

June 11, 2024

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

Subject: Second Nuclear Safety Culture Assessment Report

Ref: NBSR Facility License TR-5, Docket 50-184

Dear Sir or Madam:

This submission addresses section V.2.a.vii of the NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY, CENTER FOR NEUTRON RESEARCH – CONFIRMATORY ORDER (CO), EA 21-148, August 1, 2022. Specifically:

V.2.a.vii. Within 12 months of completing the initial assessment, the consultant will perform a second assessment to ensure the sustainability and effectiveness of the corrective actions within the identified areas. Within 30 days of receiving the report, NCNR will submit a copy of the second assessment report to the NRC.

The second independent nuclear safety culture assessment took place between March 27, 2024, and June 3, 2024. The associated report dated June 7, 2024, includes 15 positive observations (PO) and areas of strength (AOS) and outlines 13 areas for improvement (AFI) and areas in need of attention (ANA) that will be addressed as part of the Integrated Performance Improvement Plan (IPIP). For details on the IPIP development process, refer to the letter submitted to NRC on January 23, 2024, Subject: Nuclear Program Assessments Response and Leadership Accountability Letter.

Please contact Dr. Thomas H. Newton with any questions regarding the information presented herein. Dr. Newton may be contacted at 301-975-6260 or [Thomas.newton@nist.gov](mailto:Thomas.newton@nist.gov).

Sincerely,

Dr. James M. Adams  
Director  
NIST Center for Neutron Research

Attachment:

- Independent Third-Party Second Nuclear Safety Culture Assessment of the NIST Center for Neutron Research Revision 1, June 7, 2024.