



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

June 21, 2016

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

FROM: Michael J. Case, Director **/RA/**  
Division of System Analysis  
Office of Nuclear Regulatory Research

SUBJECT: PERIODIC REVIEW OF REGULATORY GUIDE 8.4, "PERSONNEL  
MONITORING DEVICE—DIRECT-READING POCKET  
DOSIMETERS"

This memorandum documents the US Nuclear Regulatory Commission (NRC) periodic review of regulatory guide (RG) 8.4, "Personnel Monitoring Device – Direct-Reading Pocket Dosimeters," published in June 2011. The RG describes methods that the U.S. Nuclear Regulatory Commission (NRC) staff considers acceptable for complying with the NRC's regulations regarding the radiation safety and protection. As required in Management Directive 6.6, "Regulatory Guides," the NRC staff reviews RGs approximately every 5 years to ensure that the RGs continue to provide useful guidance. Documentation of the NRC staff review is enclosed.

Based on the results of the periodic review, the staff concludes the review of RG 8.4 with no issues identified for future consideration.

Enclosure:  
Regulatory Guide Periodic Review: RG 8.4

CONTACT: Casper Sun, RES/DSA  
301-415-1646

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