



RIC 2010
Siting Safety & Environmental
Reviews – Looking Forward

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3/10/2010



NEI Early Site Permit (ESP) Task Force

- What and why
- Topics
- Process
- The PPE Concept
- Desired Outcomes
- Next Steps



NEI - ESP Task Force

- Reformed to support expected ESP applications
- Incorporating lessons learned from prior ESPs
- Developing tools to help standardize ESP applications
 - Improve efficiency of process
 - Consistency with Part 52
 - Increase certainty on site issues heading into COL applications
 - Commercial flexibility for applicants
- Consists of Broad Membership
 - Utilities planning to file ESPs
 - Utilities with approved ESPs
 - Vendors
 - Light Water Reactors with DCDs
 - Small/Modular Light Water Reactors



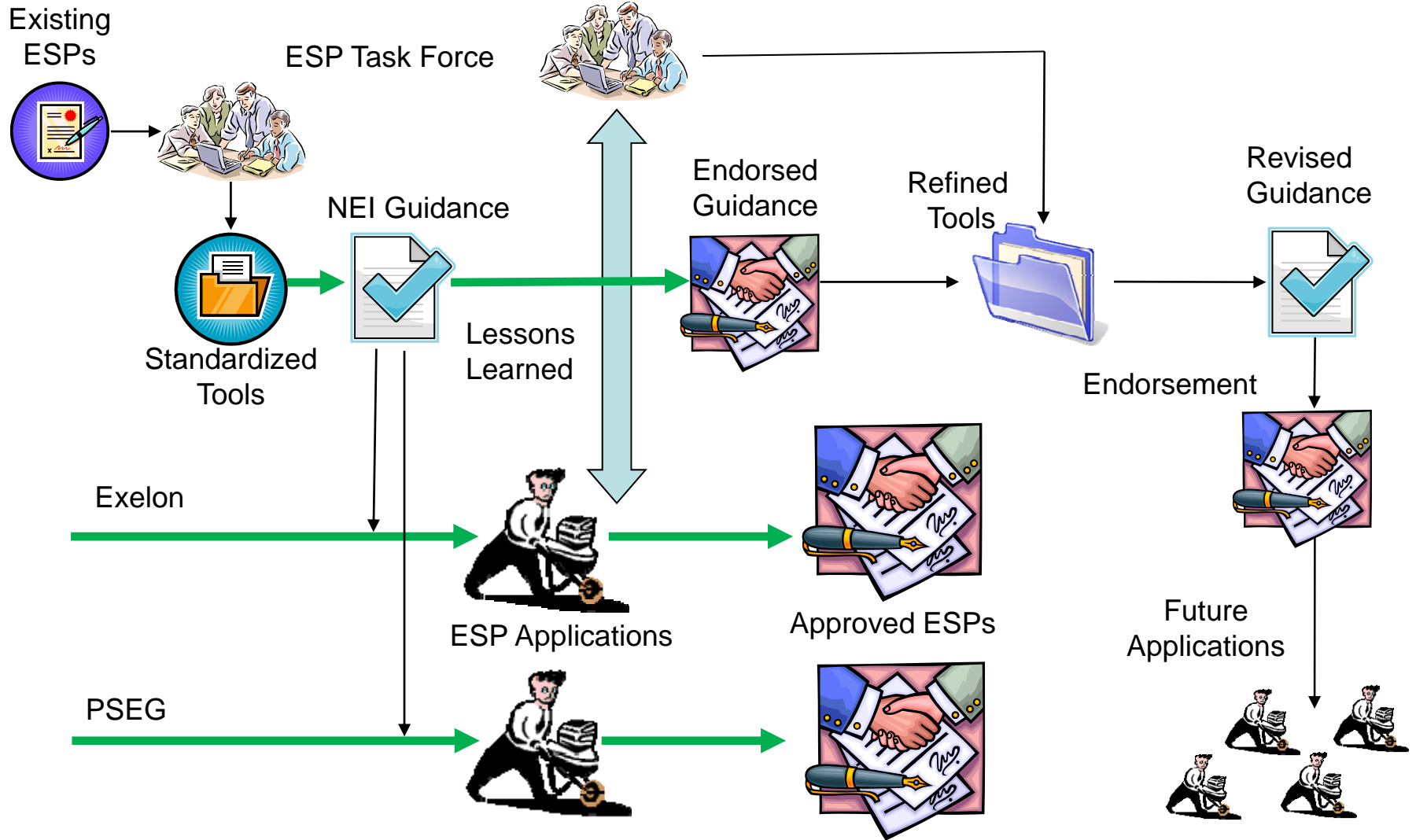
ESP Task Force Topics

- Plant Parameter Envelope (PPE) *
- Source Term*
- Quality Assurance*
- Assembling and writing an ESP application**
- Interacting with Other Agencies**
- Transition from ESP based on PPE to Plant Specific COLA or LWA**
- Emergency Preparedness Lessons Learned**
- NRC Guidance
- Emergent Issues

