



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

March 15, 2023

The Honorable Lori Trahan  
United States House of Representatives  
Washington, DC 20515

Dear Representative Trahan:

On behalf of the U.S. Nuclear Regulatory Commission (NRC), I am responding to your February 8, 2023, letter regarding the NRC's efforts to establish a regulatory framework for fusion energy systems. As noted in your letter, the NRC staff has been actively engaged with stakeholders over the past several years on current fusion technologies, including their processes and hazards. These interactions informed the development of the regulatory framework options presented by the NRC staff in SECY-23-0001, "Options for Licensing and Regulating Fusion Energy Systems," dated January 3, 2023, which is currently before the Commission for its consideration.

I appreciate and share your interest in ensuring that the NRC has a safe, effective, and efficient framework for licensing and regulating fusion energy systems. The Commission is actively deliberating on the options presented by the staff and keeping these important elements in mind.

If you have any questions or need additional information, please contact me or have your staff contact Eugene Dacus, Director of the Office of Congressional Affairs, at (301) 415-1776.

Sincerely,

Christopher T. Hanson

Identical letter sent to:

The Honorable Lori Trahan  
United States House of Representatives  
Washington, DC 20515

The Honorable Donald S. Beyer, Jr.  
United States House of Representatives  
Washington, DC 20515

The Honorable Jay Obernolte  
United States House of Representatives  
Washington, DC 20515

The Honorable Charles J. Fleischmann  
United States House of Representatives  
Washington, DC 20515