

From: [Foli, Adakou](mailto:Foli.Adakou)
To: magnuson28@msn.com
Cc: [Berrios, Ilka](#); [Sahle, Solomon](#)
Subject: Status of Petition for Rulemaking, "Alternative Radiological Source Terms for Evaluating Design Basis Accidents at Nuclear Power Reactors," (PRM-50-122; NRC 2020 0150)
Date: Wednesday, May 5, 2021 5:40:00 PM

Dear Mr. Magnuson,

I am writing to provide you with an update on the petition for rulemaking (PRM) that you submitted to the U.S. Nuclear Regulatory Commission (NRC) on May 31, 2020 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML20170B161). On June 18, 2020, the NRC docketed your petition pursuant to § 2.803 of Title 10 of the Code of Federal Regulations (10 CFR), "Petition for rulemaking — NRC action." Please reference this docket number on any correspondence you may have concerning the petition. On August 24, 2020, the NRC published a notice of docketing and a request for comment for your petition in the Federal Register (85 FR 52058). The comment period closed on November 9, 2020. Your petition has been assigned Docket Number PRM-50-122. Please reference this docket number on any correspondence you may have concerning the petition.

In your petition, you requested that the NRC revise its regulations to 1) codify source term methodologies and the corresponding release fractions in Sandia National Laboratories Report SAND2008-6601, "Analysis of Main Steam Isolation Valve Leakage in Design Basis Accidents Using MELCOR 1.8.6 and RADTRAN," (ADAMS Accession No. ML083180196) and 2) codify a modified version of Draft Regulatory Guide DG-1199, "Alternative Radiological Source Terms for Evaluating Design Basis Accidents at Nuclear Power Reactors," (ADAMS Accession No. ML090960464) that would include the source term methodologies recommended in SAND2008-6601 and the corresponding release fractions.

The NRC is reviewing your petition and the public comments received in response to the August 24, 2020, Federal Register notice. The working group assigned to the PRM has reviewed the merits of your petition and the public comments and has planned to brief a petition review board this month on the outcome of their review. Based on the decision of the petition review board, the NRC staff will prepare a recommendation to the Commission and the Commission will make and issue the final decision on your petition.

You can monitor the status of your petition on the Federal rulemaking Web site, <https://www.regulations.gov>, by searching on Docket ID NRC-2020-0150. In addition, 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-2020-0150; (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). The NRC also tracks all petition actions on its Web site at <https://www.nrc.gov/about-nrc/regulatory/rulemaking/rules-petitions.html> and <https://www.nrc.gov/reading-rm/doc-collections/rulemaking-ruleforum/petitions-by-year.html>

Please feel free to contact me at Adakou.Foli@nrc.gov or 301-415-1984 if you have any additional questions.

Sincerely,

Adakou Foli