



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

November 6, 2023

LICENSEE: Wolf Creek Nuclear Operating Corporation

FACILITY: Wolf Creek Generating Station, Unit 1

SUBJECT: SUMMARY OF OCTOBER 16, 2023, PRE-SUBMITTAL TELECONFERENCE WITH WOLF CREEK NUCLEAR OPERATING CORPORATION REGARDING A LICENSE AMENDMENT REQUEST TO ADOPT TSTF-505 FOR WOLF CREEK GENERATING STATION, UNIT 1 (EPID L-2023-LRM-0076)

On October 16, 2023, an Observation public teleconference was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of the Wolf Creek Nuclear Operating Corporation (the licensee). The purpose of the pre-submittal teleconference was to discuss preliminary information regarding the licensee's planned submission of a license amendment request (LAR) for Wolf Creek Generating Station, Unit 1 (Wolf Creek), to adopt Technical Specifications Task Force (TSTF) Traveler TSTF-505, Revision 2, "Provide Risk-Informed Extended Completion Times - RITSTF [Risk-Informed TSTF] Initiative 4b" (Agencywide Documents Access and Management System (ADAMS) Accession No. ML18183A493). The NRC issued a model safety evaluation (SE) approving TSTF-505, Revision 2, on November 21, 2018 (ML18269A041). The licensee's presentation slides are available in ADAMS at Accession No. ML23275A171. The meeting notice and agenda dated October 5, 2023, are available in ADAMS at Accession No. ML23278A026. A list of attendees is enclosed.

During the meeting, the licensee indicated that the proposed risk-informed completion time (RICT) methodology would be based on Nuclear Energy Institute (NEI) 06-09, "Risk-Informed Technical Specifications Initiative 4b, Risk-Managed Technical Specifications (RMTS) Guidelines." The NRC staff issued a model SE approving NEI 06-09 on May 17, 2007 (ML071200238). The licensee indicated that the proposed RICT would apply to 50 Wolf Creek technical specification (TS) required actions. The RICT would not apply to shutdown conditions because the licensee has not developed a shutdown probabilistic risk assessment (PRA) model for Wolf Creek. The proposed LAR would also include adoption of TSTF-439, Revision 2, "Eliminate Second Completion Times Limiting Time From Discovery of Failure to Meet an LCO [Limiting Condition for Operation]." The NRC issued a model SE approving TSTF-439, Revision 2, on January 11, 2006 (ML060120272). The licensee indicated that TSTF-439 affected 10 Wolf Creek TS required actions.

The licensee has assessed its PRA model against the American Society of Mechanical Engineers (ASME)/American Nuclear Society (ANS) PRA Standard RA-Sa-2009 and Regulatory Guide 1.200, Revision 2, "An Approach for Determining the Technical Adequacy of Probabilistic Risk Assessment Results for Risk-Informed Activities," dated March 2009 (ML090410014). The licensee indicated that its seismic-induced fire PRA was under peer review and would be addressed in the LAR. The licensee's goal would be no open facts and observations (F&O) and any remaining F&Os would be dispositioned in the LAR.

The NRC staff discussed the importance of lessons learned from past precedence, for example, resolving the issue of joint human error probability. The NRC staff also discussed the purpose of the NRC staff's regulatory audit. The NRC staff noted that the Wolf Creek TSFT-505 audit would be late compared with a typical review schedule, because the licensee could support the audit after the completion of the spring 2024 outage. The NRC staff commented that the licensee should consider supplementing its LAR after the audit instead of waiting for the NRC staff's request for additional information, thus saving time in the review process.

The licensee indicated that it planned to submit the TSTF-505 LAR in November 2023.

No regulatory decisions were made at the meeting.

Please direct any inquiries to me at 301-415-3168 or by email at Samson.Lee@nrc.gov.

/RA/

Samson S. Lee, Project Manager
Plant Licensing Branch IV
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-482

Enclosure:
List of Attendees

cc: Listserv

LIST OF ATTENDEES

OCTOBER 16, 2023, PRE-SUBMITTAL TELECONFERENCE REGARDING
TSTF-505, REVISION 2, "PROVIDE RISK-INFORMED EXTENDED COMPLETIONS TIMES -
RITSTF [RISK-INFORMED TSTF] INITIATIVE 4b"
LICENSE AMENDMENT REQUEST
WOLF CREEK NUCLEAR OPERATING CORPORATION
WOLF CREEK GENERATING STATION, UNIT 1

U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation
Gurjendra Bedi –DEX,¹ Mechanical Engineering and Inservice Testing Branch
Edmund Kleeh – DEX, Electrical Engineering Branch
Hang Vu – DEX, Instrumentation and Controls Branch
Samson Lee – Division of Operating Reactor Licensing, Plant Licensing Branch IV
Robert Pascarelli – Branch Chief, DRA,² APLA³
Adrienne Brown – DRA, APLA
Malcolm Patterson – DRA, APLA
Naeem Iqbal – DRA, APLB⁴
Charles Moulton – DRA, APLB
Steven Alferink – DRA, PRA Licensing Branch C
Brian Wittick – Branch Chief, DSS,⁵ SCPB⁶
David Nold – DSS, SCPB
Noushin Amini – DSS, SNSB⁷
Santosh Bhatt – DSS, SNSB
Andrea Russell – DSS, STSB⁸
Khadijah West – DSS, STSB

¹ Division of Engineering and External Hazards

² Division of Risk Assessment

³ Probabilistic Risk Assessment (PRA) Licensing Branch A

⁴ PRA Licensing Branch B

⁵ Division of Safety Systems

⁶ Containment and Plant Systems Branch

⁷ Nuclear Systems Performance Branch

⁸ Technical Specifications Branch

Wolf Creek Nuclear Operating Corporation

Jaime McCoy – Site Vice President
Mike Boyce – Vice President of Engineering
Dustin Hamman – Director Nuclear and Regulatory Affairs
Frank Galati – Senior Manager Nuclear Engineering
Jeff Suter – Engineering Manager (Presenter)
David Vu – Lead Engineer Nuclear Engineering/PRA
Lu Huang – Lead Engineer Nuclear Engineering/PRA
Paul Nguyen – Nuclear Engineer
Colby Thordsen – Licensing Engineer
Jason Knust – Lead Engineer Licensing
Nathan Lee – Lead Engineer Licensing/Acting Manager of Licensing

Contractors to Wolf Creek Nuclear Operating Corporation

Steve Wideman – Consultant to Wolf Creek
Bruce Morgen – EPM Risk Services
Casey Weiser – EPM Risk Services
Carroll Trull – EPM Risk Services
Travis Weber – EPM Risk Services
Bill Victor – Excel Services

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JHamman, RII	

ADAMS Accession Nos.:

ML23303A215 (Package)

ML23278A026 (Meeting Notice)

ML23275A171 (Meeting Slides)

ML23303A218 (Meeting Summary)

***concurrence by email**

NRC-001

OFFICE	NRR/DORL/LPL4/PM	NRR/DORL/LPL4/LA*	NRR/DORL/LPL4/BC*	NRR/DORL/LPL4/PM*
NAME	SLee	PBlechman	JDixon-Herrity	SLee
DATE	10/30/2023	10/31/2023	11/6/2023	11/6/2023

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