

Risk-Informing of Standard Review Plans for Independent Spent Fuel Storage Installations and Dry Cask Storage Systems

NMSS/SFST/TRD

The Division of Spent Fuel Storage and Transportation (SFST) initiated a project to update and risk-inform the following guidance: NUREG-1536, Standard Review Plan for Dry Cask Storage Systems, and NUREG-1567, Standard Review Plan for Spent Fuel Dry Storage Facilities. These SRPs will be updated by incorporating Interim Staff Guidance documents addressing a variety of specific technical issues that have been issued over a number of years as well as, other technical changes. Specific review items will be prioritized using ranking criteria based on the potential impact that a deficiency in that item would have on public health and safety. The draft input for this risk-informed update is being produced by technical review staff of SFST. Development of the risk informing methodology and production of the documents in official format will be assisted by an outside contractor. The contract was awarded in October 2006, and the first draft documents were made available for SFST management and staff comments, in May 2007. Due to competing priorities with casework and staff turnover, progress was delayed for NUREG-1536, and work on NUREG-1567 is currently being held in abeyance. The documents milestone table is shown below.

Project Considerations:

Selected Major Milestones and Schedules				
Major Milestones	Original Target Date	Revised Date	Completion Date	NRC Responsibility
Draft SRPs for staff comment	April 2007		May 2007	NMSS/SFST/TRD
NRC comments on draft SRP	June 2007		Feb 2008	NMSS/SFPO/TRD
Draft SRP to NRC (includes risk informing)	October 2007	July 2008	July 2008	NMSS/SFPO/TRD
NRC comments on draft risk-informed SRP	December 2007	Oct 2008	Oct 2008	NMSS/SFPO/TRD
“Final” Draft SRP to NRC	March 2008	Jan 2009	Dec 2008	NMSS/SFPO/TRD
Issue Draft SRP (NUREG-1536) for Public Comment	March 2009	NA	April 15, 2009	NMSS/SFPO/TRD
Receive Public Comments	May 2009	NA	July 15, 2009	NMSS/SFPO/TRD
Issue Final SRP	November 2009	Dec 2009		NMSS/SFPO/TRD