



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

August 7, 2020

MEMORANDUM TO: Louise Lund, Director  
Division of Engineering  
Office of Nuclear Regulatory Research

FROM: Meraj Rahimi, Branch Chief **/RA/**  
Division of Engineering  
Office of Nuclear Regulatory Research

SUBJECT: RESULTS OF PERIODIC REVIEW OF REGULATORY GUIDE 5.55

The Office of Nuclear Security and Incident Response (NSIR)/ Division of Physical and Cyber Security Policy (DPCP) staff has reviewed regulatory guide (RG) 5.55, "Standard Format and Content of Safeguards Contingency Plans for Fuel Cycle Facilities." As discussed in Management Directive 6.6, "Regulatory Guides," the NRC staff reviews RGs approximately every 10 years to ensure that the RGs continue to provide useful guidance. The results of the staff's review of RG 5.52, Rev. 0 are summarized in the enclosed document.

Based on the results of the periodic review, the staff concludes that no changes to RG 5.55, Revision 0 are warranted. However, the staff will monitor operating experience regarding recordkeeping with respect to material control and accounting over the next 10-year period to determine whether additional concerns develop that would warrant a revision of RG 5.55 at the next periodic review.

Any questions should be directed to the contacts listed in this memorandum.

Enclosure:  
Periodic Review of RG 5.55

CONTACTS: Tim Harris, NSIR/DPCP  
(301) 287-3594

Mekonen M. Bayssie, RES/DE  
(301) 415-1699

SUBJECT: RESULTS OF PERIODIC REVIEW OF REGULATORY GUIDE 5.55  
DATED 8/7/2020

**DISTRIBUTION:**

S. Helton, NSIR/DPCP  
B. Thomas, NSIR/DPCP  
S. Gardocki

**ADAMS ACCESSION NO: Package: ML20218A458 and Periodic Review of RG 5.59:  
ML20218A462**

**\*via-email**

OFFICE	NSIR/DPCP	NSIR/DPCP	RES/DE	RES/DE
NAME	T. Harris*	A. Rivera*	M. Bayssie*	M. Rahimi*
DATE	8/4/2020	8/4/2020	8/5/2020	8 / 7 /2020

**OFFICIAL RECORD COPY**