

# 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.

Find us online: [GAIN.INL.GOV](https://www.gain.inl.gov) | [f](#) [t](#) @GAINnuclear



**Ryan K. Lighty**

---

Associate  
Morgan Lewis

Ryan K. Lighty represents and advises utilities and other energy industry participants and investors in litigation, transactional, and regulatory matters before the US Nuclear Regulatory Commission (NRC), other state and federal agencies, and in federal court. Ryan regularly counsels businesses on a range of complex issues associated with obtaining, amending, renewing, transferring, and terminating licenses for nuclear materials, nuclear reactors (including power and non-power reactors, advanced reactors, and small modular reactors) and medical isotope facilities. He also helps clients navigate the various regulatory issues associated with decommissioning NRC-licensed facilities.

Ryan works with clients to analyze safety and licensing issues related to the production, use, and transportation of hydrogen to combat climate change. He also helps clients achieve their sustainability/net-zero goals through nuclear plant license extensions and deployment of advanced nuclear technologies.

Additionally, Ryan has experience in performing internal investigations for NRC licensees. He regularly provides advice on Safety Conscious Work Environment (SCWE) and safety culture issues, and has defended clients against whistleblower retaliation claims before the US Department of Labor. Ryan also helps employers navigate government ethics restrictions applicable to current and former federal agency employees, and advises clients regarding energy efficiency standards established by the US Department of Energy (DOE). Before joining Morgan Lewis, Ryan was an attorney in the NRC's Office of the General Counsel and served as acting regional counsel in the agency's Region III office.