



ISFSI Inspection Enhancement Implementation Status

Project Status as of
8/28/2020

Background:

Starting in June 2019, a working group was formed as part of the Independent Spent Fuel Storage Installation (ISFSI) Inspection Program Enhancements Initiative to evaluate and enhance the NRC's existing ISFSI inspection program by developing a clearer, more risk-informed, comprehensive, and consistent approach to ISFSI inspections across the four regions that focuses on those areas most important to safety. The working group used probabilistic risk analyses, byproduct material radiation exposure studies, subject matter expertise, operating experience, and lessons learned from the last 30 years of ISFSI inspection history to inform the recommended revisions to the program.

The final report of the working group's recommendations was completed and made publicly available on March 18, 2020 (ADAMS Accession No. ML20078P093). The Director of the Division of Fuel Management (DFM) approved the working group's recommendations in full considering the final recommendations report and all feedback received. Public issuance of the final decision memo (ADAMS Accession No. ML20079E064) was on May 6, 2020.

Objective:

To provide a status update on NRC staff's efforts to issue a new ISFSI inspection program technical basis document Inspection Manual Chapter (IMC) 2691, and revise IMC 2690 and 6 associated Inspection Procedures.

ACCOMPLISHMENTS

1. Working group kick-off meeting conducted on June 11
2. Completed public and internal implementation plans
3. Posted implementation plan and status document on the public website
4. Completed regional review and comment resolution of IP 60853, 60854, 60856, and 60857
5. Issued IMC 2690 for regional review on 8/19; IP 60855 and 60858 currently in regional review
6. Issued IP 60854 and 60857 for branch management review on 8/20
7. Issued IP 60853 and 60856 for DFM management review on 8/20 after receiving branch concurrence
8. Discussed ISFSI inspection enhancement implementation during the August 18 RSLO monthly call and August 26 ROP monthly call

KEY MILESTONES

	Description:	Date Planned	Actual Completed
	Initial IP/IMC drafts complete*	7/31	
	Present status at August ROP monthly call	8/26	8/26
	NRR IMC Coordinator Meeting	8/27	8/28
	Regional review complete	8/31	
	Present Status at Aug RSLO monthly call	8/2020	8/18
	Regional comment resolution complete	9/15	
	IOB/Regional BC review complete	10/6	
	DFM Management review complete	10/27	
	Issuance of documents for implementation complete	11/17	
	Regional training complete	11/20	

NEXT STEPS

1. Continue to resolve comments as each document goes through its respective review and comment period
2. Incorporate aging management information in the new IMC 2691, inspection program technical basis document
3. Issue IMC 2691 for regional review
4. Develop and issue new IP for initial aging management inspections for regional review

*To be marked as completed when additional aging management guidance is incorporated into respective inspection procedures and manual chapters

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