



Regulating Stand-Alone Independent Spent Fuel Storage Installations (ISFSIs)

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Meeting to Obtain Stakeholder Feedback on Enhancements
to the Licensing and Inspection Programs for
Spent Fuel Storage and Transportation

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Background

- 10 CFR Part 72 provides for 3 major types of licensing and certification activities:
 - Specific licenses
 - General licenses
 - Certificates of Compliance (CoCs).
- General license relies on the infrastructure associated with reactor operation.

Issue Description

- There are 10 ISFSIs at shutdown or decommissioned reactor sites

= Stand-Alone ISFSIs

Issue Description (cont.)

- Current regulatory framework:
 - How does current regulatory framework apply to stand-alone ISFSIs?
 - Is general license framework appropriate for sites that no longer have an operating reactor?
 - What is fuel handling capability for ISFSIs at sites with no spent fuel pool?
 - What is the applicability of Part 50 power reactor requirements to stand-alone, generally-licensed ISFSIs?

Issue Description (cont.)

- Potential changes to regulatory framework to enhance consistency and completeness of requirements for all ISFSIs.

Considerations

- Review the Part 72 requirements for the general license.
 - Including relevant underlying assumptions
- Analyze the Part 50 requirements relied on for a general license
 - Compare to those provisions required for a site specific license, including reactor infrastructure
 - Which requirements may no longer be applicable to a stand-alone ISFSI?

Considerations (cont.)

- Consider whether the current regulatory framework adequately supports maintaining fuel handling or cask unloading capability.
- Review plans at stand-alone ISFSIs for unloading, examination or repackaging

Considerations (cont.)

- Consider the Blue Ribbon Commission recommendations related to stand-alone ISFSIs.



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