



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

July 28, 2016

MEMORANDUM TO: Michael E. Mayfield, Director
Division of Engineering, Infrastructure, and Advanced Reactors
Office of New Reactors

Mary B. Spencer, Assistant General Counsel
Reactors and Materials Rulemaking
Office of the General Counsel

Andrea D. Valentin, Executive Director
Office of the Advisory Committee on Reactor Safeguards

FROM: Brian E. Thomas, Director */RA/*
Division of Engineering
Office of Nuclear Regulatory Research

SUBJECT: REQUEST FOR CONCURRENCE ON WITHDRAWAL OF
REGULATORY GUIDE 1.25 "ASSUMPTIONS USED FOR
EVALUATING THE POTENTIAL RADIOLOGICAL
CONSEQUENCES OF A FUEL HANDLING ACCIDENT IN THE
FUEL HANDLING AND STORAGE BUILDING FOR BOILING
AND PRESSURIZED WATER REACTORS"

The purpose of this memorandum is to request concurrence (or concurrence with comments) on the withdrawal of Regulatory Guide (RG) 1.25, "Assumptions used for Evaluating the Potential Radiological Consequences of a Fuel Handling Accident in the Fuel Handling and Storage Building for Boiling and Pressurized Water Reactors." The withdrawal questions and a draft of the Federal Register notice are included in the review package under ADAMS Accession No.ML16173A363. It would be appreciated if your response is provided within 3 weeks of your receipt of this memorandum.

The NRC staff issued RG 1.25 in March 1972 to provide guidance the NRC staff considered acceptable for complying with the NRC's regulations regarding the evaluation of the design basis fuel handling accident. Based on the results of the periodic review, the NRC staff concludes that a revision to RG 1.25 is not warranted and the RG should be withdrawn. The guidance contained in RG 1.25 has been superseded and replaced with newer guidance in RG 1.183, "Alternative Radiological Source Terms for Evaluating Design Basis Accidents at Nuclear Power Plants," and RG 1.195, "Methods and Assumptions for Evaluating Radiological Consequences of Design Basis Accidents at Light-Water Nuclear Power Plants."

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M. Mayfield, et al.,

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This request for the withdrawal of RG 1.25 is being issued concurrently to the program offices for concurrence, the Advisory Committee on Reactor Safeguards for consideration and the Office of the General Counsel for review for no legal objection.

Please contact either of the individuals listed as contacts to resolve any questions or issues.

Enclosures:

1. Withdrawal of RG 1.25
2. Federal Register Notice

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DISTRIBUTION:

M. Banks, ACRS

ADAMS ACCESSION NO: Package: ML16173A363

OFFICE	RES/DE/RGGIB	RES/DE/RGGIB	SUNSI Review	RES/DE/RGGIB	RES/DE
NAME	J. Parks	M. Orr	M. Orr	T. Boyce	B. Thomas
DATE	6/22/16	6/23/16	6/23/16	6/28/16	7/28/16
OFFICE	NRO/DE	OGC (NLO)	ACRS		
NAME	M. Mayfield	M. Spencer	A. Valentin		
DATE	08/02/16	08/03/16	11/10/16		

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