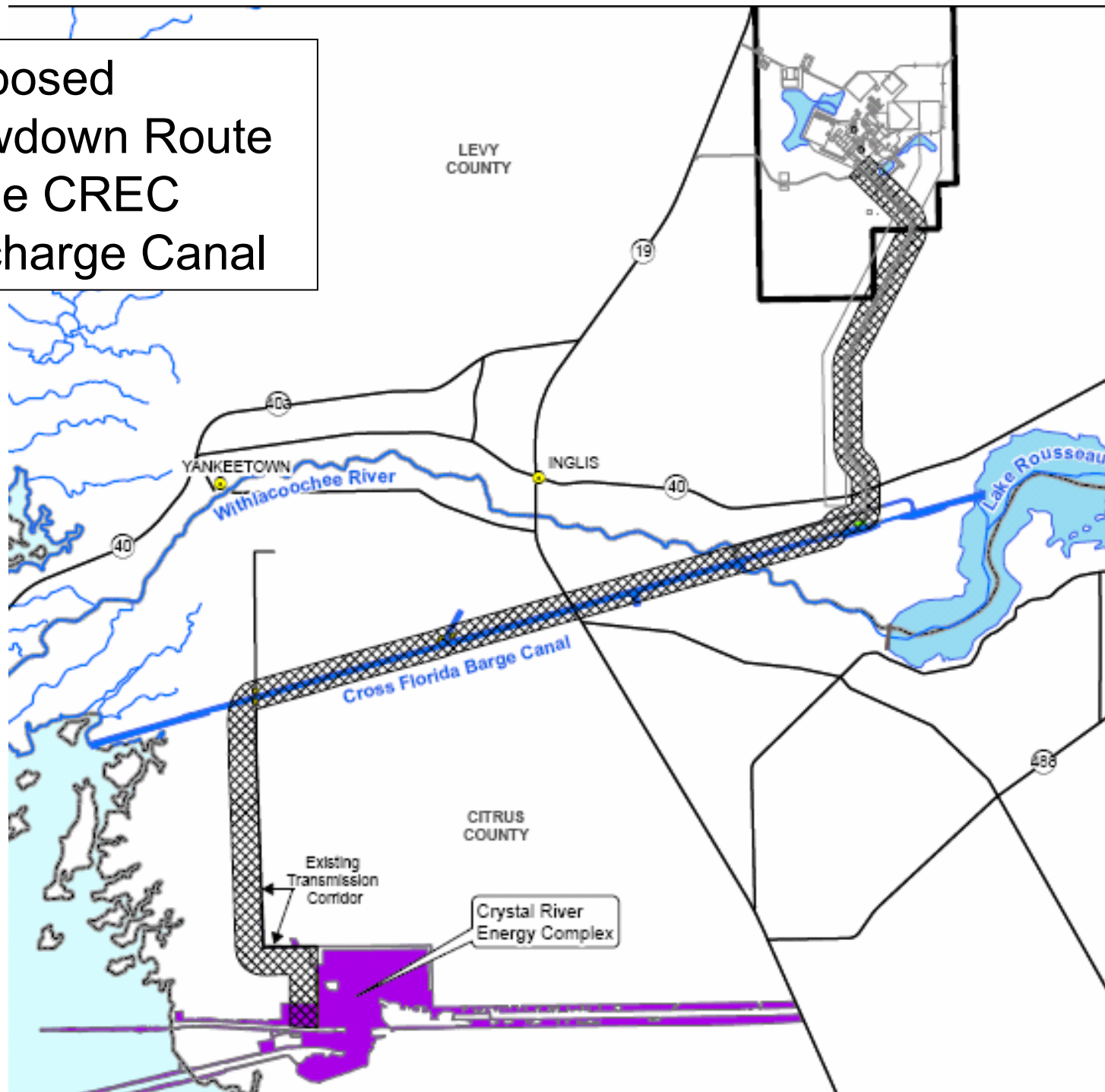
Makeup / Blowdown for Closed Cycle Cooling

