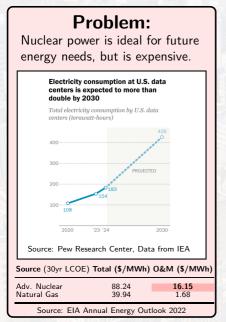
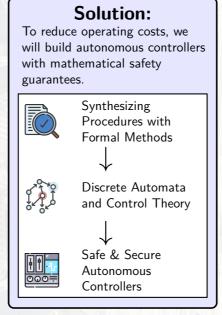
Autonomous Control for Next Generation Nuclear Power: Hardware Validation with Emerson Ovation

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Goal: Develop autonomous hybrid control systems with mathematical guarantees of safe and correct behavior that lower operating costs for nuclear power.





We will demonstrate TRL 5 readiness through hardware-in-the-loop validation with an Emerson Ovation control system. Controller Implementation on Ovation ARCADE Hil Interface Simulated Nuclear Power Plant

Proof: