

NRC Regulatory Information Conference

— New Plants – When, Not If

March 8, 2005



In the Past Year

- Two industry consortia pursuing combined licenses (COL)
- Substantial 2005 funding committed to NP 2010
- Majority of industry CEOs open to new nuclear
- Media buzz
 - WSJ cites nuclear momentum
 - Forbes says “Nukes are Back”
- Record levels of public support
- President Bush’s call for “safe, clean nuclear energy”

In the Past Year (cont.)

- AP1000 Final Design Approval
- ESP application reviews on track
- Progress on NRC Construction Inspection Program
- Agreement on Emergency Planning ITAAC
- Draft COL application guidance completed and provided to NRC (NEI 04-01)
 - Detailed discussions underway

Principal Industry Activities

- Develop realistic financing approaches that address corporate, investor issues
- Achieve common understanding of NRC licensing process
 - COL application and NRC review issues (NEI 04-01)
 - Part 52 rulemaking
 - COL process, construction inspection and ITAAC implementation issues (NEI 06-01)
- Support ongoing ESP applicants and AP1000 design certification

Draft NEI 04-01

Guidance for COL Applicants

Objective

NRC-endorsed COLA guidance to support expected near-term license applications and NP-2010 goals

Draft NEI 04-01

Scope and Status

Contents

1. Introduction
2. Definitions and Terminology
3. COLA Overview and Timeline
4. COLA Requirements, including
 - General and Financial Info
 - Final Safety Analysis Report
 - Plant specific PRA
5. Pre-COL Phase Activities
6. Change Process

Work-in-Progress

- Vehicle for discussion of COLA issues
- “Base Case” licensing scenario:
 - COLA references both DC and ESP
 - Light water reactor
- Emphasis on what’s new/unique about COL
- Monthly public meetings to discuss NRC comments
 - Feb. 2 kickoff meeting
- Provide NEI 04-01, Rev. 0, by 12/05 for NRC endorsement

