

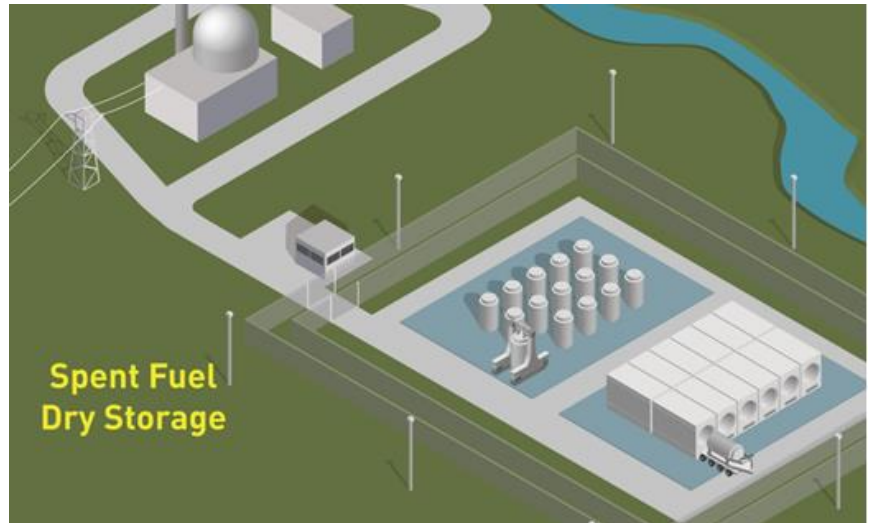
ISFSI Inspection Program Enhancement Overview

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Background

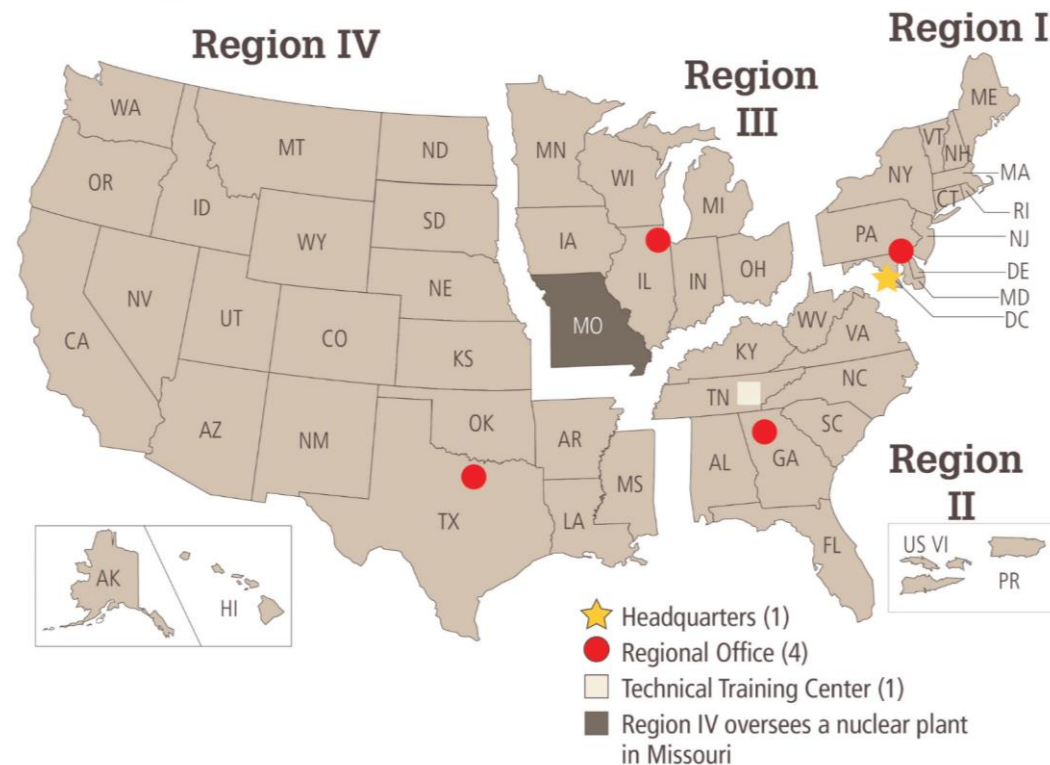
- NRC Transformation Team established in early 2018
- 27 recommendations provided to NRR by NEI in their September 19, 2018, letter
 - “1H Eliminate Materials Inspections of ISFSI”
- The staff rejected the original recommendation to eliminate ISFSI inspections but committed to assessing the ISFSI program



