

Rulemaking1CEm Resource

From: RulemakingComments Resource
Sent: Monday, May 05, 2014 3:10 PM
To: Rulemaking1CEm Resource
Cc: RulemakingComments Resource
Subject: Comment on PR-50 and PR-51 - Performance-Based Emergency Core Cooling Systems Cladding Acceptance Criteria
Attachments: Comment 7 Ralph Meyer.pdf

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NRC DOCKET#: NRC-2008-0332, NRC-2012-0041, NRC- 2012-0042, NRC-2012-0043

SECY DOCKET DATE: 04/28/14

TITLE: Performance-Based Emergency Core Cooling Systems Cladding
Acceptance Criteria

COMMENT#: 007

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Subject: Comment on PR-50 and PR-51 - Performance-Based Emergency Core Cooling Systems Cladding Acceptance Criteria
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Nuclear Engineering Division
Argonne National Laboratory
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April 18, 2014

Secretary
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

ATTN: Rulemaking and Adjudications Staff

SUBJECT: RIN 3150-AH42, Comments on Proposed Rule, Performance-Based Emergency Core Cooling Systems Cladding Acceptance Criteria.

While still employed by NRC, I wrote a report on fuel behavior under abnormal conditions. It was written in a tutorial style to pass along institutional knowledge to newer staff members. Fully half (20 pages) of this little report is about loss-of-coolant accidents, and I always thought the report would be helpful to individuals involved with the subject rule change who might not be familiar with the fuel-specific phenomena. Because of delays in publication, the report was not available at the time of the ANPR, and the existence of this report may not be widely known. Therefore, as a comment on the proposed rule, I would like to point out the availability of this report in the NRC document system, ADAMS.

R. O. Meyer, *Fuel Behavior under Abnormal Conditions*, NUREG/KM-0004, January 2013, ADAMS Accession No. ML13028A421.

Sincerely,

A handwritten signature in cursive script that reads "Ralph O. Meyer".

Ralph O. Meyer
STA Sr. Nuclear Engineer
(USNRC, retired)

The views expressed here are the authors and do not necessarily represent the views of Argonne National Laboratory.