



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
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September 22, 2014

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

FROM: Mike Case, Director **/RA/**
Division of System Analysis
Office of Regulatory Research

SUBJECT: RESULTS OF PERIODIC REVIEW OF REGULATORY GUIDE
(RG) 8.10

This memorandum documents the US Nuclear Regulatory Commission (NRC) periodic review of regulatory guide (RG) 8.10, revision 1-R, "Operating Philosophy for Maintaining Occupational Radiation Exposures as low as is Reasonable Achievable," published in May, 1977. The RG describes the philosophy and requirements for achieving an objective of maintaining radiation, exposures to employees as low as reasonably achievable (ALARA). 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 that a revision to RG 8.10, Revision 1-R, is warranted. The staff plans to develop a draft guide by the fourth quarter of FY15.

Enclosure:
(RG) 8.10, revision 1-R "Operating Philosophy for Maintaining Occupational Radiation Exposures as low as is Reasonable Achievable".

CONTACT: Casper Sun, RES/DSA/RPB
301-251-7912

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