



STATUS OF NEW REACTOR ISSUES

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Agenda

- Overview of New Reactor Status
- Environmental Reviews

Activities Update

- Completed
 - Two early site permits issued
 - Updated Standard Review Plan and Regulatory Guides
 - Staffing and Training
 - Technical Assistance Contracting framework

Activities Update

- On-going
 - Process for Early Resolution of Design Acceptance Criteria
 - ESBWR design certification review
 - Pre-Combined license interactions
 - Licensing Program Plan

Near Term Activities

- North Anna Early Site Permit
- Rulemaking
 - Part 52 (new reactor requirements)
 - Part 26 (fitness for duty)
 - Limited work authorization
 - Part 73 (security requirements)

Workload Forecast Changes

- TXU Power
 - US Advanced Pressurized Water Reactor
- Amarillo Power
 - Evolutionary Power Reactor
 - No early site permit
- Regulatory Issue Summary

Workload Forecast Changes

- FP&L
 - Turkey Point - Potential Site
- Ameren UE - Callaway Plant
 - Evolutionary Power Reactor

Environmental Reviews

- Environmental review process
- Lessons learned from early site permit reviews
- Preparation for combined license reviews
- Pre-application interactions
- Challenges

Environmental Review Process

- Scoping
- Draft Environmental Impact Statement
- Resolution of comments
- Final Environmental Impact Statement
- Hearing

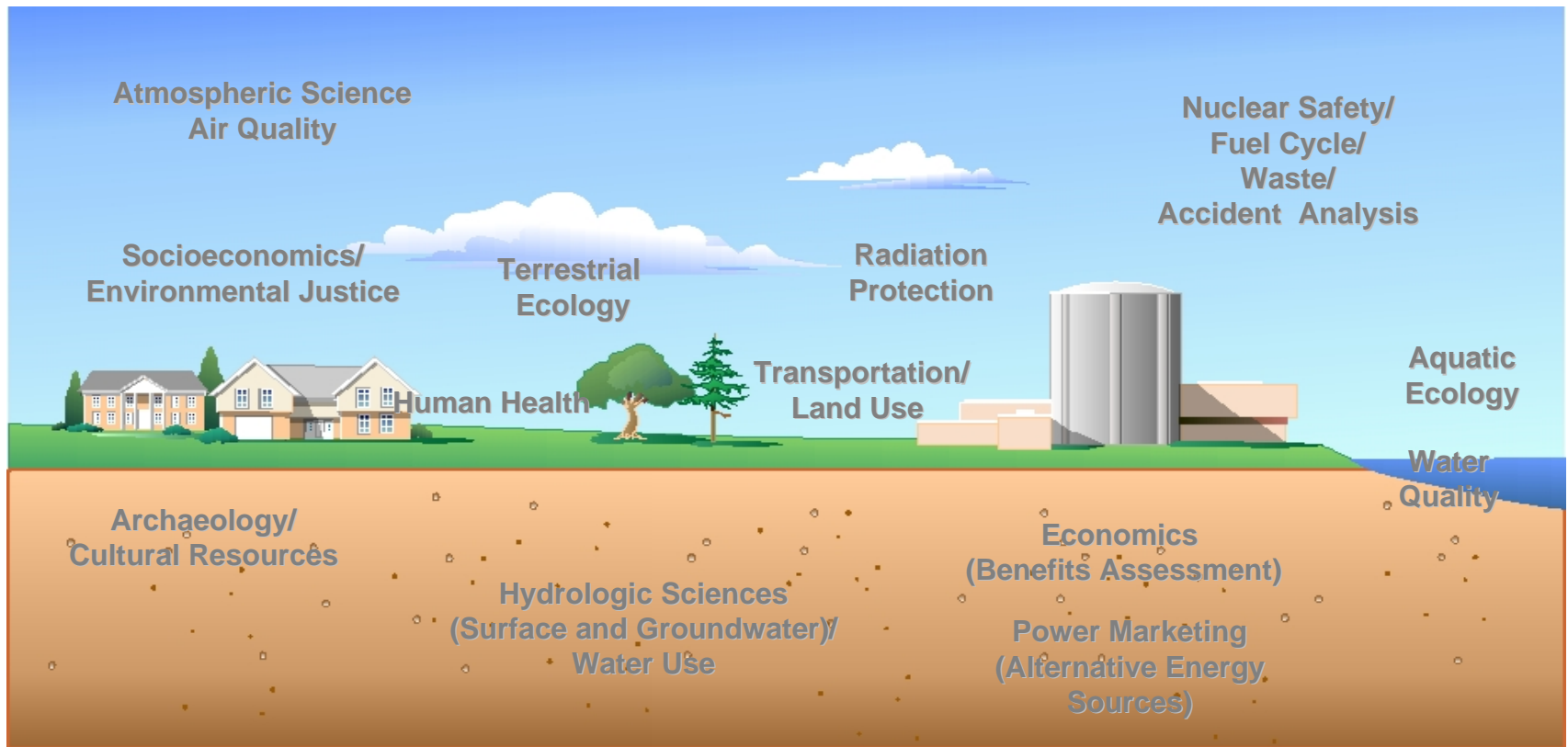
Lessons Learned from ESPs

- Applicant related issues
 - Quality of submittal
 - Timeliness of responses to requests for additional information
 - Timeliness of interactions with State agencies

Lessons Learned from ESPs

NRC staff related issues

- Training for staff and contractors



Lessons Learned from ESPs

NRC staff related issues

- Leveraging technical assistance contractors
- Use of site audits
- Improved comment capture/resolution
- Clearly articulated logic for positions
- Identification of variances from guidance

Preparation for Combined License reviews

- Contracts in place
- Interagency Agreements
- Updating Environmental Standard Review Plan (NUREG-1555)
- Knowledge Management

Status of Pre-Application Interactions

- Purpose
- Planned Activities
 - Bellefonte
 - Summer
 - Lee Station
 - Shearon Harris
 - South Texas

Challenges

- Staffing and training
- Guidance development related to Part 52 revisions
- Continuity of funding

Acronyms

- ESP – Early site permit
- ESBWR – Economic simplified boiling water reactor