



Project Overview Slides

November 17, 2010

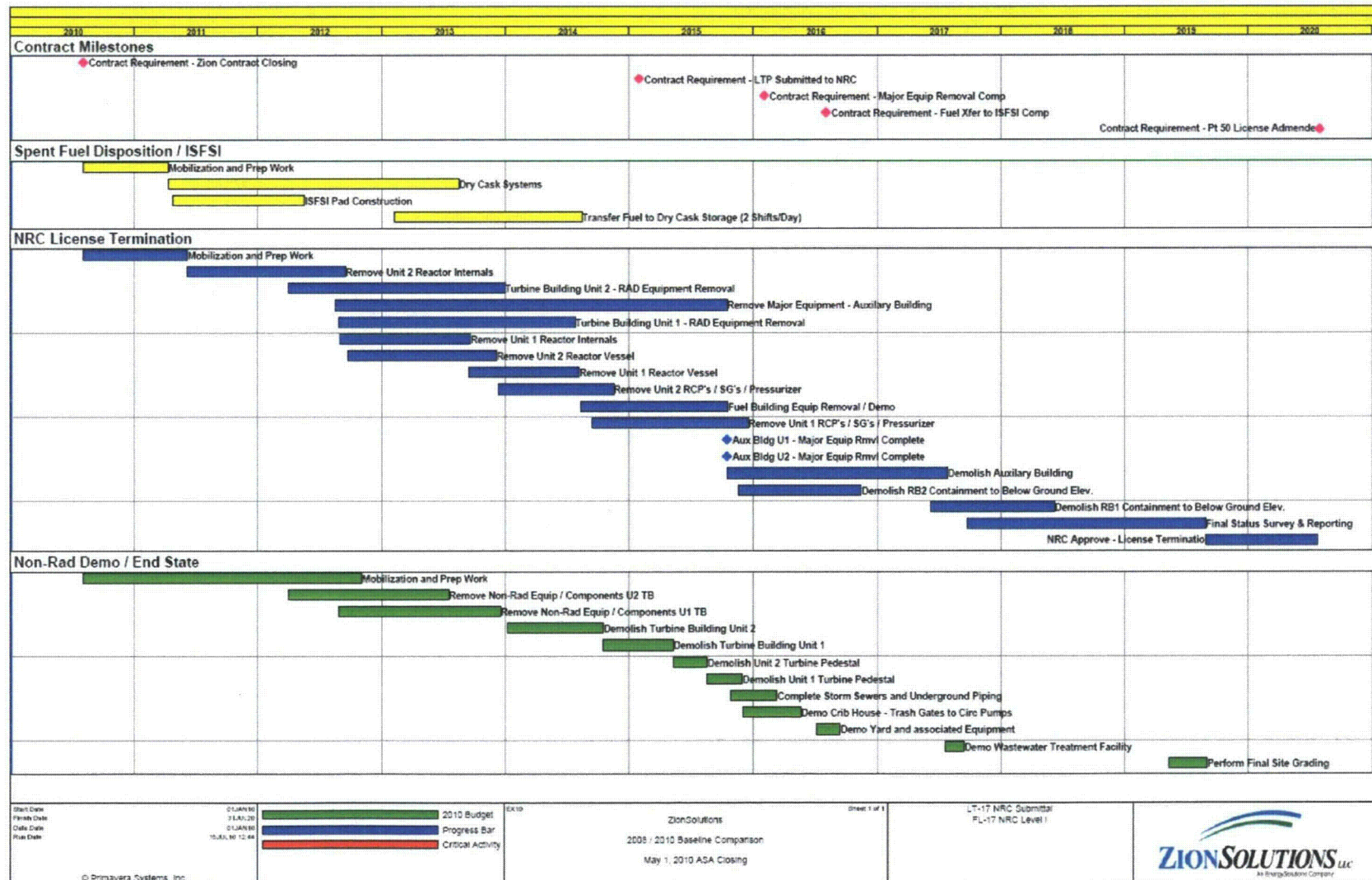
Closing of the Asset Sale Agreement

- ZionSolutions (ZS) and Exelon Closed on Sept. 1
- NRC transferred the 10 CFR 50 Licenses (LTA Order)
- The Trust Fund has been transferred to a new trust manager (Mellon)
- ZS currently staffing up to perform decommissioning work
- The Exelon site staff will remain under a lease agreement to support the plant ops/maint.

