ARC/NRC-PM-009
Docket No. 99902103

March 31, 2025

US Nuclear Regulatory Commission (NRC)
ATTN: Document Control Desk
Washington, DC 20555-0001

Subject: ARC Clean Technology, Inc (ARC)
Meeting Request for the Week of May 19th, 2025

This letter requests a meeting with the NRC staff during the week of May 19, 2025. The major topics of the meeting are listed below:

1. Power Conversion System - Supercritical Carbon Dioxide Brayton recuperated cycle with Dry Towers (banks of air heat exchangers).
2. Auxiliary systems connected to primary and secondary sodium and NaK systems – primary and intermediate sodium processing and purification systems, and cover gas processing systems.
3. ARC-100 Decommissioning Program Plan

In addition, we request some time for additional information we would provide on the Fuel Qualification Program, in response to the information the NRC has provided to date related to our Fuel Qualification White Paper. We would also like to present an update to the Probabilistic Risk Assessment material shared with the NRC and discussed during the meetings of March and November 2024.

ARC will provide the information (presentation slides and relevant reports, both the public (redacted) and non-public versions) to the NRC no later than 10 days before the meeting.

Since this would be the fifth and final "formal" meeting of the Regulatory Engagement Plan (one "informal' meeting is expected to occur prior to the end of the ARC-20 contract), if the NRC has other specific areas they would like us to address, please let us know.

Should a date during that week of the 19th not be suitable, we would support a date after Memorial Day.

If you have any questions or need any additional information, please contact me at riotti@arc-cleantech.com or (732) 890-3602; or Raymond Burski, ARC 100 Licensing Director at rburski@arc-cleantech.com or (504) 909-6436.

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cc (w/enclosure)

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