



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

March 7, 2017

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

FROM: John D. Monninger, Director */RA/*
Division of Safety Systems & Risk Assessment
Office of New Reactors

SUBJECT: RESULTS OF PERIODIC REVIEW OF REGULATORY GUIDE
(RG) 1.78

This memorandum documents the US Nuclear Regulatory Commission (NRC) periodic review of regulatory guide (RG) 1.78, "Evaluating the Habitability of a Nuclear Power Plant Control Room During a Postulated Hazardous Chemical Release" The RG describes guidance on control room habitability during a postulated hazardous chemical release, published in December 2001. As discussed 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 1.78 Revision 1 is warranted. The Office of Nuclear Regulatory Research (RES) Operating Plan lists an action for RES Division of Systems Analysis (RES/DSA) to revise this RG and to submit the draft to RES Division of Engineering Regulatory Guidance and Generic Issues Branch (RES/RGGIB) as part of NRO Research User Need 2011-007.

This memo will be placed in ADAMS. Please let me know if you have any questions.

Enclosure:
Periodic Review of Regulatory Guide 1.78

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301-415-1325

SUBJECT: RESULTS OF PERIODIC REVIEW OF REGULATORY GUIDE (RG) 1.78
DATED March 8, 2017

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ADAMS ACESSION NUMBER: ML17096A704

OFFICE	NRO/DSRA	NRO/DSRA	SUNSI Review	RES/DE/RGGIB	RES/DE/RGGIB
NAME	J. O'Driscoll	J. Monninger	S. Burton	S. Burton	T. Boyce
DATE	3/8/17	3/7/17	4/11/17	4/11/17	4/11/17

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