



Dr. Mirela Gavrilas

**Senior Vice President, Licensing & Regulatory Affairs
Elementl Power**

Profile

Dr. Mirela Gavrilas is Senior Vice President, Licensing & Regulatory Affairs at Elementl Power, leading the company's nuclear licensing and regulatory strategy. She brings extensive leadership experience in nuclear regulation, reactor safety and advanced nuclear technologies from her more than two decades at the U.S. Nuclear Regulatory Commission (NRC).

Professional History

Prior to joining Elementl, Dr. Gavrilas had been Executive Director for Operations at the NRC, where she led approximately 2,700 technical and mission-support staff and served as the agency's acting chief operating officer.

At the NRC, Dr. Gavrilas held numerous senior leadership positions across the agency, with responsibilities spanning nuclear safety, engineering, risk assessment, policy and rulemaking, security and incident response. She led efforts to streamline licensing and approval processes for advanced technologies, including small modular and micro-reactors, while strengthening the agency's incident response and cybersecurity programs. She has also served on the faculty of the University of Maryland.

Education

Dr. Gavrilas holds a doctorate in Nuclear Engineering from the Massachusetts Institute of Technology and a bachelor's degree in Nuclear Engineering from the University of Maryland.