*To be addressed in NEI 10-01

**To be addressed in a future NEI document

Path Forward

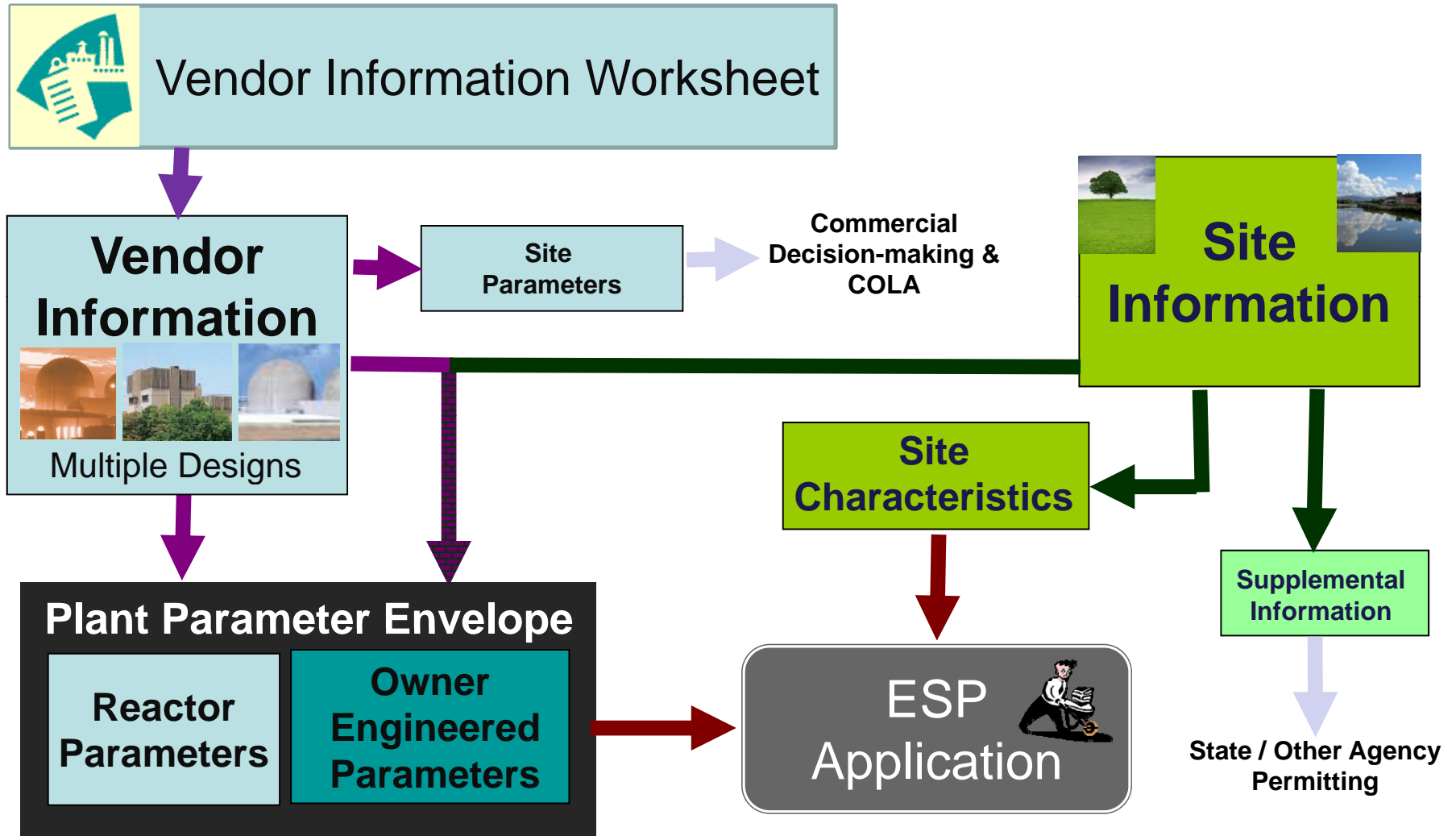




Plant Parameter Envelope

- **Task Force Focus – Updating PPE Worksheet**
 - NEI worksheet reduced to parameters referenced in ESP SER/EIS
 - PSEG and Exelon cooperating on a common PPE worksheet
 - Reviewed with other NEI members and experienced ESP applicants
 - Vendor reviews conducted
- **Benefits**
 - Guidance for new applicants
 - Consistent set of parameters and definitions
 - Vendors input simplified and controlled
 - Standardize information provided to NRC for review
- **Goal**
 - NRC endorsement of a common set of parameters and definitions

PPE Concept





Desired Outcomes

- Make tools for standardizing ESP applications available to all potential applicants
- Establish consistency among applications
- Build mutual understanding between industry and NRC on how ESP applications are developed
- Build common understanding between industry and NRC on ESP content
- Facilitate an efficient review process
 - i.e. support industry timetable goals for draft and final EIS issuance and a similarly timely SER
- Optimize finality of site information in approved ESPs



Next Steps

- Continue to interact with NRC
- Submit draft NEI 10-01 to NRC for endorsement
- Demonstrate standardized approach in Exelon and PSEG ESP applications
- Address feedback & incorporate additional lessons learned
- Refine tools
- Achieve NRC endorsement of NEI 10-01
- Develop and seek NRC endorsement of additional tools
- Make tools available to future ESP applicants