








Advanced Reactor Program - Summary of Integrated Schedule and Regulatory Activities*

| | | | | |
|------------|-----------------------------------|--|------------------------------------|---|
| Strategy 1 | Knowledge, Skills, and Capability | Legend | | |
| Strategy 2 | Computer Codes and Review Tools |  | Concurrence (Division/Interoffice) | ● EDO Concurrence Period |
| Strategy 3 | Guidance |  | Federal Register Publication |  Commission Review Period** |
| Strategy 4 | Consensus Codes and Standards |  | Public Comment Period | ▼ ACRS SC/FC (Scheduled or Planned) |
| Strategy 5 | Policy and Key Technical Issues |  | Draft Issuance of Deliverable |  External Stakeholder Interactions |
| Strategy 6 | Communication |  | Final Issuance of Deliverable | ↓ Public Meeting (Scheduled or Planned) |

Version

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Version

12/8/22

| Strategy | Regulatory Activity | Commission Papers | Guidance | Rulemaking | NEIMA | Complete | 2022 | | | | | | | | | | | | 2023 | | | | | | | | | | | |
|------------|---|-------------------|----------|------------|-------|----------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | | | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Report regarding review of the insurance and liability for advanced reactors (Price-Anderson Act) | x | | | | x | | | | | | | | | | | | | | | | | | | | | | | | |
| | Annual Fees for Non-Light Water Reactors and Microreactors | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Develop SECY Paper regarding Population-Related Siting Considerations for Advanced Reactors | x | | | | x | | | | | | | | | | | | | | | | | | | | | | | | |
| | Revise Regulatory Guide (RG) 4.7 to implement pending SRM to SECY-20-0045 | x | x | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Develop annual SECY paper regarding status of non-LWR activities | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | NRC DOE Workshops | | | | | x | | | | | | | | | | | | | | | | | | | | | | | | |
| Rulemaking | Part 53 Plan - Risk-Informed, Technology Inclusive Regulatory Framework for Advanced Reactors (NEIMA Section 103(a)(4)) | | | x | x | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Public Meetings | | | | | | ↓ | ↓ | ↓ | | ↓ | ↓ | ↓ | ↓ | | ↓ | | | | | | | | | | | | | | |
| | ACRS Interactions | | | | | | | ▼ | | | ▼ | ▼ | ▼ | | | ▼ | ▼ | | | | | | | | | | | | | |
| | Physical Security for Advanced Reactors | | | x | | | ↓ | | | | | | | | | | | | | | | | | | | | | | | |
| | Develop draft Generic Environmental Impact Statement for Advanced Reactors. Final GEIS.*(Has been voted to rulemaking by Comm.) | | | x | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Emergency Preparedness Requirements for Small Modular Reactors and Other New Technologies.(NEIMA Section 103(a)(2)) | | | x | x | | | | | | | | | | | | | | | | | | | | | | | | | |

*Dates reflected above are best estimates. Actual dates will be updated as additional information becomes available.

**The timeframe for the Commission’s review is for planning purposes only, and does not reflect an expected date for Commission decision.

For additional technical and policy issues related to Adv. Rxns, please visit: <https://www.nrc.gov/reactors/new-reactors/smr.html#techPolicyIssues>