



Consolidation and Updating Standard Review Plans for Spent Fuel & Radioactive Material Storage and Transportation

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Introduction

- Why we are consolidating
- What we expect
- Schedule



Why Consolidate the SRPs?

- DSFM recognized the need to update the SRPs
 - Storage SRPs issued in 2000
 - Transportation SRPs issued in 1999/2000
 - Supplements to NUREGs at least a decade old
- Part 71 and 72 have both undergone revisions
- Many ISGs have been issued to assist in implementing changes based on these revisions



Expectations

- Maintain the safe and secure use of radioactive materials
- Increase efficiency when performing reviews
- Minimize/eliminate the use of ISGs
- Make future revisions easier
- One-stop for all SRP information



Background

- Feasibility Study indicated that consolidation of SRPs was desired
- Recommended the use of NUREG-0800 model
 - Chapters subdivided into independently revisable sections
 - Minimize the need for future ISGs
- Recommended a revised Chapter order to account for the merged information



Approach – Storage SRP

- Formed an internal NRC team representing all technical disciplines, with a similar team of counterparts formed by the contractor
- Team members interacted with their counterparts directly to ensure questions were addressed and provide any additional technical information
- Started with the draft update to NUREG-1567
- Merged the information found in NUREG-1536
- Incorporated ISGs and other technical or draft documents into the consolidated update



Approach – Transportation SRP

- Similar to Storage SRP, formed counterpart teams for technical disciplines
- Interacted directly with contractor counterparts
- Using lessons learned from Storage SRP
- Our starting point was NUREG-1609
- Merged the information found in NUREG-1617
- Merged the information found in the supplements
- Incorporated ISGs and other technical or draft documents into the consolidated update



Schedule – Storage SRP

- Draft NUREG-2215, “Standard Review Plan for Spent Fuel Dry Storage Systems and Facilities”
- NRC staff has submitted the draft to our publication office
- FRN starting the public comment period should be out any day now
- 45 day comment period
- ACRS may request to look at the final SRP after the comment resolution
- Final publication of NUREG-2215 in 3rd Calendar Quarter 2018



Schedule – Transportation SRP

- Draft NUREG-2216, “Standard Review Plan for Transportation Package Approval”
- NRC Staff is finalizing its internal review
- Expect to have Transportation SRP out for public comment in the 2nd Calendar Quarter 2018
- ACRS may request to look at the final SRP after the comment resolution
- Final publication NUREG-2216 1st Calendar Quarter 2019



Path Forward

- Issue NUREG-2215 and NUREG-2216
- Begin work on the Regulatory Guides to harmonize with the SRP changes
- Future Updates to SRP as needed



Summary

- An update to the SRPs is needed
- Consolidation of SRPs enhances
 - Safety
 - Efficiency of reviews
 - Revising in the future
- SRPs will be coming out soon for public comment

