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

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

SUBJECT: RESULTS OF PERIODIC REVIEW OF REGULATORY
GUIDE 8.28

This memorandum documents the U.S. Nuclear Regulatory Commission (NRC) periodic review of Regulatory Guide (RG) 8.28, Revision 0, "Audible-Alarm Dosimeters." 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 review is enclosed.

RG 8.28 provides a program for the appropriate use of audible-alarm dosimeters, including certain conditions under which they should not be relied upon to perform their intended function, to comply with 10 CFR Part 20, "Standards for Protection Against Radiation."

Based on the results of the periodic review, the staff concludes that a revision to RG 8.28 Revision 0 is warranted. The guide endorses an outdated standard by the American National Standards Institute (N13.27) (1981). In addition, other references in the guide are outdated and some of the citations to the regulations are incorrect.

Enclosure:
Regulatory Guide Periodic Review

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