

NEI Activities in Support of SMRs

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Why Small Reactors?

- **Expand nuclear benefits to more companies**
- **Reduced financial risk**
- **Suitable for a variety of applications**
- **Replacement of fossil generation**

Challenges

- **Addressing generic issues to ensure stable regulatory environment**
- **Applying existing regulations in new ways commensurate with design features**

NEI Activities

- **Goal: Achieve efficiency of NRC and industry resources through position papers on generic licensing issues**
- **NEI SMR Working Group**
 - Evaluates industry direction on policy issues
- **NEI SMR Licensing Task Force**
 - Develops proposals for resolving generic regulatory issues

Generic Regulatory Issues

- ✓ **NRC Annual Fees**
- ✓ **Decommissioning Funding**
- ✓ **Pre-Application Engagement**
- ✓ **Modularity - Licensing**
- **Control Room Staffing**
- **Defense-in-Depth**
- **Emergency Preparedness**
- **Loss of Large Areas**
- **Price-Anderson (liability)**
- **Risk Informed Licensing**
- **Security**
- **Site Staffing**

Summary

- **SMRs are important addition to the nation's energy portfolio**
- **Stable and predictable regulatory process is essential**
 - **NEI coordinating industry position development**
 - **Industry working closely with NRC staff through frequent public meetings**