



CHAIR

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

April 24, 2023

Greyson Buckingham, President
and Chief Executive Officer
Disa Technologies, Inc.
1653 English Avenue
Casper, WY 82601

Dear Greyson Buckingham:

On behalf of the U.S. Nuclear Regulatory Commission (NRC), I am responding to your December 20, 2022, letter requesting that the Commission review the NRC staff's November 2022 determination to not accept Disa Technologies, Inc.'s (Disa) August 1, 2022, license application for a multi-site, source materials license to use high-pressure slurry ablation technology to remediate contaminated sites.

Specifically, the NRC staff determined that the technology described in the application met the definition of milling under Title 10 of the *Code of Federal Regulations* (10 CFR) Part 40, "Domestic Licensing of Source Material." The staff did not accept Disa's application for a detailed licensing review because the requirements in Appendix A of 10 CFR Part 40, "Criteria Relating to the Operation of Uranium Mills and the Disposition of Tailings or Wastes Produced by the Extraction or Concentration of Source Material From Ores Processed Primarily for Their Source Material Content," were not addressed.

Following a public briefing on low-level waste activities earlier this year, the Commission directed the staff to provide a notation vote paper evaluating the advantages and disadvantages of different options for the licensing of emerging technologies used for remediation of mine waste.¹ The staff is currently preparing a response to the Commission.

If you have any questions or need additional information, please contact Jane Marshall at (301) 415-2918, or by email at Jane.Marshall@nrc.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "C. T. Hanson", written in a cursive style.

Christopher T. Hanson

¹ See Staff Requirements Memorandum (SRM)-M230126, "Strategic Programmatic Overview of the Decommissioning and Low-Level Waste and Nuclear Materials Users Business Lines" ([ML23047A448](#)).