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# *UniStar Pre-Application Meeting: COLA - Early Review Topics*

*UniStar Nuclear and the NRC*

*May 2, 2006*



# Early Submittal: Objectives

- **Discuss topics for early review**
- **Provide the approach and planned content of these topics**
- **Provide an early review submittal schedule and continuing interactions**

# Early Submittal: Agenda

- **Objectives and Agenda** Joe Mihalcik
- **Introduction** Rod Krich
- **Quality Assurance (QA) Program** John Traynor
- **Security and Emergency Plans** George Wrobel
- **Limited Work Authorization (LWA)** Joe Mihalcik
- **Schedule and Summary** Joe Mihalcik
- **Next Steps** Rod Krich

# Early Submittal: Introduction

**Rod Krich**

**UniStar Nuclear, Senior Vice President – Regulatory Affairs**

# Early Submittal: UniStar Nuclear QA Program

**John Traynor**

**UniStar Nuclear, Director – Quality and Performance Improvement**

# Early Submittal: UniStar Nuclear QA Program

## Considering one Quality Assurance Program for Design, Construction and Operation

- **Based on NQA-1-1994 and the 1995 Addenda**
- **Takes into consideration final guidance issued by the NRC**
- **Submittal of Chapter 17 in the 3<sup>rd</sup> Quarter 2006 for early review and approval**
- **In the Interim, UniStar QA activities will be performed under a Vendor and/or Constellation Energy QA Program**
- **As progress is made, the NRC will be informed**

# Early Submittal: Security and Emergency Plans

**George Wrobel**

**UniStar Nuclear – COLA Project Manager**

# Early Submittal: Security Plan

- **Submit section 13.6 of the FSAR**
- **Applicable on an existing site or a green field site**
- **For existing site consider potential effects of new plant activities on operating units**
- **Participation in task forces and workshops**
- **Continue interaction with NRC and anticipate submittal by the end of the year**



# Early Submittal: Emergency Plan

- **Submit section 13.3 of the FSAR**
- **Applicable on an existing site or a green field site**
- **Consider potential effects of new plant activities on current Emergency Plan**
  - **evacuation times, roads, personnel**
- **New centroid - changes to 10-mile radius**
  - **new sirens, municipalities?**
- **Participation in task forces and workshops**
- **Continue interaction with NRC and anticipate submittal by the end of the year**

# Early Submittal: LWA

**Joe Mihalcik**

**UniStar Nuclear – Licensing Process Manager**

## WHY ?

### June 2007 - Anticipated Submittals Supporting LWA-1:

- **Environmental Report** Per NUREG-1555 Excluding SAMDA
- **Site Redress Plan** Returning the site to pre-existing conditions relative to LWA-1 planned activities
- **Site Characterization** FSAR Chapter 2

### December 2007 - Anticipated Submittals Supporting LWA-2:

- **Supplemental ER Information** Results of site-specific SAMDA
- **Relevant portions of FSAR Chapter 3** All relevant information needed to determine that planned work with respect to safety-related foundations has no remaining unresolved safety issues. Those portions of the FSAR directly related to the design and construction of safety-related foundations
- **Site Redress Plan** Returning the site to pre-existing conditions relative to LWA-2 planned activities

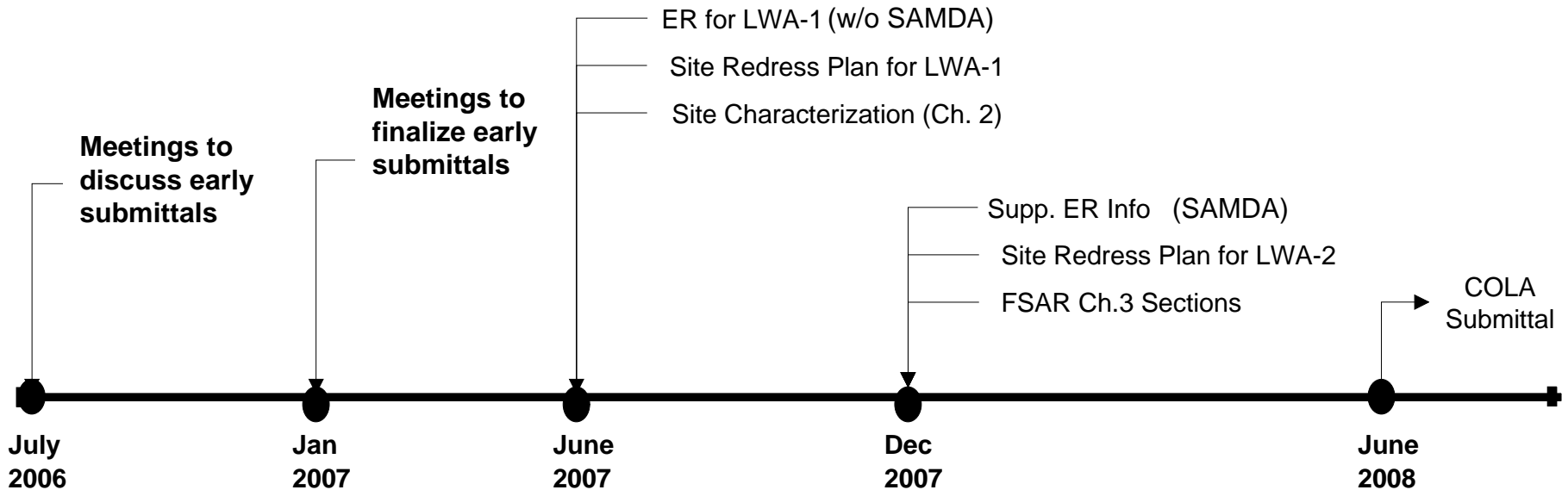
# Early Submittal: LWA

## Future Meetings

- **UniStar Nuclear will meet with the NRC for the propose of clarifying NRC needs in order to issue an LWA**
- **Anticipate a June 2007 submittal of a LWA-1 request**
- **Anticipate a December 2007 submittal of a LWA-2 request**

# Early Submittal: Timeline

## Submittals Supporting Limited Work Authorizations



***Preliminary***

# Proposed UniStar Nuclear Pre-Application Interactions / Early Submittals

Meeting Subject	Anticipated Timing
Quality Assurance Program chapter 17 interactions	June – Sept 2006
Quality Assurance Program chapter 17 early submittal	Sept 2006
Security Plan FSAR section 13.6 interactions	July – Nov 2006
Security Plan FSAR section 13.6 early submittal	Nov 2006
Emergency Plan section 13.3 interactions	July – Dec 2006
Emergency Plan section 13.3 early submittal	Dec 2007

***Preliminary***

# Proposed UniStar Nuclear Pre-Application Interactions / Early Submittals

Meeting Subject	Anticipated Timing
LWA – 1 interactions	July 2006 – June 2007
Sections supporting LWA – 1 submitted	June 2007
LWA – 2 interactions	Sept 2006 – Nov 2007
Sections supporting LWA – 2 submitted	Dec 2007

***Preliminary***

## **Presented UniStar Nuclear early review schedule**

- **Designed to provide topics that are:**
  - **Independent**
  - **Require the most NRC review effort (longest lead time)**
  - **Finalized early**
  - **Optimize NRC resource utilization**
  - **Achieve key UniStar COLA milestones efficiently**
  - **Support issuance of LWA-1 and LWA-2**
- **Early review will support our aggressive schedule by making efficient use of UniStar and NRC resources**



# Early Submittal: Next Steps

- **Document our planned actions in a letter to the NRC**
- **Looking for an NRC review schedule in response to our plan**