

From: Justin Hudson
Sent: Thursday, July 3, 2025 7:48 AM
To: ext_James_Adams
Cc: ext_Thomas_Newton; Jeff Rady; Cindy Montgomery
Subject: Acceptance of Reclassification LAR

Dear Dr. Adams:

By letter dated May 28, 2025 (Agencywide Documents Access and Management System Accession No. ML25150A404), National Institute of Standards and Technology submitted an amendment to Facility Operating License No. TR-5 for the National Bureau of Standards Reactor (NBSR). The license amendment request (LAR) proposes to reclassify the NBSR from a testing facility to a research reactor.

Consistent with Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.90, "Application for amendment of license, construction permit, or early site permit," an application to amend a license (including the technical specifications) must be filed with the Commission, as specified in 10 CFR 50.4, "Written communications." The application must fully describe the changes desired, and follow, as far as applicable, the form prescribed for the original application. Section 50.34, "Contents of applications; technical information," of 10 CFR addresses the content of technical information required and stipulates that the submittal address the design and operating characteristics, unusual or novel design features, and principal safety considerations.

The NRC staff performed an acceptance review of the LAR and concluded that it includes sufficient information for the NRC staff to begin its detailed technical review. Notwithstanding the acceptance review, the NRC staff may require additional information to complete the detailed technical review. If needed, the NRC staff will request this information by separate correspondence.

Based on the acceptance review, the NRC staff has estimated that the review for this LAR will take approximately 120 hours to complete. The NRC staff expects to complete its review and make a final determination on the LAR by July 31, 2026.

This date could change due to several factors, including requests for additional information, unanticipated changes to the scope of the review, unsolicited supplements to the LAR, and others. If the forecasted completion date changes or significant changes in the forecasted hours, the NRC staff will notify you in writing the reasons for the changes along with the new estimates.

If you have any questions, please contact me at (301) 287-0538 or via email at Justin.Hudson@nrc.gov.

Sincerely,

Justin Hudson

Project Manager, Non-Power Production and Utilization Facility Licensing Branch (UNPL)
NRR/DANU
U.S. Nuclear Regulatory Commission
(301)287-0538

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