



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

August 10, 2023

MEMORANDUM TO: Kenneth Erwin, Chief
Environmental Review New Reactors Branch
Division of Rulemaking, Environmental
and Financial Support
Office of Nuclear Material Safety
and Safeguards

FROM Daniel Barnhurst, Project Manager
Environmental Review New Reactors Branch
Division of Rulemaking, Environmental
and Financial Support
Office of Nuclear Material Safety
and Safeguards

A handwritten signature in blue ink, appearing to read "D. Barnhurst", is located to the left of the text "Signed by Barnhurst, Daniel on 08/10/23".

Signed by Barnhurst, Daniel
on 08/10/23

SUBJECT: ISSUANCE OF THE SUMMARY TRIP REPORT FOR THE
CARBON FREE POWER PROJECT (CFPP) PRE-APPLICATION
SITE VISIT AND PHASE 3 READINESS REVIEW HELD
MAY 15-19, 2023

On May 15-19, 2023, the NRC staff and contract staff from Pacific Northwest National Laboratory (PNNL) conducted a visit to a site proposed by Utah Associated Municipal Power Systems (UAMPS) Carbon Free Power Project (CFPP) for the potential siting of a NuScale small modular reactor (SMR) at the Department of Energy Idaho National Laboratory (DOE-INL) near Idaho Falls, Idaho. As part of this trip, the NRC staff also participated in Phase 3 of the readiness assessment of the upcoming applications. In addition, the NRC staff met with staff from the Department of Energy and the Shoshone-Bannock Tribes cultural resource management program. This visit was part of meetings held by a larger NRC group, including staff from the Office of Nuclear Reactor Regulation and Regions.

As stated in the trip report, the purpose of this pre-application site visit was to familiarize the NRC's Environmental Review Team with the applicant and their proposed site for the CFPP project at INL, discuss the proposed licensing approach and information required for the environmental report (ER) for a variety of potential licensing submittals based on applicable regulations and guidance, and conduct a readiness assessment on select sections of the limited work authorization (LWA) application. In addition, on May 18, 2023, staff met with representatives from

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the Department of Energy Office of Nuclear Energy (DOE-NE) and Idaho Operations Office (DOE-ID) to discuss the possibility of cooperation between agencies on aspects of the upcoming NEPA and related reviews. On May 19, 2023, the NRC staff met with Shoshone-Bannock Tribes cultural resource program staff to discuss the NRC's mission, regulatory processes, and the potential review of the CFPP Combined License Application including government to government consultation and engagement. The NRC staff also sought to better understand items of concern and interest to the Tribes.

A summary of the trip is enclosed to this memo. This summary includes the purposes, agendas, key messages and observations, and participant lists for each meeting held during the trip.

Enclosure:
Site Visit Trip Report

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