

{{date:long}}

Ralph O. Meyer
28705 Hope Circle
Easton, MD 21601

Dear Ralph O. Meyer:

This letter is in response to the petition for rulemaking (PRM) that you submitted to the U.S. Nuclear Regulatory Commission (NRC) on August 1, 2022 (Agencywide Documents Access and Management System Accession No. ML22284A087). You requested that the NRC revise the acceptance criteria for emergency core cooling system performance in Section 50.46, "Acceptance criteria for emergency core cooling systems for light-water nuclear power reactors," of Title 10 of the *Code of Federal Regulations*.

On November 23, 2022 (87 FR 71531), the NRC published in the *Federal Register* a notice of acceptance and docketing of your petition as PRM-50-124, which included a request for public comments. The comment period was extended by 1 month (88 FR 7012; February 2, 2023) and closed on March 8, 2023. The NRC received nine comment submissions.

The NRC has reviewed your petition and the public comments submitted prior to March 31, 2023. For the reasons provided in the enclosed notice, the NRC will consider your petition in the ongoing rulemaking for "Increased Enrichment of Conventional and Accident Tolerant Fuel Designs for Light-Water Reactors."

Public comments and supporting materials related to this petition can be found at <https://www.regulations.gov>, by searching for Docket ID NRC-2022-0178. Information regarding the ongoing rulemaking for "Increased Enrichment of Conventional and Accident Tolerant Fuel Designs for Light-Water Reactors" can be found at <https://www.regulations.gov>, by searching for Docket ID NRC-2020-0034.

The docket for this petition is closed. You may direct any questions regarding this matter to Blake Purnell at 301-415-1380 or via e-mail at Blake.Purnell@nrc.gov.

Sincerely,

Tomas Herrera
Deputy Secretary of the Commission

Enclosure:
Federal Register notice

SUBJECT: RALPH O. MEYER—PETITION FOR RULEMAKING ON LICENSING SAFETY
ANALYSIS FOR LOSS-OF-COOLANT ACCIDENTS (PRM-50-124;
NRC-2022-0178) DATED XX/XX/XXXX

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**ADAMS Accession Nos.: ML23180A062 (Package); ML23180A080 (Letter);
ML23180A064 (FRN)**

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