



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

July 5, 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 8.18, "INFORMATION
RELEVANT TO ENSURING THAT RADIATION EXPOSURES AT
MEDICAL INSTITUTIONS WILL BE AS LOW AS IS REASONABLY
ACHIEVABLE"

This memorandum documents the US Nuclear Regulatory Commission (NRC) periodic review of regulatory guide (RG) 8.18, "Information Relevant to Ensuring that Radiation Exposure at Medical Institutions Will Be As Low As is Reasonably Achievable," published in April 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 8.18 with no issues identified for future consideration.

Enclosure:

Regulatory Guide Periodic Review: RG 8.18

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

July 5, 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 8.18, "INFORMATION
RELEVANT TO ENSURING THAT RADIATION EXPOSURES AT
MEDICAL INSTITUTIONS WILL BE AS LOW AS IS REASONABLY
ACHIEVABLE"

This memorandum documents the US Nuclear Regulatory Commission (NRC) periodic review of regulatory guide (RG) 8.18, "Information Relevant to Ensuring that Radiation Exposure at Medical Institutions Will Be As Low As is Reasonably Achievable," published in April 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 8.18 with no issues identified for future consideration.

Enclosure:

Regulatory Guide Periodic Review: RG 8.18

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

DISTRIBUTION:
NON-PUBLIC T. Boyce
B. Thomas
DE r/f

ADAMS Accession No.: ML16174A104

OFFICE	RES/DSA/RPB	RES/DSA/RPB	RES/DSA
NAME	C. Sun	R. Tadesse	M. Case
DATE	07/ 5 /16	07/ 5 /16	07/ 5 /16

OFFICIAL RECORD COPY