

T5 - Technology-Inclusive Risk- Informed Regulatory Framework ("Part 53") – Diverse Pathways to the Future



U.S. Nuclear Regulatory Commission
34th ANNUAL REGULATORY
INFORMATION CONFERENCE

MARCH 8-10, 2022
Bethesda North Marriott Hotel
and Conference Center

PREPARING FOR
TOMORROW
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Session Chair:

Andrea Veil, Director, Office of Nuclear Reactor Regulation

Panelists:

- Darren Gale, Vice President Commercial Operations, X-energy, LLC
- David Petti, Member, NRC's Advisory Committee on Reactor Safeguards
- Edwin Lyman, Director, Nuclear Power Safety, Union of Concerned Scientists
- Dennis Henneke, Consulting Engineer, Advanced Plants Risk and Reliability, GE Hitachi Nuclear Energy



Pathway to New Regulatory Framework

“Part 53” Rulemaking by July 2025

- Nuclear Energy Innovation and Modernization Act
- Strategic Vision
- Technology-inclusive, risk-informed and performance based regulatory framework
- Significant stakeholder outreach



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Where to learn more...

- Additional information on the 10 CFR Part 53 rulemaking is available at <https://www.nrc.gov/reactors/new-reactors/advanced/rulemaking-and-guidance/part-53.html>
- Public comment period for the preliminary proposed rule language has been extended to August 31, 2022
- For information on how to submit comments go to <https://www.regulations.gov> and search for Docket ID NRC-2019-0062
- For further information, contact Robert Beall, Office of Nuclear Material Safety and Safeguards, telephone: 301-415-3874; email: Robert.Beall@nrc.gov