



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

July 20, 2022

MEMORANDUM TO: William B. Kennedy, Acting Chief
Advanced Reactor Licensing Branch 1
Division of Advanced Reactors and Non-Power
Production and Utilization Facilities
Office of Nuclear Reactor Regulation

FROM: Mallecia A. Sutton, Senior Project Manager
Advanced Reactor Licensing Branch 1
Division of Advanced Reactors and Non-Power
Production and Utilization Facilities
Office of Nuclear Reactor Regulation

Mallecia Sutton

Signed by Sutton, Mallecia
on 07/20/22

SUBJECT: SUMMARY OF MARCH 30, 2022, PUBLIC MEETING WITH
TERRAPOWER, LLC TO DISCUSS THE METEOROLOGICAL
DATA AND PLANT WATER SOURCE FOR THE NATRIUM
REACTOR (EPID NO. L-2021-LRM-0071)

On March 30, 2022, 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 meteorological data and plant water source for the Natrium Reactor. The public meeting notice, dated February 17, 2022, can be found in the NRC's Agencywide Documents Access and Management System (ADAMS) under Accession No. ML22087A066. The presentation slides can be found at ML22082A222. Participants included personnel from the NRC staff, TerraPower, General Electric Hitachi, Bechtel, Duke Energy, and members of the public. The Enclosure provides the list of meeting attendees.

This pre-application interaction provided background information on the Natrium Reactor and an overview of regulatory information and as well as the potential reuse in some capacities of a meteorological tower and a water supply at the site proposed for the Natrium Reactor near the Naughton Power Plant in Wyoming.

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 meteorological data and plant water source for the Natrium Reactor.

CONTACT: Mallecia A. Sutton, NRR/DANU
301-415-0673

During the meeting, TerraPower provided information on the draft purpose and need statement, the site selected (Naughton Parcel 19/20), and the meteorological towers and water supply planned for use. The NRC staff gave feedback in response to questions on the subjects presented. At the end of the presentation, the public had an opportunity to ask questions of the NRC staff. The NRC staff asked for feedback, concerns, and any improvements that can be made to the public meeting process, at the closure of the meeting.

Project No. 99902100

Enclosure:
List of Attendees

SUBJECT: SUMMARY OF MARCH 30, 2022, PUBLIC MEETING WITH TERRAPOWER,
LLC TO DISCUSS THE METEOROLOGICAL DATA AND PLANT WATER
SOURCE FOR THE NATRIUM REACTOR (EPID NO. L-2021-LRM-0071)
DATED: JULY 20, 2022

DISTRIBUTION:

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ASiwy, NRR

PVokoun, NMSS

DBarnhurst, NMSS

THathaway, RES

KQuinlan, NRR

KErwin, NMSS

ADAMS Accession Number: ML22189A209**NRC-001**

OFFICE	NRR/DANU/UAL1/PM	NRR/DANU/UAL1/PM	NRR/DANU/UAL1/LA
NAME	KWagner	MSutton	DGreene
DATE	7/11/2022	7/12/2022	7/14/2022
OFFICE	NRR/DANU/UAL1/BC(A)	NRR/DANU/UAL1/PM	
NAME	WKennedy	MSutton	
DATE	7/14/2022	7/20/2022	

OFFICIAL RECORD COPY

List of Attendees

Public Meeting with TerraPower, LLC to Discuss the Meteorological Data and Plant Water Source for the Natrium Reactor

Wednesday, March 30, 2022

2:00 PM – 3:00 PM

<u>Name</u>	<u>Organization</u>
Mallecia Sutton	U.S. Nuclear Regulatory Commission (NRC)
Kevin Quinlan	NRC
Kenneth Erwin	NRC
Katherine Wagner	NRC
Alex Siwy	NRC
Daniel Barnhurst	NRC
Patricia Vokoun	NRC
Trey Hathaway	NRC
Ryan Sprengel	TerraPower, LLC (TerraPower)
Ian Gifford	TerraPower
Erin Wisler	TerraPower
Michael Montecalvo	TerraPower
Nick Kellenberger	TerraPower
George Honma	General Electric Hitachi
Steven Kline	Bechtel
Alice Carson	Bechtel
Aarti Shah	Bechtel
Lee Grzeck	Duke Energy
Adam Stein	Public Citizen
Jana Bergman	Public Citizen
Lisa Matis	Public Citizen
John Pfabe	Public Citizen

Enclosure