

September 26, 2012

MEMORANDUM TO: Mark Lombard, Director
Division of Spent Fuel Storage and Transportation
NMSS

FROM: Doug Weaver, Deputy Director /RA/
Division of Spent Fuel Storage and Transportation
NMSS

SUBJECT: APPROVAL OF SFST DIRECTOR'S INTERIM STAFF GUIDANCE
DOCUMENT NO. 8, REVISION 3, "BURNUP CREDIT IN THE
CRITICALITY SAFETY ANALYSES OF PWR SPENT FUEL IN
TRANSPORTATION AND STORAGE CASKS"

Enclosed is Interim Staff Guidance (ISG) No. 8, Revision 3, "Burnup Credit in the Criticality Safety Analyses of PWR Spent Fuel in Transportation and Storage Casks," for your comment. This ISG provides clarifying guidance to the NRC staff when reviewing license applications or amendment requests, or other related licensing activities for transportation of fissile materials under 10 CFR Part 71 and dry cask storage systems under 10 CFR Part 72.

This guidance applies to reviews of dry cask storage and transportation systems for spent nuclear fuel conducted in accordance with NUREG-1536, "Standard Review Plan for Dry Cask Storage Systems" (July 2010); NUREG-1567, "Standard Review Plan for Spent Fuel Dry Storage Facilities" (March 2000); and NUREG-1617, "Standard Review Plan for Transportation Packages for Spent Nuclear Fuel" (March 2000).

This ISG has been reviewed by the Division of Spent Fuel Storage and Transportation staff and branch chiefs, and was published for public comment. Responses to the comments received from the public have been developed and are included as Appendix B to the ISG. These responses will be also posted on the NRC website in conjunction with the release of the ISG.

Enclosure: ISG No. 8, Revision 3

CONTACT: Andrew Barto, NMSS/SFST
301-492-3336

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