- ❑ The Levy Nuclear Plant proposes to have a makeup water intake structure on the Cross Florida Barge Canal and use salt water drawn up the canal from the Gulf of Mexico for the closed cycle mechanical draft cooling towers
- ❑ The cooling water intake structure will be designed to meet CWA 316(b) Phase I rules to minimize impingement and entrainment of aquatic organisms
- ❑ The blowdown from the cooling towers is proposed to be routed to the Gulf of Mexico via the discharge canal at the Crystal River Energy Complex

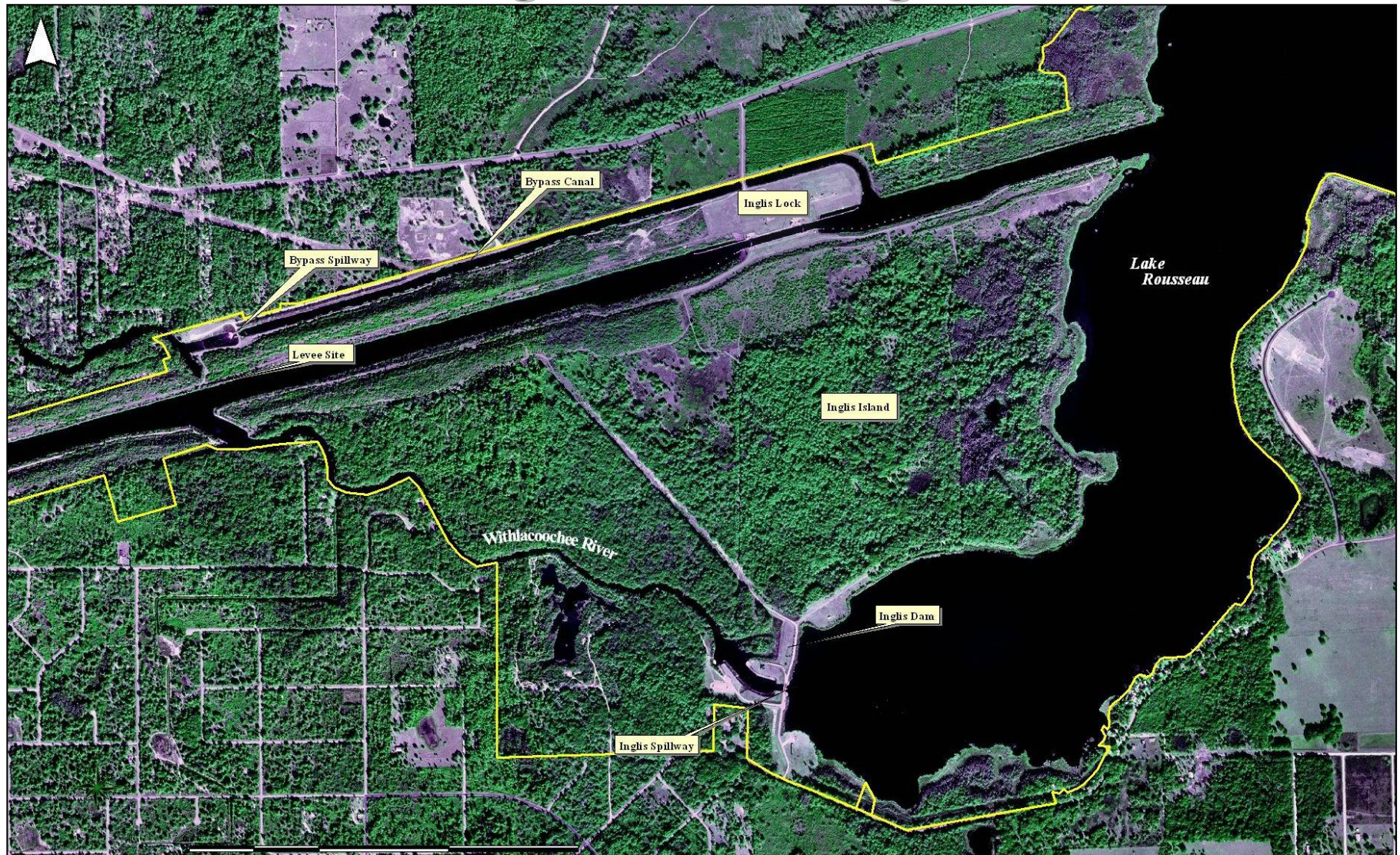
Proposed
Makeup Water
Route from the
Cross Florida
Barge Canal



