



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

May 17, 2017

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

FROM: Tom H. Boyce, Chief /RA/
Regulatory Guidance and Generic Issues Branch
Office of Nuclear Regulatory Research

SUBJECT: RESULTS OF PERIODIC REVIEWS OF DIVISION 8
REGULATORY GUIDES

This memorandum documents the US Nuclear Regulatory Commission (NRC) periodic reviews of regulatory guide (RG) 8.9, "Interpretation of Bioassay Measurements for Estimates of Intake," RG 8.13, "Instruction Concerning Prenatal Radiation Exposure," RG 8.23, "Radiation Safety Surveys at Medical Institutions, RG 8.25, Air Sampling in the Workplace, RG 8.27, "Radiation Protection Training For Personnel at Light-Water-Cooled Nuclear Power Plants," RG 8.29, "Instruction Concerning Risks from Occupational Radiation Exposure," RG 8.36, "Radiation Dose to the Embryo/Fetus," and RG 8.39, "Release of Patients Administered Radioactive Materials."

These RGs provide guidance for radiation surveys at medical institutions, exposures to occupational workers, prenatal doses, exposures to the embryo/fetus, and doses to members of the public. As discussed in Management Directive 6.6, "Regulatory Guides," the NRC staff reviews RGs periodically to ensure that the RGs continue to provide useful guidance. Documentation of the NRC staff reviews is enclosed.

Based on the results of the periodic reviews, the staff concludes that RG 8.9 and RG 8.25 are reviewed with no issues identified, RG 8.13 is reviewed with issues identified for future consideration, RG 8.23 should be withdrawn, and RGs 8.27, 8.29, 8.36, and RG 8.39 should be revised.

Enclosure:
As stated

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ADAMS Accession No: ML17131A322

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