Figure 4-1
NEI 04-01

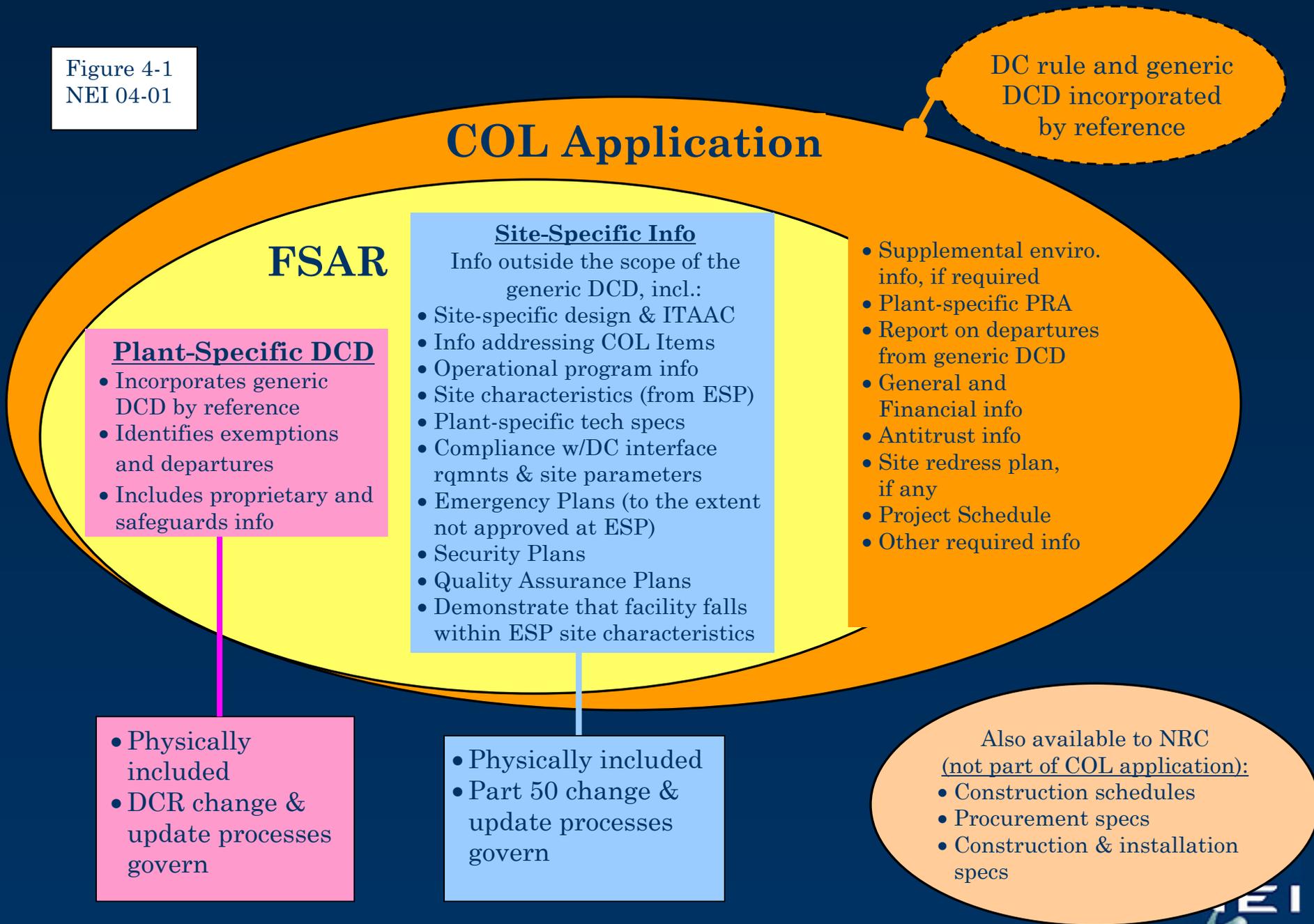
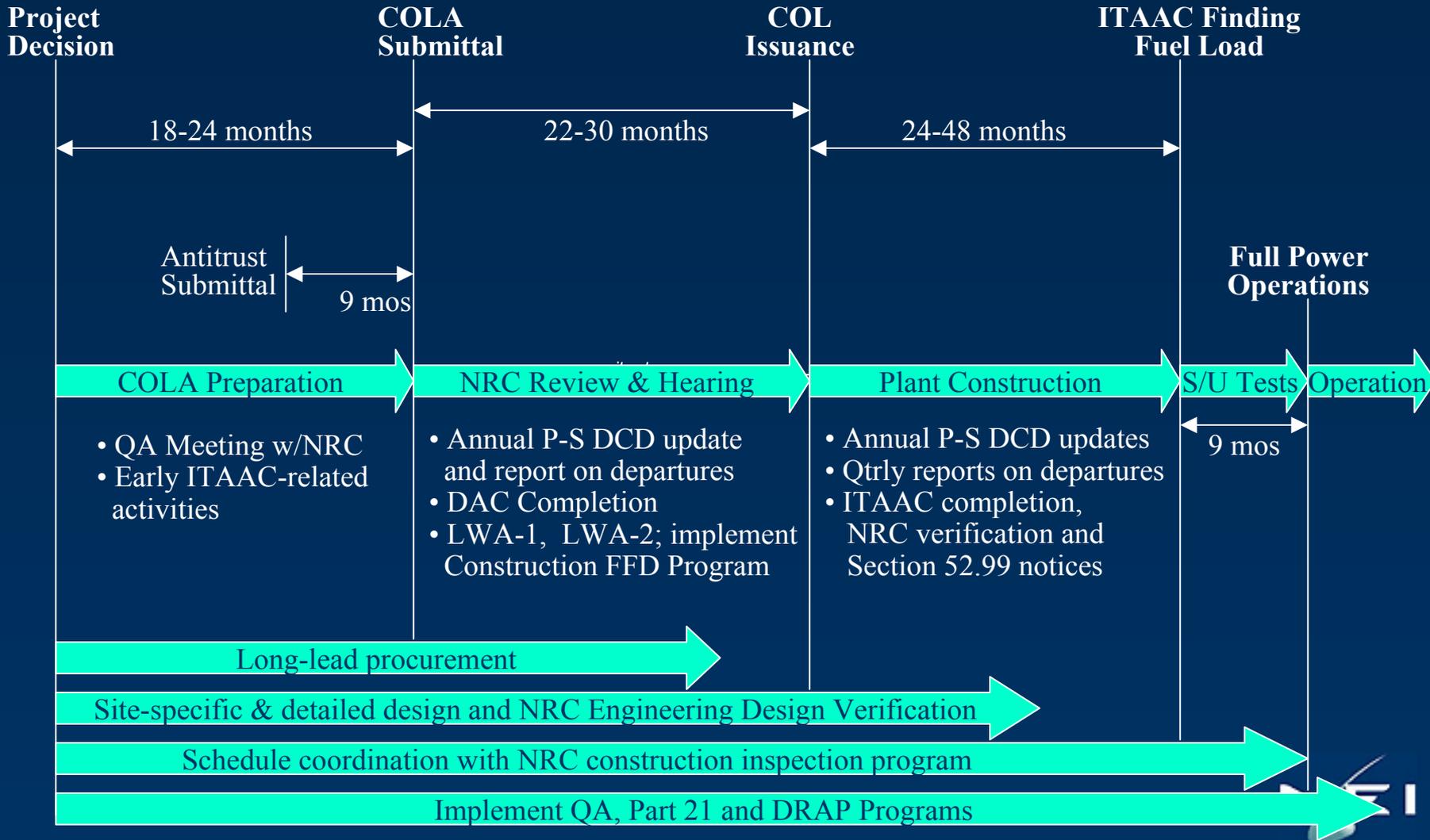


Figure 3-1 – Overview and Timeline of COLA-Related Activities

This figure provides an overview of the COL process from project decision to plant operation. The figure depicts key milestones, concepts, processes and relationships discussed in NEI 04-01.



Special COLA Topics

- ESP-COL interface issues
- Operational Program Descriptions in FSAR
- Site-specific design ITAAC
- Plant-specific tech specs
- Quality Assurance and Reliability Assurance
- Human Factors Engineering
- PRA Information

Provide guidance to supplement SRP in key areas

The Year Ahead

- Resolve key COL application and review issues, including programmatic ITAAC
- Update of NEI 04-01 based on NRC discussions and preliminary NRC endorsement
- Part 52 rulemaking
- AP1000 design certification
- Completion of ESP safety and environmental reviews