Proposed
Blowdown Route
to the CREC
Discharge Canal



Cross Florida Barge Canal at Inglis Lock



**Cross-Florida Barge Canal
Looking East Toward Lake**



**Cross-Florida Barge Canal
Looking West Toward Gulf**



COLA ER and the Florida PPSA SCA

- ❑ The proposed Levy Nuclear Plant is subject to the requirements of both the NRC's COLA process and Florida's Power Plant Siting Act (PPSA)
- ❑ The COLA Environmental Report (ER) and the PPSA Site Certification Application (SCA) have very similar information requirements, except that the SCA imposes some additional requirements

COLA ER and the Florida PPSA SCA

- ❑ Progress Energy developed the ER and the SCA together to support federal and state requirements (the PPSA notes that the NRC ER may be used to address certain SCA issues)
- ❑ Progress Energy submitted the SCA (which included the ER) on June 2, 2008
- ❑ The same ER was submitted as Part 3 of the COLA on July 30, 2008

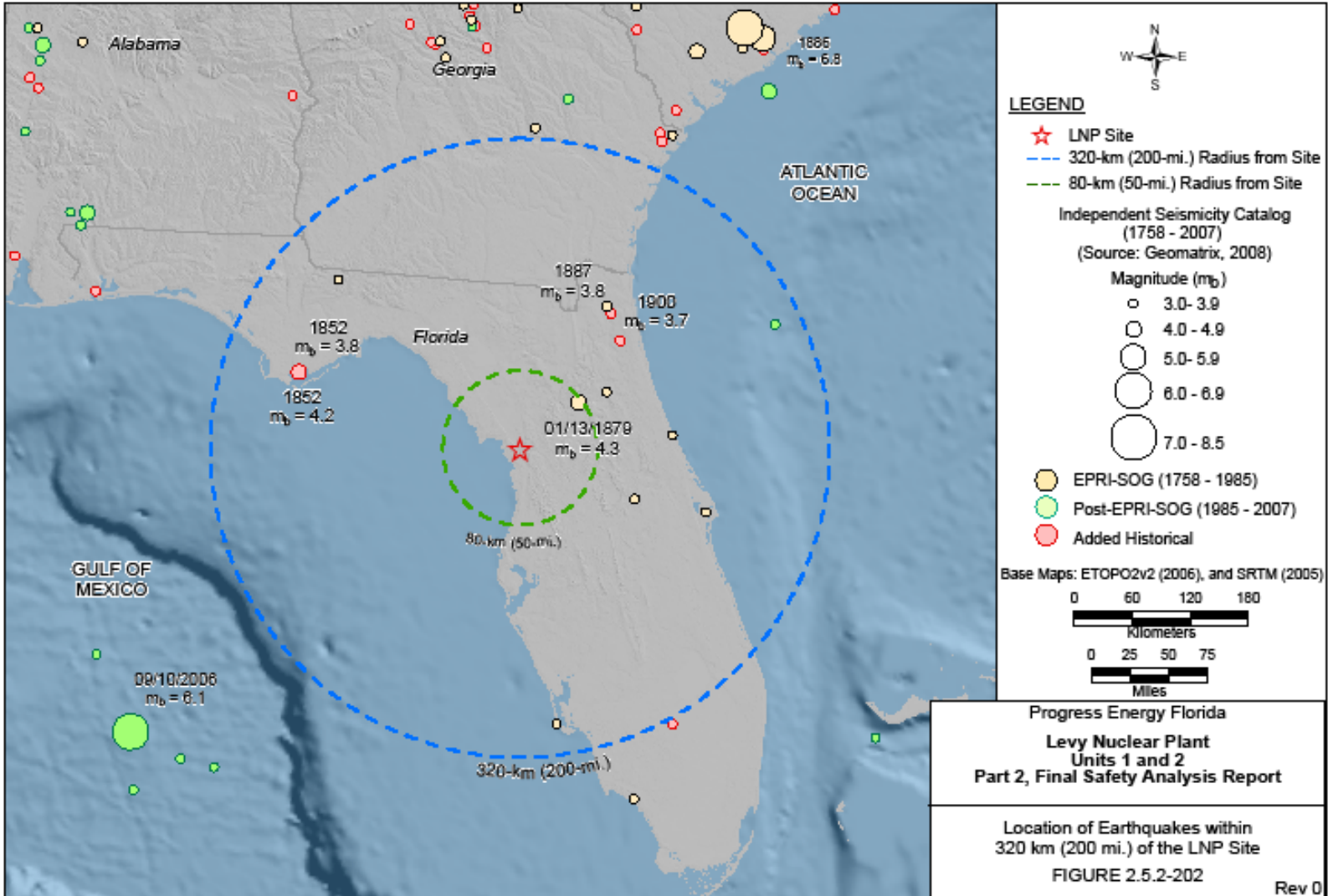
US Army Corps of Engineers / NRC Interface

