



ENERGY NORTHWEST

Owner/Operator Perspective on Part 53

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ENERGY NORTHWEST

- Background
- Perspective

Rulemaking Objectives

1. Provide reasonable assurance of adequate protection of the public health and safety and common defense and security at reactor sites at which advanced nuclear reactor designs are deployed, to at least the same degree of protection as required for current-generation light water reactors;
2. Protect health and minimize danger to life or property to at least the same degree of protection as required for current-generation light water reactors;
3. Provide greater operational flexibilities where supported by enhanced margins of safety that may be provided in advanced nuclear reactor designs;
4. Ensure that the requirements for licensing and regulating advanced nuclear reactors are clear and appropriate; and
5. Identify, define, and resolve additional areas of concern related to the licensing and regulation of advanced nuclear reactors

Interests

1. Ensuring the safety case of these reactors is effectively demonstrated (Objectives 1 and 2)
2. Recognizing that safer reactors should not translate into increased operational burden (Objective 3)
3. Avoiding unnecessary complexities (Objective 4)
 1. Uncertainty in operational impact generated by ambiguous terminology
 2. Differing language for different licensing processes
4. Ensuring licensing process supports readiness for operation (Objective 5)

Primary Focus on Advanced Reactors

To provide a source of generation to address energy needs, climate change, and support our nation's goal for a clean energy transformation.

This source of power needs to be:

- safe,
- firm,
- cost competitive, and
- operationally flexible