



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

June 21, 2024

MEMORANDUM TO: Lauren K. Gibson, Branch Chief
License Renewal Projects Branch
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

FROM: Bill Rogers, Senior Reactor Engineer */RA/*
License Renewal Projects Branch
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE MAY 22, 2024, PRE-APPLICATION
PUBLIC MEETING REGARDING TECHNICAL INFORMATION
SUBMITTED PRIOR TO, AND IN SUPPORT OF, THE
ANTICIPATED SUBSEQUENT LICENSE RENEWAL
APPLICATION FOR H.B. ROBINSON STEAM ELECTRIC
PLANT UNIT 2

On May 22, 2024, an observation public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and Duke Energy Progress, LLC (Duke) to discuss Duke's request for a staff review of plant-specific topical reports that are intended to be used to support the H.B. Robinson Steam Electric Plant, Unit 2 (Robinson) subsequent license renewal application (SLRA) submittal, expected the second quarter of 2025.

Meeting participants included personnel from the NRC, Duke, the industry, and members of the public. The slides for Duke's presentation and the NRC staff's presentation are available at Agencywide Documents Access and Management Systems (ADAMS) Accession No. ML24134A024 and ML24143A061, respectively.

The public meeting notice (ML24117A320) was also posted on the NRC public website.

The Meeting Agenda and List of Attendees can be found in Enclosures 1 and 2, respectively.

CONTACT: Bill Rogers
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Summary:

The purpose of this meeting between Duke and the NRC staff was to discuss the path forward for the review of plant-specific Topical Reports, WCAP-18909-NP, Revision 1, "Determination of T₀ for H.B. Robinson Unit 2 Heat # W5214, Linde 1092 Weld Metal Based on Unirradiated Data," and WCAP-18933, Revision 0, "Determination of T₀ for H.B. Robinson Unit 2 Heat # W5214 Weld Metal and Upper Shell Plate W10201-1 Based on Available Irradiated Data," (ML2408A2140), which will be used to support the Robinson submittal, expected the second quarter of 2025.

Duke's presentation indicated that the topical reports had been submitted to support timely submittal of the Robinson SLRA in 2nd quarter 2025, to increase efficiency of the SLRA review and to support the NRC staff's ability to meet an 18-month review schedule. Duke stated that topical reports provide demonstration of compliance to 10 CFR 50.61 for weld #W5214 for 70 Effective Full Power Years (i.e., 80 years of operation), use an acceptable methodology to meet Pressurized Thermal Shock (PTS) screening criteria, and that Duke will use WCAP-18909 and WCAP-18933 as input to satisfy the PTS screening criteria.

The staff's initial presentation discussed whether the use of the information contained in the topical reports may require an exemption and that the Robinson Updated Final Safety Analysis Report might require a 10 CFR 50.90 license amendment. Accordingly, the staff indicated that the potential review paths might include submission of a 50.90 license amendment and 50.12 exemptions concurrent with SLRA (two reviews in parallel) or submission of a 50.90 License Amendment and 50.12 exemptions prior to the SLRA submission (two reviews in series).

During the discussion following the initial presentations, the NRC staff indicated the information provided in two WCAPs did not meet the criteria of a topical report. Duke then provided additional details on the WCAPs that had been submitted as topical reports, which increased the staff's understanding of the information and its use in the context of supporting an SLRA review. Based on this discussion, the staff determined that the information contained in the reports would most likely not require an exemption (as originally presented by the staff) and could be evaluated as part of the NRC staff's SLRA review.

Following the meeting, the NRC staff further considered the information discussed in the meeting and concluded and informed Duke that the WCAP information should be resubmitted as a "white paper," (instead of as topical reports), for the NRC staff to review as pre-submittal information, prior to the Robinson SLRA submission.

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 ELECTRIC PLANT UNIT 2.
 DATE: JUNE 21, 2024

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*** via email**

NRR-106

OFFICE	NRR/DNLR/NLRP: PM	NRR/DNLR/NLRP: LA
NAME	BRogers	KBratcher
DATE	06/14/2024	06/14/2024
OFFICE	NRR/DNRL/NLRP: BC*	NRR/DNRL/NLRP: PM
NAME	LGibson	BRogers
DATE	06/21/2024	06/21/2024

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ELECTRIC PLANT UNIT 2**

**Meeting Agenda
May 22, 2024**

<u>Time</u>	<u>Topic</u>	<u>Organization</u>
2:00 - 2:05 pm	Introduction	NRC
2:05 - 2:30 pm	Licensee Presentation	Duke
2:30 – 3:00 pm	NRC Presentation	NRC Staff
3:00 - 3:45 pm	Discussion	NRC/Duke
3:45 - 3:55 pm	Public Comment	Public
3:55 – 4:00 pm	Closing Remarks	NRC
4:00 pm	Adjourn	

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List of Attendees

Name	May 22, 2024	Affiliation
Bill Rogers		Nuclear Regulatory Commission (NRC)
Lauren Gibson		NRC
Angie Buford		NRC
Gerond George		NRC
Chris Tyree		NRC
Dan Widrevitz		NRC
Dave Rudland		NRC
Carolyn Fairbanks		NRC
John Tsao		NRC
Luke Haeg		NRC
Paul Guill		Duke Energy
Christopher Saville		Duke Energy
Greg Robinson		Duke Energy
Daniel Roberts		Duke Energy
Chuck Tomes		Duke Energy
Rounett Nader		Duke Energy
Brett Leaqch		Westinghouse
Elliot Long		
Michael Macfarlane		
Marjorie Erickson		
Mark Kirk		
Mark Rinckel		
Si Wu		