- ❑ Section 404 of the Federal Water Pollution Control Act of 1972
- ❑ Army Corps tiers off of a complete NRC EIS prepared for both the LWA & COL
 - ❑ NRC lead agency
 - ❑ Army Corps cooperating agency
- ❑ Complete NRC EIS provides Army Corps basis for record of decision on 404 Permit

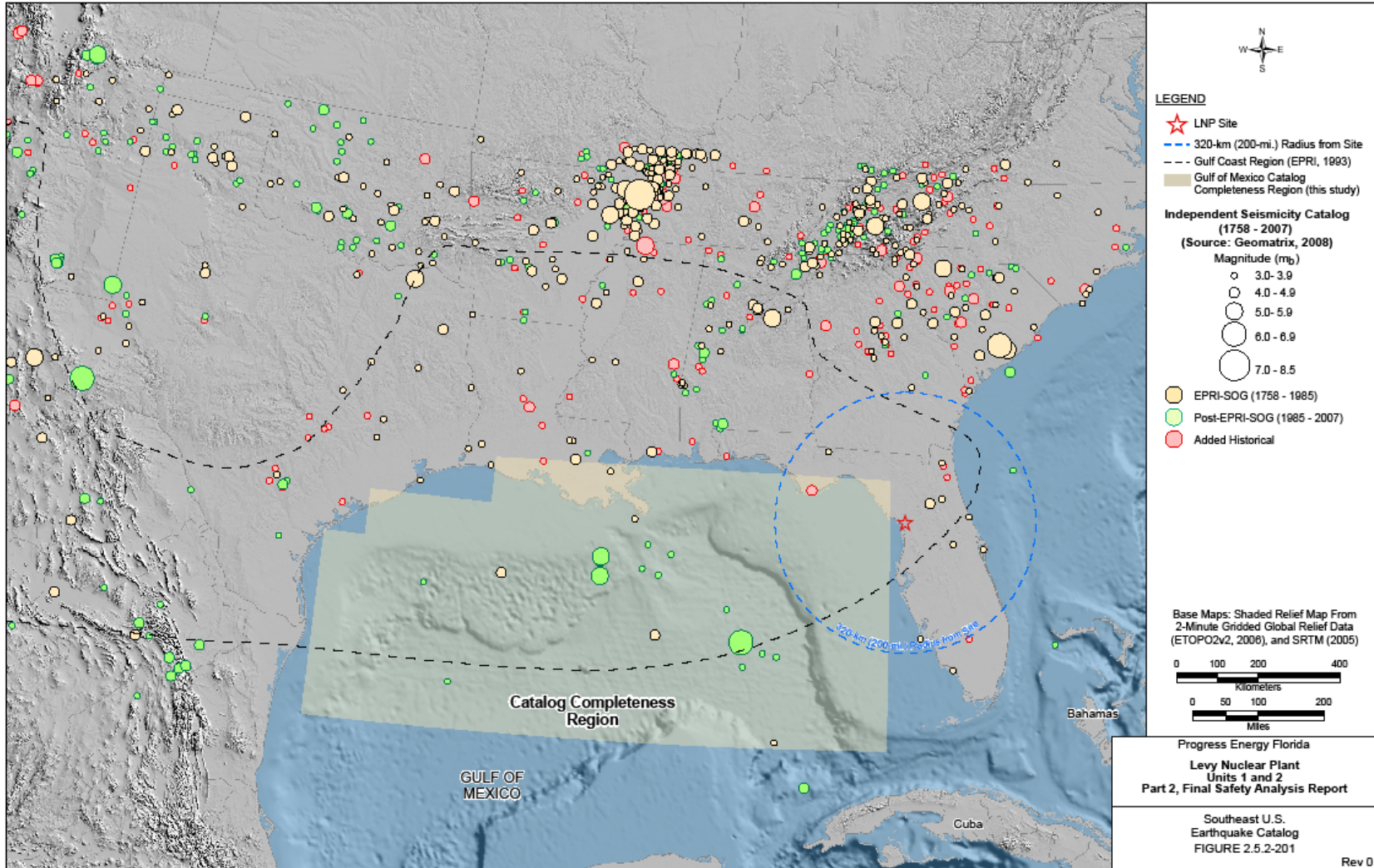
Levy Nuclear Plant

SEISMIC CHARACTERIZATION





LNP COL 2.5-2



Vibratory Ground Motion

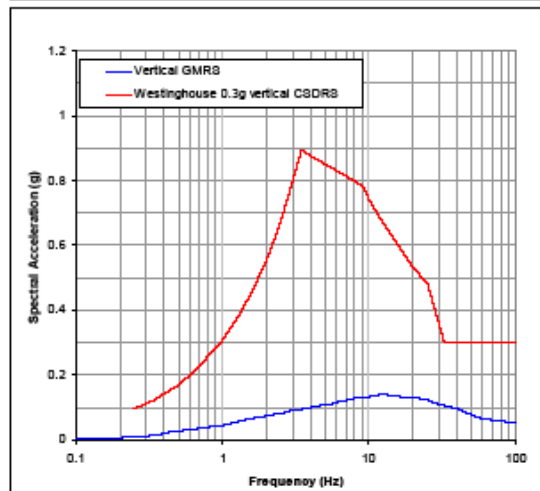
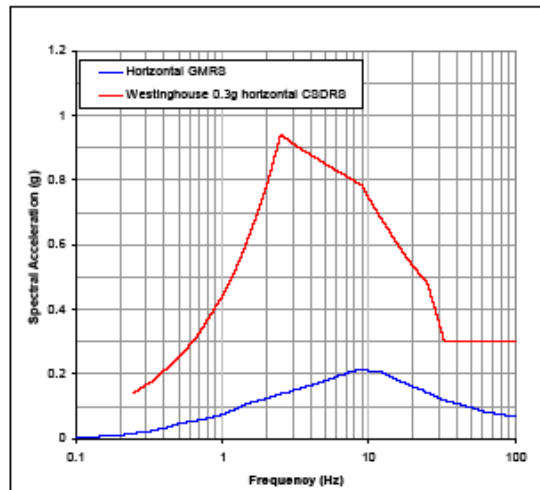
- ❑ PSHA Model Update
 - ❑ Used Updated Charleston Seismic Source (UCSS) Model
 - ❑ Developed for the Vogtle Site
 - ❑ Updated EPRI-SOG seismic sources
 - ◆ Adjusted Mmax in Gulf Coast sources to account for 2006 Gulf of Mexico earthquakes
 - ◆ Added contribution to hazard from Gulf of Mexico Seismicity
- ❑ GMRS - 0.07g ZPA
 - ❑ GMRS defined at top of competent material

Site Uniformity

- ❑ RCC Bridging Mat above Rock
- ❑ Shear Wave Velocity > 2500 fps
 - ❑ Dip ~2 degrees
 - ❑ One geologic unit to depth below 120'
 - ❑ 15% variation of V_s between boreholes for Unit 1
 - ❑ 20% variation of V_s between boreholes for Unit 2

Soil Structure Interaction

- ❑ No Site-Specific SSI Required
 - ❑ GMRS Bounded at ground surface
0.07g vs. 0.3g
 - ❑ Uniform Site
- ❑ Westinghouse Performed Confirmatory SSI Study
 - ❑ Levy soil profile, RCC and Drilled Shafts for adjacent buildings.
 - ❑ In Structure Spectra bounded at 6 DCD Locations
 - ❑ Max relative displacement between buildings = 0.05 in



Progress Energy Florida
 Levy Nuclear Plant
 Units 1 and 2
 Part 2, Final Safety Analysis Report

