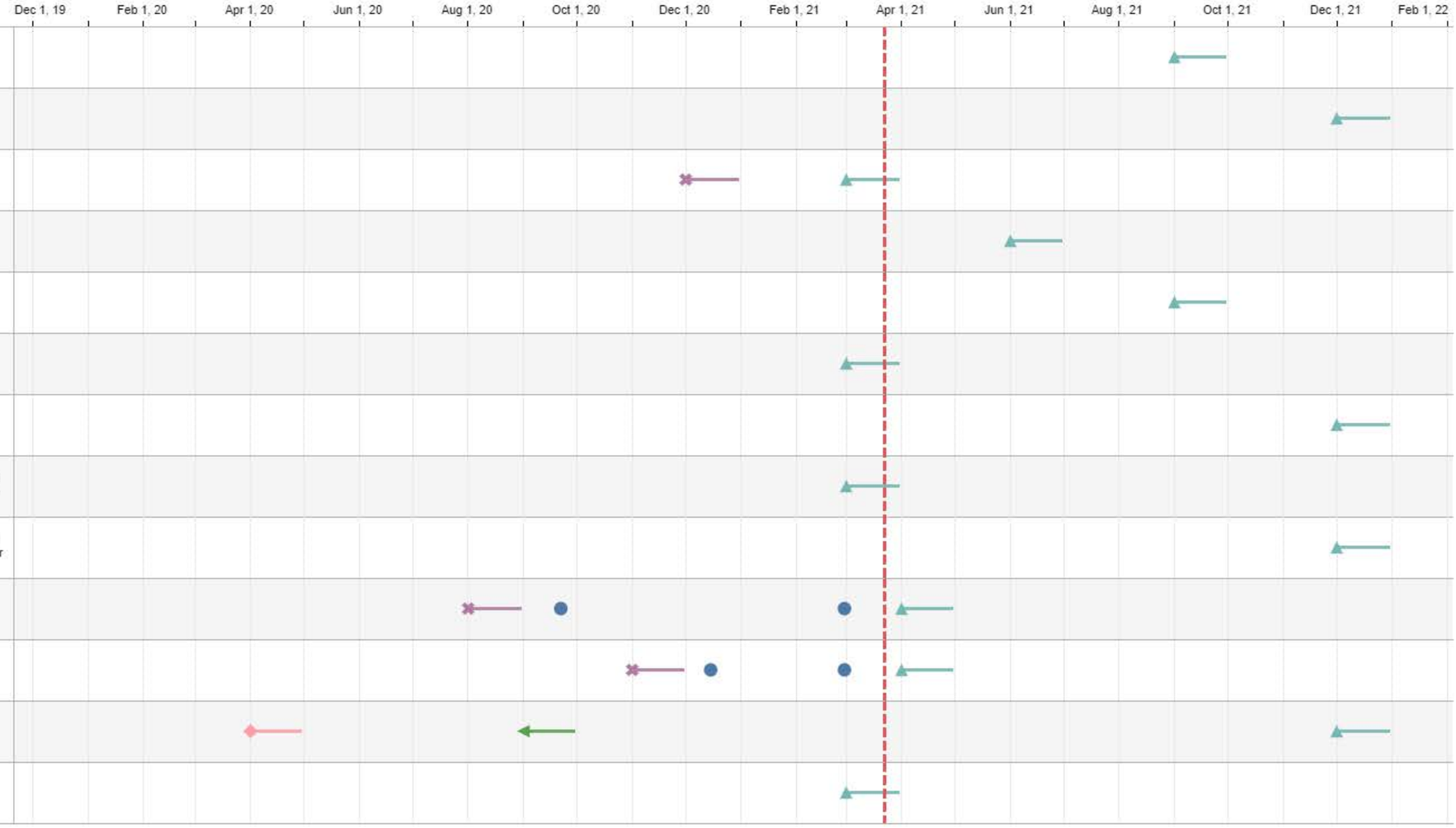
Strategies: 1 - Knowledge | **2 - Codes & Tools** | 3 - Reviews | 4 - Standards | 5 - Policy/Issues | 6 - Communication | NEIMA Reporting | Rulemaking | Duration On

Advanced Reactor Integrated Schedule

Strategy: **2 - Codes & Tools** (3/22/2021)

- ACRS SC/FC (Scheduled or Planned)
- Commission Review Period**
- Concurrence (Division/Interoffice)
- Draft Issuance of Deliverable
- EDO Concurrence Period
- Federal Register Publication
- Final Issuance of Deliv
- Public Comment Perio
- Public Meeting (Scheduled or Planned)

Rulemaking

Strategy	Main Activity	Sub-Activity 1	Sub-Activity 2	Sub-Activity 3
2 - Codes & Tools	Development of Non-LWR Computer Models and Analytical Tools	Code Assessment Report Volume 1 (Systems Analysis)	Reference plant model for Gas-Cooled Pebble Bed Reactor	
			Reference plant model for Molten Salt Fueled Reactor	
		Code Assessment Report Volume 2 (Fuel Perf. Anaylsis)	FAST code assessment for metallic fuel	
			FAST code assessment for TRISO fuel	
		Code Assessment Report Volume 3 (Source Term Analysis)	MACCS near-field atmospheric transport and dispersion model improvement	
			MACCS radionuclide screening analysis	
			Non-LWR MELCOR (Source Term) Demonstration Project	
				Reference SCALE/MELCOR plant model for Molten Salt Cooled Pebble Bed Reactor
				Reference SCALE/MELCOR plant model for Molten Salt Fueled Reactor (schedule TBD)
		Code Assessment Report Volume 4 (Licensing and Siting Dose Assessments)		
		Code Assessment Report Volume 5 (Fuel Cycle Analysis)		
	Research on risk-informed and performance-based (RIPB) seismic design approaches and adopting seismic isolation tec..			
	Research plan and accomplishments in Materials, Chemistry, and Component Integrity for Adv. Rxs.