



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

September 21, 2026

MEMORANDUM TO: Laurel Bauer, Chief
Advanced Reactor Licensing Branch 5
Division of Advanced Reactor Licensing
Office of Advanced Reactors

FROM: Megan Gangewere, Project Manager */RA/*
Advanced Reactor Licensing Branch 5
Division of Advanced Reactor Licensing
Office of Advanced Reactors

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF THE
AUGUST 17, 2026, PUBLIC MEETING TO DISCUSS BLUECORE
ENERGY, INC'S., PRE-APPLICATION ENGAGEMENT AND FLOATING
NUCLEAR POWER PLANT DESIGN

The U.S. Nuclear Regulatory Commission (NRC) staff conducted an observation public teleconference meeting with BlueCore Energy, Inc. (BlueCore), on August 17, 2026. The purpose of the meeting was for BlueCore to introduce its company and present an overview of its floating nuclear power plant design. The meeting included an open portion with a public comment period and a closed portion of the meeting where proprietary information was discussed. This was the first pre-application meeting held with BlueCore. Additionally, the United States Coast Guard was invited to attend both portions of the public meeting. No regulatory decisions were made as a result of this meeting.

The meeting notice can be found in the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML26205A104. The meeting notice was also posted on the NRC public website.

The meeting agenda, list of attendees, and meeting summary are enclosed, respectively. BlueCore's briefing materials can be found in ADAMS (ML26223A523).

Docket No.: 99902177

Enclosures:
As stated

cc: w/encl.: BlueCore Energy, Inc.

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AUGUST 17, 2026, PUBLIC MEETING TO DISCUSS BLUECORE
ENERGY, INC'S., PRE-APPLICATION ENGAGEMENT AND FLOATING
NUCLEAR POWER PLANT DESIGN DATED: SEPTEMBER 21, 2026

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ADAMS Accession No.: ML26238A330
SCD: ML26288A317

U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF THE AUGUST 17, 2026

PUBLIC MEETING TO DISCUSS BLUECORE ENERGY, INC'S., PRE-APPLICATION

ENGAGEMENT AND FLOATING NUCLEAR POWER PLANT DESIGN

Meeting Agenda

<u>Time</u>	<u>Topic</u>	<u>Speaker</u>
12:00 p.m. – 12:10 p.m. (EST)	Open Portion Commences: Introductions and Opening Remarks	NRC
12:10 p.m. - 12:25 p.m.	BlueCore's Presentation: NRC Pre- Application Kickoff Meeting for the Nautilus Floating Nuclear Power Plant (ML26223A524)	BlueCore
12:25 p.m. - 12:30 p.m.	Questions and Comments	NRC/USCG/Public
12:30 p.m.	Adjourn Open Portion	NRC
12:30 p.m. - 1:30 p.m.	Closed Portion Commences	NRC/USCG/BlueCore
1:30 p.m.	Adjourn Closed Portion	NRC

U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF THE AUGUST 17, 2026
PUBLIC MEETING TO DISCUSS BLUECORE ENERGY, INC'S., PRE-APPLICATION
ENGAGEMENT AND FLOATING NUCLEAR POWER PLANT DESIGN

List of Attendees

<u>Name</u>	<u>Organization</u>
Megan Gangewere	U.S. Nuclear Regulatory Commission (NRC)
Laurel Bauer	
Alec Neller	
Brian Bettes	
Jadin Swarts	
Jeff Correll	
Michelle Hart	
Kenneth Mott	
Santosh Bhatt	
Edward Robinson	
Jenise Thompson	
Maureen Conley	
Kofi Asante	BlueCore
Megan Moyette	
William Zimmer	
Andrew Phillips	
Jonathan Kyle	
Kwadwo Adutwum	
Justin Goff	United States Coast Guard (USCG)
Shannon Andrew	
Matthew Hahn	Department of Energy/NE
Savannah Fitzwater	
Deric Tilson	The Breakthrough Institute (BTI)
Donna M. Christiansen	INPO
Jake Mitstifer	Blue Energy
Jack Rae	Core Power
Thomas Braudt	Aalo
Mary H Miller	Dominion Energy
Lisa Matis	Tetra Tech
Sarah Gibboney	Public Member
Ed Moltzen	Public Member

U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF THE AUGUST 17, 2026

PUBLIC MEETING TO DISCUSS BLUECORE ENERGY, INC'S., PRE-APPLICATION

ENGAGEMENT AND FLOATING NUCLEAR POWER PLANT DESIGN

MEETING SUMMARY

On August 17, 2026, the U.S. Nuclear Regulatory Commission (NRC) staff conducted an observation public teleconference meeting with BlueCore Energy, Inc. (BlueCore), to discuss pre-application engagement for its Nautilus Floating Nuclear Power Plant. This was the first public meeting held with BlueCore and included an open and closed portion. Due to the maritime application of its design, staff from the United States Coast Guard (USCG) attended both portions of this meeting. No regulatory decisions were made during this meeting.

The open portion of the meeting began with opening remarks from the NRC staff, including an overview of the NRC staff's ongoing work in maritime nuclear regulation and an introduction of participants. BlueCore then provided a presentation (Agencywide Documents Access and Management System Accession No. ML26223A523) to introduce its company and its floating nuclear power plant design, which included the following topics:

- Safety Culture
- Company Overview
- Key Partners
- Nautilus Floating Nuclear Power Plant Technology
- General Barge Arrangement

Following the presentation, the NRC staff asked BlueCore clarifying questions regarding its technology, design concept and plans for its emergency planning zones. BlueCore confirmed that its planned design will have one reactor unit per barge; the barge will be the site boundary for external hazards analysis; and the reactor would only be operated critically while docked at the port of Long Beach, California. BlueCore noted, if transportation was necessary, the reactor would only be transported in a subcritical state. Additionally, BlueCore confirmed that the emergency planning zones would be aligned with Title 10 of the *Code of Federal Regulations* (10 CFR) 50.47, "Emergency plans," for reactors with an authorized power level less than 250 megawatt thermal.

The USCG staff also asked a clarifying question and confirmed BlueCore's current plan is to utilize an existing barge and that a new barge will not be built for this application. BlueCore noted that the Elliott Bay Design Firm is providing calculations and analysis for its power plant to be placed on top of the barge. BlueCore confirmed that it plans to integrate these design analyses and conclusions into its final design.

During the public comment period, there was one comment and question from a member of The Breakthrough Institute (BTI). The member of the public expressed their appreciation for allowing the public to attend and for the NRC staff's pre-application engagement with new reactor companies. The question regarded the recent moratorium on nuclear reactors throughout the state of California; and the state and local laws for a nuclear reactor on a barge near the metropolitan population of Long Beach, California. In response, BlueCore reiterated its key

partnerships and active engagements with the local community for this first-time application of a reactor stationed at a major port. The NRC staff added to the response regarding emergency planning zones and noted that the NRC would follow approved processes for establishing these zones and consider the radiological dose consequence of the smaller reactor size during reviews.

During the closed portion of the public meeting, the NRC staff, BlueCore personnel, and USCG staff discussed BlueCore's initial regulatory strategy and pre-application approach. The details of this information are proprietary and withheld from public disclosure under 10 CFR 2.390, "Public inspections, exemptions, request for withholding."

L. Bauer

SUBJECT: BLUECORE ENERGY PUBLIC MEETING SUMMARY DATED: October 15, 2026

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