

June 22, 2018

MEMORANDUM TO: Brian Thomas, Director  
Division of Engineering  
Office of Nuclear Regulatory Research

FROM: Michael C. Layton, Director **/RA/**  
Division of Spent Fuel Management  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: TRANSMITTAL OF PROPOSED REVISION 2 OF REGULATORY  
GUIDE 3.54

The enclosed proposed Revision 2 of Regulatory Guide (RG) 3.54, "Spent Fuel Heat Generation in an Independent Spent Fuel Storage Installation" (Enclosure 1) was developed by my staff in the Criticality, Shielding and Risk Assessment Branch. The proposed Revision 2 to RG 3.54 was issued for public comment as Draft Regulatory Guide (DG)-3050. All public comments have been addressed and appropriate changes incorporated and proposed Revision 2 of RG 3.54 is ready for the Division of Engineering, Regulatory Guidance and Generic Issues Branch to forward to other program offices for concurrence, as well as, to the Office of the General Counsel for legal review in preparation for final issuance.

A public comment and response table is also being transmitted as Enclosure 2.

Enclosures:

1. Regulatory Guide 3.54
2. Public Comments Responses

CONTACT: Alexis Sotomayor-Rivera, NMSS/DSFM  
301-415-7265

SUBJECT: TRANSMITTAL OF PROPOSED REVISION 2 OF REGULATORY GUIDE 3.54,  
DOCUMENT DATE: June 22, 2018

**DISTRIBUTION:**

SFST r/f

G:\SFST\AlexisSotomayor\Reg. Guide 3.54\Transmittal Letter RG 3 54.doc

**ADAMS Accession Number: Package: ML18052A045**

**Memo: ML18052A046**

<b>OFC</b>	DSFM/CSRB	QTE	DSFM/CSRB	NMSS/DSFM
<b>NAME</b>	ASotomayor-Rivera	JDougherty (via e-mail)	TTate	MLayton
<b>DATE</b>	05/18/2015	02/20/2018	06/12/2018	06/22/2018

**OFFICIAL RECORD COPY**