

April 25, 2014

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

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

SUBJECT: RESULTS OF PERIODIC REVIEW OF REGULATORY GUIDE
(RG) 1.145

This is to document the agency's periodic review of RG 1.145, Revision 1, "Atmospheric Dispersion Models for Potential Accident Consequence Assessments at Nuclear Power Plants." The RG dates to 1983. As discussed in Management Directive 6.6 "Regulatory Guides," the NRC staff reviews regulatory guides approximately every five years to ensure that the guides continue to provide useful guidance. Documentation of the staff's review is enclosed.

Based on the results of the periodic review, the staff concludes that no changes to RG 1.145, Revision 1 are warranted at this time. The staff did identify some technical or regulatory issues that warrant addressing in a future revision and they are described in the enclosed review.

Enclosure: As stated

CONTACT: Edward O'Donnell, Program Manager, RES/DE/RGGIB
301-251-7455

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