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

January 10, 2022

MEMORANDUM TO: William Kennedy, Acting Chief
Advanced Reactor Licensing Branch
Division of Advanced Reactors and Non-Power
Production and Utilization Facilities
Office of Nuclear Reactor Regulation

FROM: Mallecia Sutton, Senior Project Manager
Advanced Reactor Licensing Branch
Division of Advanced Reactors and Non-Power
Production and Utilization Facilities
Office of Nuclear Reactor Regulation

Mallecia Sutton Signed by Sutton, Mallecia on 01/10/22

SUBJECT: SUMMARY OF THE SEPTEMBER 28, 2021, PRE-APPLICATION PUBLIC MEETING WITH TERRAPOWER, LLC TO DISCUSS THE SITE SELECTION PROCESS FOR THE NATRIUM REACTOR (EPID NO. EPID-L-2021-LRM-0071)

On September 28, 2021, the U.S. Nuclear Regulatory Commission (NRC) staff held an observation public meeting with TerraPower, LLC (TerraPower) to provide the NRC staff with an overview of the site selection process for the Natrium Reactor. The public meeting notice, dated September 27, 2021, can be found in the NRC's Agencywide Documents Access and Management System (ADAMS) under Accession No. ML21270A063. The presentation slides can be found in ADAMS under Accession No. ML21266A333. Participants included personnel from the NRC, TerraPower, General Electric Hitachi, Bechtel, PacifiCorp, Duke Energy, a member of the state of Wyoming legislature, and members of the public. The enclosure to this memorandum provides the list of meeting attendees.

The NRC staff began the public meeting with an introduction and explanation of logistical information. The NRC staff explained that the meeting was an observation meeting and that TerraPower representatives would provide the NRC staff with an overview of the site selection process for the Natrium Reactor. The NRC staff also explained that a portion of the meeting would be closed to the public. During the public portion of the meeting, TerraPower provided an overview of the Natrium Reactor design, the U.S. Department of Energy Advanced Reactor Demonstration Program, and the alternative analyses process. The alternative analyses portion of the presentation discussed the process of defining the purpose and need statement, four existing sites identified by TerraPower, and the site selection screening criteria. At the end of the presentation, the public had an opportunity to ask questions of the NRC staff.

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During the closed portion of the meeting, TerraPower representatives and the NRC staff continued to discuss, in more detail, the purpose and need statement, alternative analyses, including more specific screening criteria, and the next steps for future interactions regarding the Natrium Reactor design.

Enclosure:
List of Attendees

SUBJECT: SUMMARY OF THE SEPTEMBER 28, 2021, PRE-APPLICATION PUBLIC MEETING WITH TERRAPOWER, LLC TO DISCUSS THE SITE SELECTION PROCESS FOR THE NATRIUM REACTOR (EPID NO. EPID-L-2021-LRM-0071) DATED: JANUARY 10, 2022

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MSpencer, OGC

ADAMS Accession No.: ML21314A142 **NRR-106**

OFFICE	NRR/DANU/UARL/PM	NRR/DANU/UARL/PM	NRR/DANU/UARL/LA
NAME	KWagner	MSutton	CSmith
DATE	11/15 /2021	11/16 /2021	11/24 /2021
OFFICE	NRR/DANU/UARL/BC(A)	NRR/DANU/UARL/PM	
NAME	WKennedy	MSutton	
DATE	12/15 /2021	01/10 /2022	

OFFICIAL RECORD COPY

List of Attendees

Public Meeting between TerraPower and the NRC Staff to Discuss the Site Selection Process for the Natrium Reactor

Tuesday, September 28, 2021
1:00 p.m. – 4:30 p.m.

Name	Organization
Mallecia Sutton	U.S. Nuclear Regulatory Commission (NRC)
John Segala	NRC
Kenneth Erwin	NRC
Katherine Wagner	NRC
Hanh Phan	NRC
Patricia Vokoun	NRC
Daniel Barnhurst	NRC
Michael Spencer	NRC
Tony Nakanishi	NRC
Shakur Walker	NRC
Carolyn Wolf	NRC
Aaron Martin	TerraPower, LLC (TerraPower)
Ian Gifford	TerraPower
Bryan Eyers	TerraPower
Tara Neider	TerraPower
Ryan Sprengel	TerraPower
Olu Omotowa	TerraPower
Eric Williams	TerraPower
Chris Robinson	General Electric Hitachi (GEH)
Shelby Small	GEH
Denise Brooks	GEH
George Wadkins	GEH
George Honma	GEH
Eddie Riffle	GEH
Larry King	GEH
Gary Anthony	GEH
Derek Bass	GEH
Babajide Alabi	GEH
Patrick Looney	GEH
Mary Richmond	Bechtel
John Damm	Bechtel

Enclosure

Name	Organization
Steven Kline	Bechtel
Lynn Van-Derpoel	Bechtel
Karene Riley	Bechtel
Althea Wyche	Bechtel
Mark Braccia	Bechtel
Aarti Shah	Bechtel
Chuck Tack	PacifiCorp
Chris Nolan	Duke Energy
Lee Grzeck	Duke Energy
Donald Burkhart	State of Wyoming Legislature
Lottie Mitchell	Public Citizen
Fred Heutte	Public Citizen
Thomas Eiden	Public Citizen
Luke Esch	Public Citizen
Stephanie Fishman	Public Citizen
Kelvin Jevon Montague	Public Citizen
Christopher Chwasz	Public Citizen
Mark Romano	Public Citizen
Sola Talabi	Public Citizen
Lisa Matis	Public Citizen
Shannon Anderson	Public Citizen
Wendy Dulaney	Public Citizen
Steven Pope	Public Citizen