ISFSI Enhancement Team

- A team of Regional ISFSI inspectors and headquarters staff was created to assess the ISFSI program
- Provide recommendations for a more effective and efficient ISFSI inspection program
- (Team Charter, ADAMS Accession No. ML19155A273)

NRC Regions



Nuclear Power Plants

- Each regional office oversees the plants in its region—except for the Callaway plant in Missouri, which Region IV oversees.

Materials Licensees

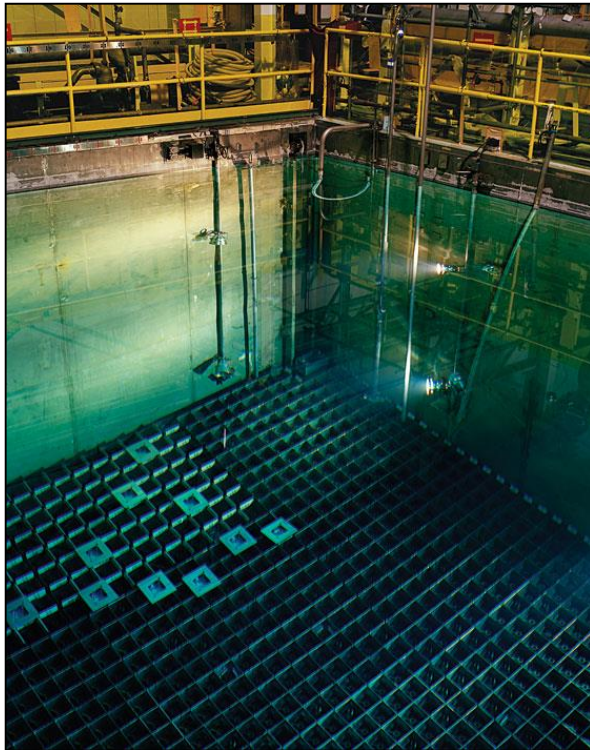
- Region I oversees licensees and Federal facilities located geographically in Region I and Region II.

What was our scope?

- Scope included oversight of ISFSI operations:
 - On-site component construction
 - Dry-runs
 - Loading
 - Monitoring
- Not in Scope:
 - Transportation
 - Vendor Inspections
 - Aging Management
 - Security



Focus AREAS of ISFSI Program



The team identified five safety focus areas:

- Occupational Dose,
- Public Dose/Exposure,
- Fuel Damage,
- Confinement/Canister Integrity, and
- Impact to Plant Operation



Areas of Potential Enhancement

- Risk insights for ISFSI
- Frequency of Inspections
- Resources
- Training



Team's Assessment

- Recommendations developed for areas of potential enhancements
- Developed a new technical basis document for the ISFSI inspection program
- Based on recommendations, significantly revised the inspection manual chapter (IMC) 2690 and inspection procedures to clarify:
 - requirements,
 - level of effort (hours), and
 - inspector guidance



Status and Next Steps

- ISFSI Enhancement Team's report with recommendations reviewed and approved by management in Division of Fuel Management
- Regional review and concurrence ongoing
- ROP Public meeting presentation November 20, 2019
- ISFSI Inspection Program Enhancement Specific Public meeting on December 2, 2019
 - Report and Recommendations publicly available in public meeting notice
- Taking public comments through December 20

