

# Security for Advanced Reactors Regulatory Framework

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Response

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# Focused on



- Safety and security of the current operating fleet
- Establishing a modern infrastructure for advanced reactors

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# Preparing for New and Evolving Security Technology



**Remote Operated Weapons Systems (ROWS)**



**Firearms Training Simulations (FATS)**

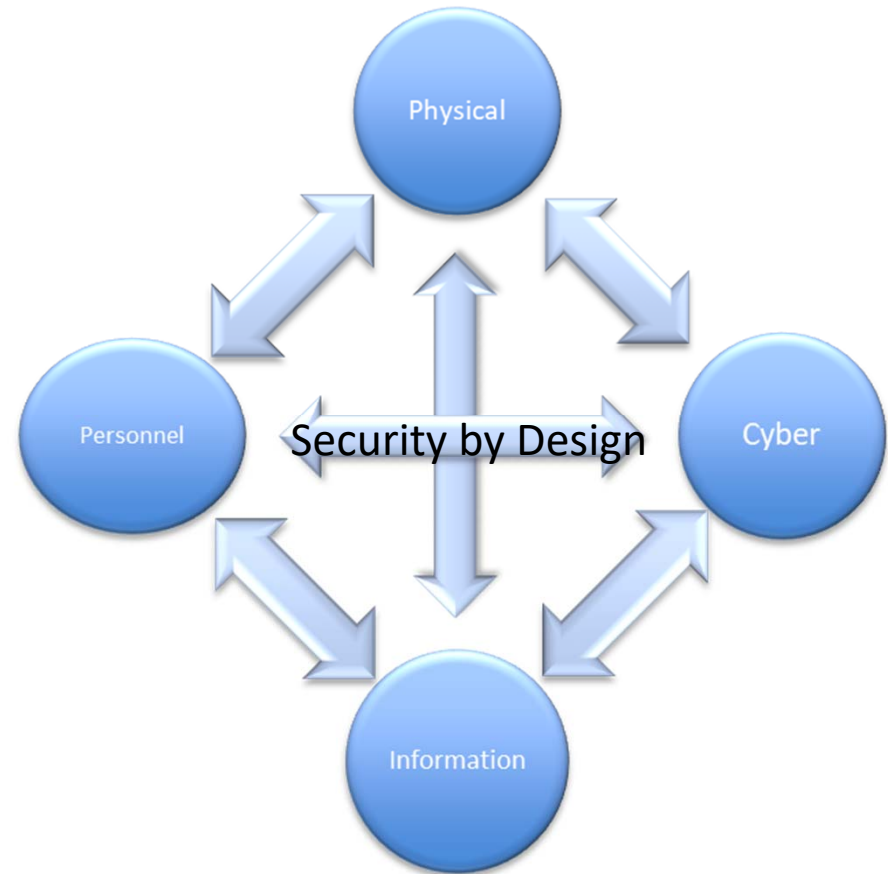


**Drones**

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# Transforming the Security Framework into a Modern, Risk-Informed Approach

- Variety of potential reactor designs
- Radiological consequence provides a benchmark for the proposed security framework



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# Establishing the Framework

- Alternative Physical Security Requirements for Advanced Reactors
- Part 53 Risk-Informed, Technology Inclusive Regulatory Framework for Advanced Reactors



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# Early and frequent stakeholder engagement is critical

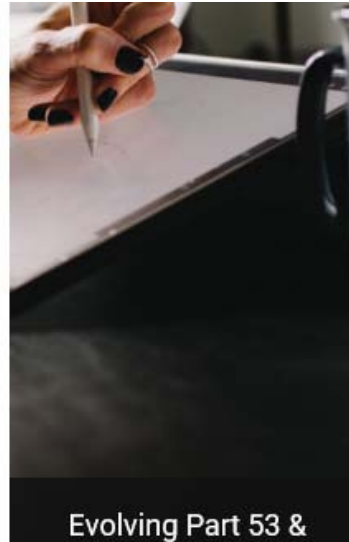


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# Delivering Success and Supporting National Priorities



Continuing  
extensive  
engagement with  
stakeholders



Evolving Part 53 &  
developing risk-informed  
guidance



Adhering to the  
principles of the  
Advanced Reactor  
Policy Statement



Completing key  
rulemaking  
activities