Horizontal and Vertical
 GMRS for the LNP Site

FIGURE 2.5.2-296

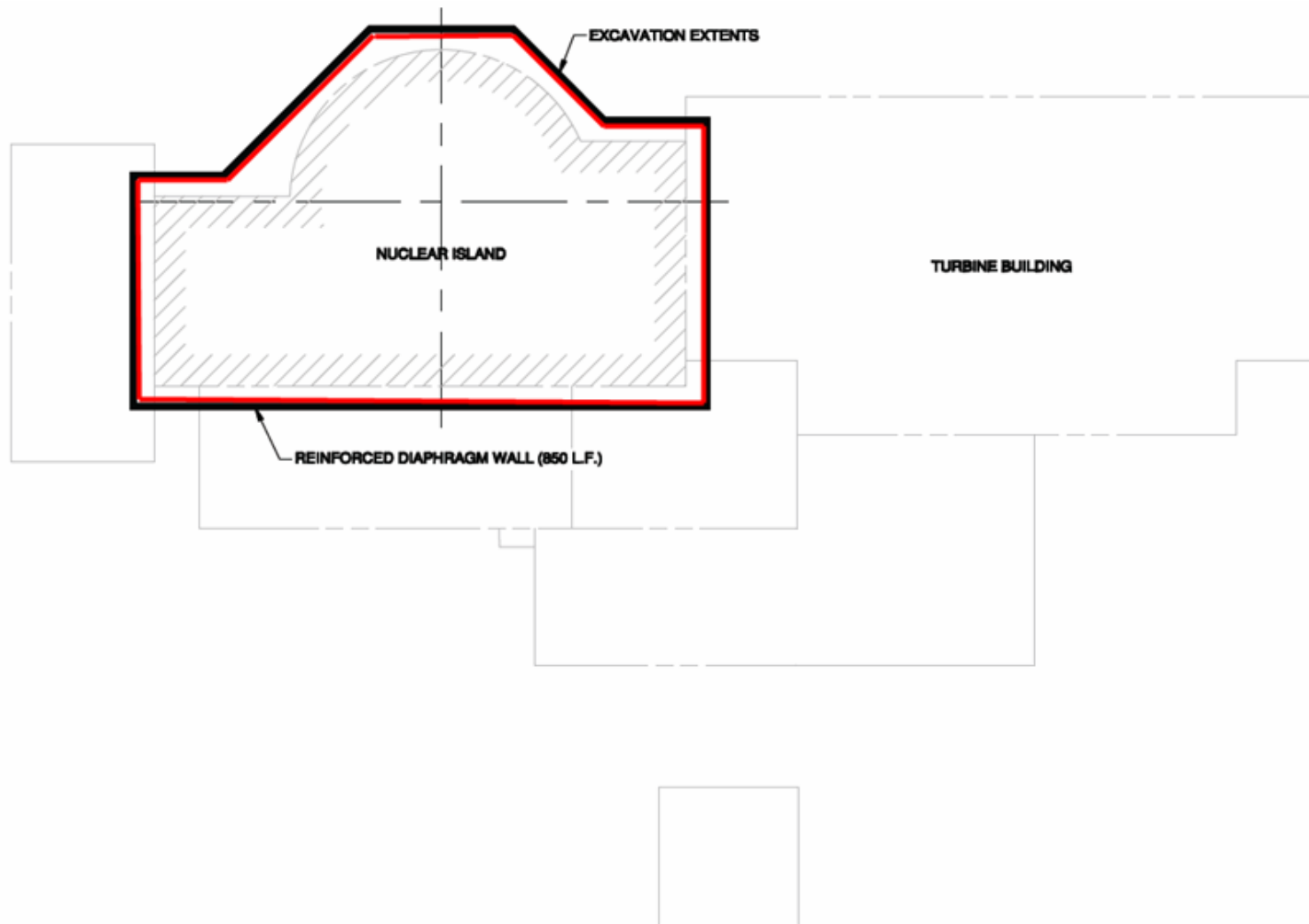
