





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

Strategy 1	Knowledge, Skills, and Capability	<b>Legend</b>			
Strategy 2	Computer Codes and Review Tools				• EDO Concurrence Period
Strategy 3	Guidance				■ Commission Review Period**
Strategy 4	Consensus Codes and Standards				▼ ACRS SC/FC (Scheduled or Planned)
Strategy 5	Policy and Key Technical Issues				■ External Stakeholder Interactions
Strategy 6	Communication				↓ Public Meeting (Scheduled or Planned)

Version  
9/24/21

Strategy	Regulatory Activity	Commission Papers	Guidance Rulemaking	NEIMA Complete	Present Day																							
					2021												2022											
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
4	Develop Regulatory Guide for endorsement of the non-LWR Probabilistic Risk Assessment Standard		x					↓																				
	Develop Regulatory Guide for endorsement of the ASME Section III, Division 5 Standard		x																									
	<i>Alloy 617 Code Cases (N-872 and N-898)</i>																											
	Develop Draft Guide endorsing ASME Section XI Division 2 Reliability and Integrity Management (RIM)																											
5	Develop SECY paper related to Consequence Based Security (SECY-18-0076)			x																								
	Develop SECY paper related to EP for Small Modular Reactors and Other New Technologies (SECY-18-0103)			x	x																							
	Develop SECY paper related to Functional Containment (SECY-18-0096)			x	x																							
	SECY-20-0093 Policy and Licensing Considerations related to Micro Reactors	x			x																							
	Report regarding review of the insurance and liability for advanced reactors (Price-Anderson Act)	x																										
	Annual Fees for Non-Light Water Reactors and Microreactors																											
	Develop SECY Paper regarding Population-Related Siting Considerations for Advanced Reactors	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																								
	<i>Public Meetings</i>							↓	↓	↓	↓	↓	↓	↓	↓	↓												
	<i>ACRS Interactions</i>							▼	▼	▼	▼	▼	▼	▼	▼	▼	▼											
	Physical Security for Advanced Reactors		x																									
	Develop draft Generic Environmental Impact Statement for Advanced Reactors. Final GEIS.*(Has been voted to rulemaking by Comm.)																											
	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. Rx's, please visit:

<https://www.nrc.gov/reactors/new-reactors/smr.html#techPolicyIssues>