

From: [Andrukat, Dennis](#)
To: det@nei.org
Bcc: [Malave-Velez, Yanely](#); [Andrukat, Dennis](#)
Subject: Status Update for PRM-50-75 | September 2019
Date: Wednesday, September 04, 2019 1:14:00 PM

Mr. Doug True (for Mr. Anthony R. Pietrangelo) :

I am contacting you to provide a status update on the petition for rulemaking Mr. Anthony R. Pietrangelo submitted to the U.S. Nuclear Regulatory Commission (NRC), dated February 6, 2002, on behalf of the Nuclear Energy Institute (NEI). Mr. Pietrangelo requested that the NRC amend its regulations in Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.46, "Acceptance Criteria for Emergency Core Cooling Systems for Light-Water Nuclear Power Reactors", 10 CFR Part 50 Appendix A, "General Design Criteria for Nuclear Power Plants" and 10 CFR Part 50, Appendix K, "ECCS Evaluation Models" to allow the use of an alternative to the currently required double-ended rupture of the largest pipe in the reactor coolant system in emergency core cooling system (ECCS) evaluation models. Mr. Pietrangelo requested that the NRC revise applicable regulations to require adherence with current American Concrete Institute standards and American Society of Mechanical Engineers codes.

The NRC docketed Mr. Pietrangelo's letter as petition for rulemaking PRM-50-75, and the NRC published a notice of receipt in the *Federal Register* on April 8, 2002, (67 FR 16654). The comment period closed on June 24, 2002. The agency received eighteen comment letters. As stated in the NRC letter dated October 15, 2008, the NRC determined that the issues raised in PRM-50-75 were appropriate for consideration and, in fact, the agency was considering them in the "Risk-Informed Redefinition of Large Break Loss-of-Coolant Accident (LOCA) ECCS Requirements" rulemaking (Docket ID: NRC-2004-0006). This rulemaking proposed revisions to the NRC regulations in 10 CFR Part 50 that address licensing of production and utilization facilities in which the issues raised by PRM-50-75 would be resolved. Substantive comments received on PRM-50-75 in response to the April 8, 2002, notice of receipt would be addressed as part of the Risk-Informed Redefinition of Large Break LOCA ECCS Requirements rulemaking. However, on October 6, 2016, the NRC published a notice in the *Federal Register* (81 FR 69446) informing the public of the discontinuation of this rulemaking. In the notice, the NRC stated that PRM-50-75 would be addressed by alternative means and that the NRC will issue a separate *Federal Register* document to disposition PRM-50-75.

The status of PRM-50-75 can be found at the NRC Rules and Petition page at <https://www.nrc.gov/reading-rm/doc-collections/rulemaking-ruleforum/active/PetitionIndex.html>. At this Web site there is a link to a listing of all active NRC PRMs. You can monitor this site for status updates as they become available.

You can monitor the docket for your petition on the Federal rulemaking Web site, <http://www.regulations.gov>, by searching on Docket ID NRC-2002-0018. The Federal rulemaking Web site allows you to receive alerts when changes or additions occur in a docket folder. To subscribe: 1) navigate to the docket folder (NRC-2002-0018); 2) click the "E-mail Alert" link; and 3) enter your e-mail address and select how frequently you would like to receive e-mails (daily, weekly, or monthly).

Please feel free to contact me at Dennis.Andrukat@nrc.gov or (301) 415-3561 if you have questions or concerns.

Sincerely,
Dennis

Dennis Andrukat

Project Manager

Division of Rulemaking

Office of Nuclear Material Safety and Safeguards

301-415-3561

Dennis.Andrukat@nrc.gov