## 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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## **Peter Hastings**

Vice President of Regulatory Affairs & Quality Kairos Power Mr. Peter Hastings is the Vice President of Regulatory Affairs & Quality at Kairos Power and leads teams responsible for licensing and permitting activities, safety analysis and probabilistic risk assessment, quality assurance, and government affairs with a focus on establishing the regulatory basis for Kairos Power's reactor technology.

Mr. Hastings previously ran a successful management and regulatory consulting firm and held prior positions as Director of Licensing and Regulatory Affairs for Generation mPower, Licensing Manager for Duke Energy's Nuclear Plant Development Division, and licensing and design-center lead NuStart Energy Development, LLC. Mr. Hastings' background includes work as a reactor engineer responsible for startup testing and fuel performance monitoring, design engineer on the Monitored Retrievable Storage facility, manager in safety assurance and performance assessment for the Yucca Mountain repository, and licensing manager responsible for receipt of construction authorization for the MOX Fuel Fabrication Facility.

Mr. Hastings earned his B.S. in Nuclear Engineering from North Carolina State University. He is a registered professional engineer in North and South Carolina.