



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

August 19, 2016

MEMORANDUM TO: William M. Dean, Director
Office of Nuclear Reactor Regulation

FROM: Michael F. Weber /RA/
Director of Nuclear Regulatory Research

SUBJECT: TECHNICAL SAFETY ANALYSIS OF PRM-50-93/95, PETITION
FOR RULEMAKING ON 10 CFR 50.46

In a user need memorandum dated April 26, 2010, Eric Leeds requested that RES prepare a technical safety analysis of the subject PRM and recommendations for its resolution. An interoffice working group was formed to evaluate the PRM. The working group consisted of the following staff members:

<u>Name</u>	<u>Office/Division</u>		
Dan Doyle	NRR/DPR	Jim Hickey	NRR/DSS
Robert Beaton	NRR/DSS	Steve Bajorek	RES/DSA
Harold Scott	RES/DSA	John McKirgan	NRO/DSRA
Geary Mizuno	OGC	Tim Collins	NRR/DSS
Ralph Landry	NRO/DSRA	Christian Leatherbury	ADM/RADB

The enclosed report is the staff's analysis of the petition's technical issues. In order to keep the public informed during the staff's review of the issues in this petition, the staff provided four draft interim review reports. Two additional interim reports have been developed to support the enclosed report. These six draft interim review reports were intended to provide an initial draft response and enable the staff to address significant safety issues rapidly had any been identified. These draft interim review reports contain additional details and formed the bases for the final staff positions described in the enclosed summary report.

We understand that this report will support a paper to the Commission and a Federal Register Notice regarding the disposition of PRM-50-93/95. Previously, in working group meetings, the division director alignment meeting, and the six draft interim evaluations, RES and other work group representatives provided information to support the denial of the petition. The enclosed report provides additional information to support a denial. Additionally, RES does not believe that the issues raised in this report affect the ongoing 10 CFR 50.46c (Emergency Core Cooling System Acceptance Criteria) rulemaking.

RES has established an online quality survey to collect feedback from user offices on the usefulness of RES products and services. This survey can be found online at the hyperlink: <http://www.internal.nrc.gov/RES/now/res-product-survey/index.html>. I would appreciate the responsible manager or supervisor completing this short—about 5 minutes—survey within the next 10 working days to present your office's views of the delivered RES product.

W. Dean

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If you have any questions, please contact me (415-1902), Mr. Michael J. Case (415-2508), or Dr. Steve Bajorek (415-2345).

Enclosure
As stated

TECHNICAL SAFETY ANALYSIS OF PRM-50-93/95, PETITION FOR RULEMAKING ON 10 CFR 50.46 DATED AUGUST 18, 2018.

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OFFICE	RES/DSA	RES/DSA	BC: RES/DSA	D:RES/DSDA	D:RES
NAME	K. Halvey Gibson	S. Bajorek	S. Elkins	M. Case	M. Weber
DATE	03/21/16	4/15/16	4/6/16	8/4/16	8/19/16

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