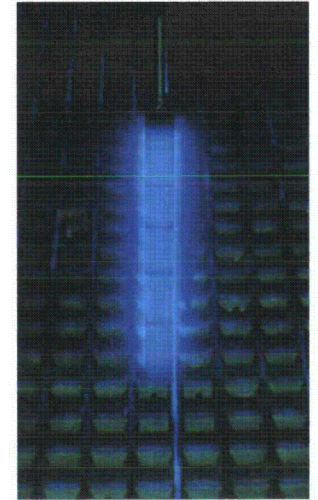
Asset Sale Agreement with Exelon Nuclear, EnergySolutions has;

- Acquired the assets of Zion Station
- Leased the land from Exelon
- Taken responsibility for spent nuclear fuel
- The NRC licensee for Zion Station
- Assumed all liabilities and obligations for decommissioning and site restoration, end state is the return the site to Exelon in 10 Years

Level One Schedule



- 3 Major Phases of work
 - Spent Fuel (wet to dry)
 - License Termination
 - Site restoration
- Critical path through the Reactor Vessels
- Highest cost scopes of work include the fuel campaign and reactor vessel segmentation
- Total duration is estimated to be 10 years





Power Reactor Security Rule Compliance



November 17, 2010

Agenda

- Introductions
- Purpose
- Project Overview
- Response to NRC Letter
- Exemption Request
- Security Plan Changes
- Future Zion ISFSI
- Summary

Attendees

- Eileen Moore – Security Manager
- Gerry van Noordennen – Licensing Consultant

Purpose of Meeting

- Discuss draft response to August 2, 2010 NRC letter
- Discuss draft exemption request to portions of 10 CFR 73.55 that are either not applicable to a plant undergoing decommissioning or conflict with previous exemptions

Response to NRC Letter

- ZionSolutions has made a good-faith effort to interpret and implement the new rule
- Assume all previous security exemptions are still valid under the new 73.55
- Created a compliance matrix that compares the new rule with the old version, discusses compliance and applicability to the Zion Nuclear Power Station
- Determine if there are any security or health and safety gaps
- Identify need for exemptions

Exemption Request

- Exemption Request Grouped by Specific Topics:
 - Cyber Security Program and Plan
 - Design Basis Threat
 - Force-on-Force
 - Target Sets
 - Performance Evaluation Program
 - Access Authorization

Exemption Request (cont.)

- Exemption Request Grouped by Specific Topics:
 - Insider Mitigation Program
 - Vital and Protected Areas
 - Part 26 Requirements
 - Training and Qualification Plan
 - Safeguards Contingency Plan
 - Appendix B Requirements

Exemption Request (cont.)

- Exemption Request Grouped by Specific Topics:
 - Physical Barrier Requirements
 - Isolation Zone
 - Waterway Approaches
 - Owner Controlled Area Searches
 - Restricted and Security Area Searches
 - Intrusion Detection

Exemption Request (cont.)

- Exemption Request Grouped by Specific Topics:
 - Alarm Stations
 - Illumination
 - Backup Power
 - Response Requirements
 - Suspension of Security Measures
 - Weapons Training
 - Personnel Equipment

Security Plan Changes

- Changes to reflect *Zion Solutions* submitted November 1, 2010
- Changes to reflect new exemption to be submitted 120 days after exemption is issued
- Assume Enforcement Discretion to continue until new exemption is implemented

Zion ISFSI

- Zion *Solutions* will transfer the spent fuel and GTCC waste to an onsite ISFSI located next to an existing Commonwealth Edison switchyard
- A security plan revision and revised exemption request are planned in the future once detailed design is completed



Summary

- Questions