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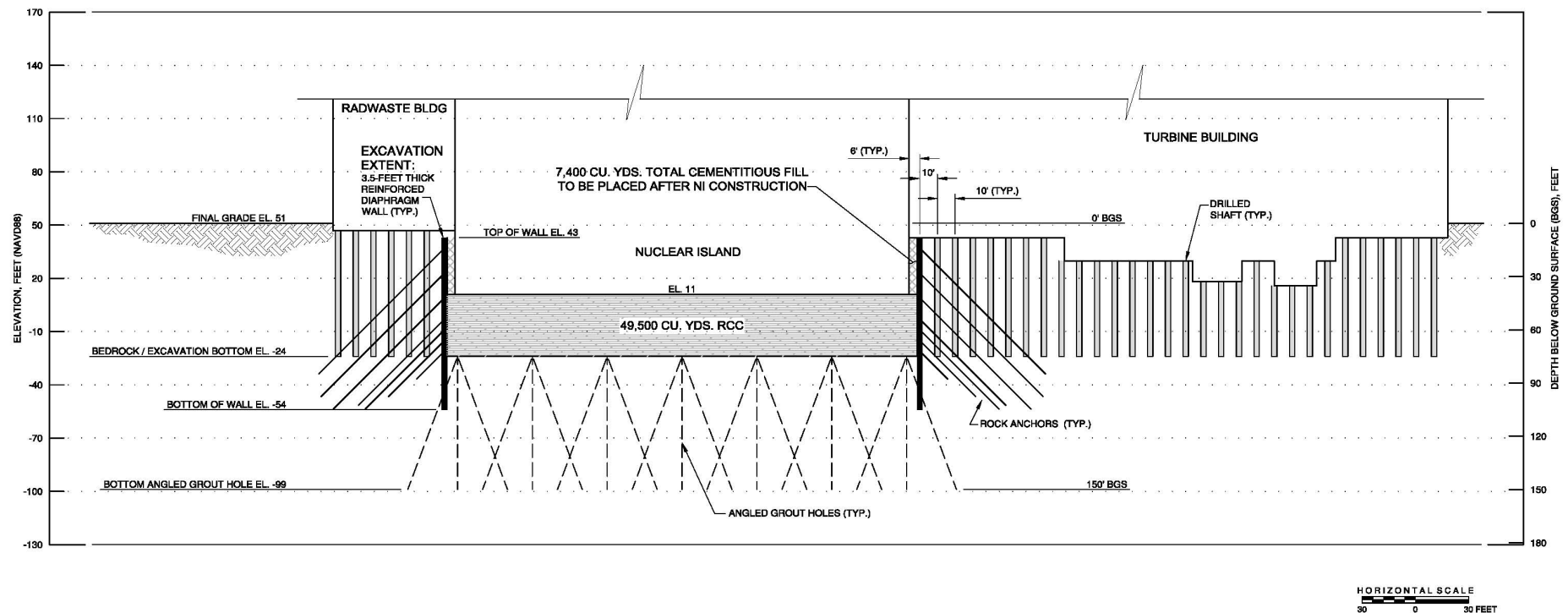
FOUNDATION DESIGN CONCEPT / CONSTRUCTION



