

THE REGULATORY ROUTE TO COMMERCIAL NUCLEAR DEPLOYMENT

A webinar series to understand the road that was taken to arrive at the current regulatory framework to navigate future paths to successful deployment.

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Webinar #1 – Paving the Way: A Historic Journey to Deployment Wednesday, January 27, 2021, Noon-3 pm MST

The GAIN Regulatory Webinar Series was created to build familiarity with the current U.S. regulatory framework for commercial reactors and to facilitate nuclear industry efforts to identify and address regulatory uncertainties and associated risks (technical, financial, schedule) in their deployment strategies.

MST	Description	Presenter
12:00 pm	Opening Remarks	Jim Kinsey
12:10 pm	Historical Development of Nuclear Energy <ul style="list-style-type: none">• 1940s-1960s• History of Naval Nuclear Propulsion and the Hand-off to Commercial	Phil Hildebrandt
12:55 pm	Structure of NRC Regulatory Framework: Historical Licensing Landmarks <ul style="list-style-type: none">• Searching for the Regulator’s Role: 1954 to 1975• Developing the Independent Regulator: 1975 to 1979• Correcting for Operational Experience: 1980 to Today	Roger Mattson
1:40 pm	Structure of the Current NRC Regulatory Framework and Considerations for Advanced Technologies <ul style="list-style-type: none">• Fundamental Safety Functions• “Patchwork” or Regulatory Requirements• Key Takeaways and Topics for Next Webinar	Jim Kinsey
2:20 pm	Discussion / Q&A	
2:50 pm	Adjourn	

Next in the Series:

- Webinar #2: Understanding and Navigating Within the Existing Regulatory Framework
- Webinar #3: Identifying and Managing Regulatory Risk on the Paths to Successful Deployment

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