



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

September 30, 2025

Greyson Buckingham, CEO  
DISA Technologies, Inc.  
1010 Falcon Avenue  
Mills, WY 82644  
[greyson@disausa.com](mailto:greyson@disausa.com)

SUBJECT: ISSUANCE OF NRC SOURCE MATERIALS LICENSE NO. SUA-1605, DISA TECHNOLOGIES, INC, DOCKET 40-38417

Dear Mr. Buckingham:

In a letter dated March 21, 2025 (Agencywide Documents Management and Access System [ADAMS] Accession No. ML25087A094), DISA Technologies, Inc (DISA) submitted a license application for a multi-site service provider license for its high-pressure slurry ablation (HPSA) technology to remediate abandoned uranium mine waste. Through a letter dated April 11, 2025, the U.S. Nuclear Regulatory Commission (NRC) staff informed DISA that they completed their acceptance review of the license application and found that it contained sufficient information for the staff to begin their detailed technical review. On May 12, 2025, a notice of an opportunity to request a hearing and to petition for leave to intervene on this licensing proceeding was published in the *Federal Register* (90 FR 20193). No petitions were filed.

The NRC staff prepared a draft generic environmental assessment (EA) to address the potential environmental impacts of the proposed licensing action in accordance with 10 CFR Part 51. The draft generic EA (ML25216A003) was published for a 30-day public comment period on August 8, 2025 (90 FR 38514). The staff received and responded to DISA's comments on the draft generic EA (ML25255A020). The final generic EA (ML25265A212) determined there would be no significant impact from the proposed licensing action if certain assumptions about HPSA operations and site conditions are met at each site. Accordingly, the NRC determined not to prepare an environmental impact statement for the proposed action and issued a generic finding of no significant impact on September 29, 2025 (90 FR 46663).

The NRC staff requested additional information (RAI) on the license application from DISA in a letter dated June 2, 2025 (ML25141A028). DISA responded to this request by letter June 16, 2025 (ML25167A328). The NRC determined DISA's RAI response did not include enough detail for staff to make the safety decisions required to complete the application review. Therefore, staff conducted a regulatory audit of the RAI responses in accordance with the audit plan issued in letter dated July 8, 2025 (ML25189A159). To finalize audit information, DISA submitted supplemental information to their March 2025 license application on July 31, August 4, and August 8, 2025 (ML25216A267) documenting additional information and commitments made during the audit. The NRC staff issued an audit summary report on August 6, 2025 (ML25217A286).

The NRC staff has completed its review of the March 2025 application, the response to RAIs, and the application supplement and has determined that they provide reasonable assurance that operation of this possession-only license is in accordance with the standards and requirements of the Atomic Energy Act of 1954, as amended, as well as the NRC's rules and regulations.

License No. SUA-1605 is attached and is effective as of the date of issuance (Enclosure 1, ML25226A191). The documentation for the NRC staff's determination is in the enclosed safety evaluation report (Enclosure 2, ML25226A192). DISA commented on the license conditions in email dated September 17, 2025 (ML25268A196) and agreed to the final license conditions through email dated and September 23, 2025 (ML25268A130).

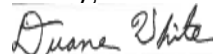
This license requires that site-specific pre-mobilization notifications (PMN) are submitted to the NRC at least 90 days prior to DISA's intended mobilization to each site for HPSA remediation. Staff will perform a safety review of the PMN within 90 days and inform DISA of the result. Staff will also confirm the assumptions about HPSA operations and site conditions from the final generic EA are met at each site and complete any site-specific environmental review within the 90-day period. Following HPSA remediation, DISA will submit the demobilization notification (DMN) to NRC within 30 days after completing remediation at each site. If the NRC finds that the DMN is not acceptable, DISA shall submit within 30 days after that determination a plan for resolving outstanding issues, including the timeframe for resolution. The requirements for the PMN and DMN are provided in license condition 19.

In addition, the license possession limit reflects the phased licensing approach DISA proposed regarding completion of a pilot study prior to implementing in-the-field HPSA remediation at AUM waste sites. Following the demonstrated efficiency and the NRC staff's review and acceptance of the results from the pilot study, the NRC will issue an administrative amendment to the enclosed license to authorize DISA to possess unlimited quantities of source material. A license condition regarding the pilot study is provided in license condition 17.

In accordance with 10 CFR Section 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's ADAMS. ADAMS is accessible from the NRC Web site at <https://www.nrc.gov/reading-rm/adams.html>.

If you have any questions, please contact the NRC Project Manager for this license, Priya Yadav, by e-mail at [Priya.Yadav@nrc.gov](mailto:Priya.Yadav@nrc.gov) or by phone at 301-415-6667.

Sincerely,



Signed by White, Duane  
on 09/30/25

Duane E. White, Chief  
Low-Level Waste and Projects Branch  
Division of Decommissioning, Uranium Recovery  
and Waste Programs  
Office of Nuclear Material Safety  
and Safeguards

Docket Number: 040-38417

Enclosures:

1. Source Materials License No. SUA-1605
2. Safety Evaluation Report for DISA  
Technologies Multi-site Service Provider  
License Abandoned Uranium Mine Waste  
Remediation

cc: Stephen Cohen, DISA Inc.  
([s.cohen@disausa.com](mailto:s.cohen@disausa.com))

LISTSERV

DISA Technologies Source Materials License and Safety Evaluation Report DATE September 30, 2025

DISTRIBUTION:

ADAMS Accession No.: ML25226A188; Ltr ML25226A190

\* via email

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