

GSI-191 Pilot Plant Audit Program

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NEI Public Meeting on GSI-191 Resolution Status
April 13, 2005
Nuclear Regulatory Commission, Rockville, Maryland



GSI-191 Pilot Plant Audit Program

Outline

- **Background**
- **Pilot plant audit plan**
- **Crystal River pilot audit**
- **Fort Calhoun pilot audit**
- **Plans for more pilots/volunteers?**



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Background

- **Discussed in NEI's 01/05 meeting**
- **Developed pilot plant audit plan**
- **Began limited Crystal River pilot audit**
- **Plans for Fort Calhoun pilot audit**
- **Results: engineered solution achievable**



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Pilot Plant Audit Plan

- **Audit items based on methodology and SE**
- **Fee waiver for pilots' licensing actions available**
- **Complete by May to September 2005**



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Crystal River Pilot Audit

- Design change packages reviewed
- Independently verified limited number of calculations
- Two-day kick-off audit at NRC
- Licensee participants
- NRC participants



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Crystal River Pilot Audit (contd.)

- **New sump design**
- **CFD analysis for pool transport**
- **Debris arrester evaluated with CFD**
- **Open items: chemical effects, downstream effects, coatings, and others**



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Crystal River Pilot Audit (contd.)

- Possible visits to plant and vendor
- Audit completion by May 2005 – inform
- Audit in progress – thus far no show stoppers identified
- Engineered solution achievable



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Fort Calhoun Pilot Audit

- **Plant visit by staff and NRC contractor**
- **Vendor selection in May 2005**
- **Pilot plant audit begun**



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Plans for more Pilot Audits

- **Welcome more pilot plant volunteers**