Foundation Concept – Plan View



Foundation Concept – Section



Levy Nuclear Plant

LIMITED WORK AUTHORIZATION SCOPE



LNP Foundation Excavation Sequence

- ❑ Construct groundwater cutoff for the “walls of the bathtub”
- ❑ Conduct Grouting Program to form the “bottom of the bathtub”
- ❑ Install the shallow wells to “drain the bathtub”
- ❑ Excavate the soil in the “bathtub” down to the Avon Park

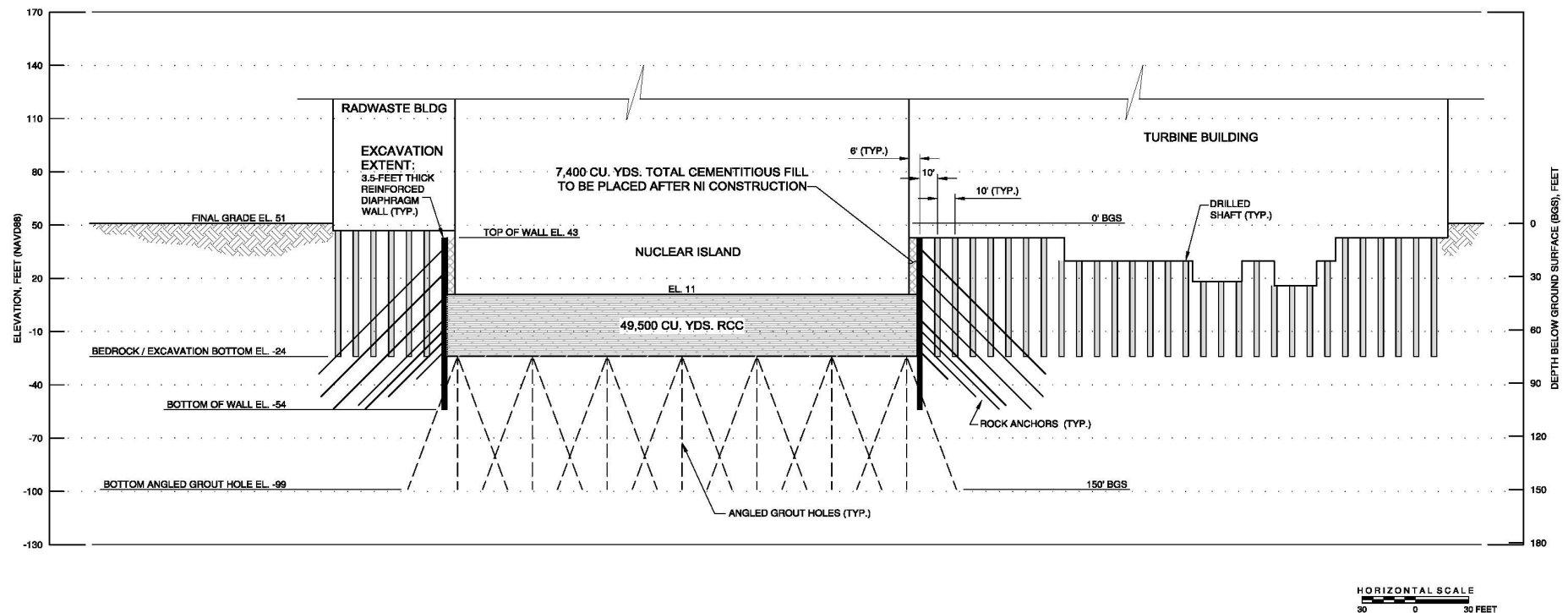
LNP Foundation Construction Sequence

- ❑ Prepare the top of the Avon Park
 - ❑ Use dental concrete (and possibly grout) to prepare surface to receive RCC
- ❑ Construct the RCC Bridging Mat
- ❑ Install the waterproofing on the RCC Bridging Mat
- ❑ Place the mud mat to protect the membrane
- ❑ Construct the AP1000 Basemat
- ❑ Place Cementitious Fill

LWA Scope

- ❑ Prepare nuclear island foundation surface
- ❑ Place roller compacted concrete
- ❑ Install waterproofing membrane
- ❑ Install mud mat
- ❑ Install forms & rebar in the nuclear island foundation
- ❑ Install drilled shafts
 - ❑ Turbine, Annex and Radwaste Building foundation
- ❑ Install circulating water piping*
- ❑ Install raw water intake structure*

Foundation Concept – Section



LWA Road Map

COLA Part 2 - FSAR

- Section 1.1 - Introduction
 - ▶ Statement that LWA is requested
- Table 1.1-203 - Schedule for Construction and Operation
 - ▶ Schedule for LWA work start (2nd quarter of 2010).
- Subsection 2.5.4.5 – Excavations & Backfill
 - ▶ Provides a list of the activities covered by the LWA.
- Section 13.7 - Covers Fitness for Duty
 - ▶ States that the construction phase of the Fitness for Duty program will be implemented for the work performed under the LWA.

LWA Road Map

COLA Part 6 – LWA & Site Redress Plan

Site Redress Plan

- Section 1.3 – LWA Activities

LWA Environmental Report

- ER 2.0 - Describes the existing environment that will be affected by construction
- ER 4.1 thru 4.4 - Impacts attributable to LWA related activities are included in the cumulative and other environmental impacts
- ER 4.6 including Table 4.6-2 - Construction & Pre-Construction Related Impacts
- ER 4.8 Activities requested by LWA

Levy Nuclear Plant COL Application Overview

Questions?

