PUBLIC MEETING ANNOUNCEMENT

Title:	Virtual Public Meeting on Developing Options for a Regulatory Framework for Fusion Energy Systems
Date(s) and Time(s):	September 16, 2021, 10:00 AM to 12:30 PM ET
Location:	Webinar
Category:	This is a Comment-Gathering Meeting. The purpose of this meeting is for NRC staff to meet directly with individuals to receive comments from participants on specific NRC decisions and actions to ensure that NRC staff understands their views and concerns.
Purpose:	The Nuclear Regulatory Commission (NRC) staff is hosting a webinar to provide an opportunity for external stakeholders and the NRC staff to exchange information on the NRC's development of a regulatory framework for the possible commercial deployment of fusion energy systems.

Contact:		
	Juan Uribe	William Reckley
	301-415-3809	301-415-7490
	Juan.Uribe@nrc.gov	William.Reckley@nrc.gov

Participants:	NRC	External
	Office of Nuclear Reactor Regulation	Industry Representatives

Webinar:	URL	Meeting Number	Password
	https://teams.microsoft.com/l/meetup-join/19%3ameeting_YTY0OGY1MGMtMjQ5ZC00ZGJlLTkwNGUtN2ZiNTFkZjA1NjFj%40thread.v2/0?context=%7b%22Tid%22%3a%22e8d01475-c3b5-436a-a065-5def4c64f52e%22%2c%22Oid%22%3a%22c024994e-2d8a-4ed5-a862-4b2fe996257c%22%7d	359 303 434#	N/A

Comments: In addition to the webinar link provided, participants can alternatively call into the meeting by using the following Microsoft Teams bridgeline and conference ID:

Bridgeline: 301-576-2978
Conference ID: 359 303 434#

For additional details, please call the NRC meeting contact listed on the NRC Public Meeting Schedule or call the NRC's toll-free number, 1-800-368-5642, and ask the operator to be connected to the meeting contact Juan Uribe.

Stakeholders that wish to make opening remarks should inform the meeting contact no later than close of business on September 14, 2021

The NRC provides reasonable accommodations to individuals with disabilities where appropriate. If you need a reasonable accommodation to participate in a meeting or need a meeting notice or the transcript or other information from a meeting in another format (e.g. braille, large print), please contact Anne Silk, NRC Reasonable Accommodations Coordinator, at Anne.Silk@nrc.gov or call directly at 301-287-0745. Determinations on requests for reasonable accommodation will be made on a case-by-case basis. Ten (10) days' advance notice is requested to try to ensure availability; however, every effort will be made to address a request for reasonable accommodations with less notice.

PUBLIC MEETING AGENDA

Virtual Public Meeting on Developing Options for a Regulatory Framework for Fusion Energy Systems

September 16, 2021, 10:00 AM to 12:30 PM ET

Webinar

Time	Topic	Speaker
10:00-10:15am	Introduction/Opening Remarks	NRC
10:15-11:45am	Perspectives on Fusion Activities in the United Kingdom	UKAEA
11:45-12:00pm	General Discussion	All
12:00-12:15pm	Perspectives on a Graded Approach to Fusion Regulation	NRC
12:15-12:30pm	Questions/Next Steps/Closing Remarks	

To support the ongoing discussions and topics for future public meetings, the staff is releasing a set of general questions to gather insights related to a regulatory approach that would be graded, such that regulatory compliance is commensurate with the associated risk of the technology and the facility. These general questions will be discussed at the public meeting scheduled for September 16, 2021.

In the context of having a technology-inclusive, regulatory framework that is graded such that regulatory compliance is commensurate with associated risk:

1)What advantages/disadvantages would stem from categorizing fusion systems based on estimated offsite consequences as one of the many different decision-making criteria tiers? What are examples of potential tiers based on estimated offsite consequence for staff consideration?

2)What advantages/disadvantages would stem from categorizing fusion systems based on inventory limits of byproduct material (such as tritium) as one of the many different decision-making criteria tiers? What are examples of potential tiers based on inventory limits of byproduct material for staff conside

3)What advantages/disadvantages would stem from categorizing fusion systems based on power output (MWe) as one of the many different decision-making criteria tiers? What are examples of potential tiers based on power output for staff consideration?

4)What advantages/disadvantages would stem from categorizing fusion systems based on the fusion reaction being applied (neutronic [DT, DD, TT] or aneutronic [DHe3, pLi6, pB11]) as one of the many different decision-making criteria tiers?

What would be the expected difference in the level of safety systems between fusion facilities for these two types of fusion reactions?

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Distribution:

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Link to meeting details: https://www.nrc.gov/pmns/mtg?do=details&Code=20211104

Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings"
67 Federal Register 36920, May 28, 2002
The policy statement may be found on the NRC website
http://www.nrc.gov/reading-rm/doc-collections/commission/policy/67fr36920.html