



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

April 18, 2023

CHAIR

Tyler Ellis, Ph.D.  
Commonwealth Fusion Systems  
117 Hospital Road  
Devens, MA 01434

Dear Dr. Ellis:

On behalf of the U.S. Nuclear Regulatory Commission (NRC), I am responding to your March 10, 2023, letter regarding the NRC's efforts to establish a regulatory framework for fusion energy systems. We appreciate your recognition of the effort the staff has undertaken to develop the regulatory options detailed in SECY-23-0001, "Options for Licensing and Regulating Fusion Energy Systems," dated January 3, 2023,<sup>1</sup> and for your continued engagement in providing information for the Commission's consideration.

The Commission recently approved the staff's option to regulate fusion energy systems under the NRC's byproduct material framework contained in Title 10 of the Code of Federal Regulations, Part 30, "Rules of General Applicability to Domestic Licensing of Byproduct Materials," and associated regulations. We encourage you and other stakeholders to stay engaged as the NRC staff embarks on a limited-scope rulemaking to implement this decision.

Thank you for your continued interest in our work in this area. If you have any questions or need additional information, please contact Steven Lynch, Chief of the Advanced Reactor Policy Branch, at (301) 415-1524 or by sending an email to [Steven.Lynch@nrc.gov](mailto:Steven.Lynch@nrc.gov).

Sincerely,

Christopher T. Hanson

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<sup>1</sup> See <https://www.nrc.gov/docs/ML2227/ML22273A178.html>