



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

January 8, 2021

Mr. Thomas A. Conboy
Site Vice President
Northern States Power Company - Minnesota
Monticello Nuclear Generating Plant
2807 West County Road 75
Monticello, MN 55362

SUBJECT: MONTICELLO NUCLEAR GENERATING PLANT – REGULATORY AUDIT SUMMARY REGARDING LICENSE AMENDMENT REQUEST TO PERMIT THE USE OF RISK-INFORMED COMPLETION TIMES IN ACCORDANCE WITH TSTF-505, REVISION 2, “PROVIDE RISK-INFORMED EXTENDED COMPLETION TIMES - RITSTF INITIATIVE 4B” (EPID L-2020-LLA-0062)

Dear Mr. Conboy:

By letter dated March 30, 2020 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML20090F820), Northern States Power Company, a Minnesota corporation, doing business as Xcel Entergy (NSPM), submitted a license amendment request (LAR) for Renewed Facility Operating License No. DPR-22 for the Monticello Nuclear Generating Plant (Monticello). The proposed amendment would modify the licensing basis of Monticello to allow for the implementation of the provisions of Technical Specification Task Force (TSTF) Traveler TSTF-505, “Provide Risk-informed Extended Completion Times – RITSTF Initiative 4b” (ADAMS Package Accession No. ML18269A041).

The Nuclear Regulatory Commission (NRC) staff reviewed NSPM’s LAR and determined that a regulatory audit would assist in the timely completion of the LAR review. The NRC staff conducted a regulatory audit that consisted of a remote audit from July 29 to September 28, 2020. The audit plan was provided to the licensee on July 29, 2020 (ADAMS Accession No. ML20211M275). The audit plan included audit questions for the discussions between NSPM and the NRC staff during the week of August 17, 2020. The staff reviewed documents and held discussions with members of NSPM on the LAR relevant to the NRC staff’s review. The results of the regulatory audit were used by the NRC staff to finalize requests for additional information, which will be issued separate from this summary.

The audit summary for the audit is enclosed.

T. Conboy

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If you have any questions, please contact me by telephone at 301-415-3733 or by e-mail to robert.kuntz@nrc.gov.

Sincerely,

/RA/

Robert F. Kuntz, Senior Project Manager
Plant Licensing Branch III
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-263

Enclosure:
Regulatory Audit Summary

cc: Listserv

REGULATORY AUDIT SUMMARY

LICENSE AMENDMENT REQUEST TO PERMIT THE USE OF RISK-INFORMED
COMPLETION TIMES IN ACCORDANCE WITH TSTF-505, REVISION 2, "PROVIDE
RISK-INFORMED EXTENDED COMPLETION TIMES - RITSTF INITIATIVE 4B"

NORTHERN STATES POWER COMPANY

MONTICELLO NUCLEAR GENERATING PLANT

DOCKET NO. 50-263

1.0 BACKGROUND

A regulatory audit is a planned license or regulation-related activity that includes the examination and evaluation of docketed and non-docketed information. The audit was conducted with the intent to gain understanding, to verify information, and to identify information that will require docketing to support the basis of a licensing or regulatory decision.

By letter dated March 30, 2020 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML20090F820), Northern States Power Company (NSPM, the licensee) submitted a license amendment request (LAR) to the U.S. Nuclear Regulatory Commission (NRC) for Renewed Facility Operating License No. DPR-22 for Monticello Nuclear Generating Plant (Monticello). The proposed amendment would modify the licensing basis of Monticello to allow for the implementation of the provisions of Technical Specification Task Force (TSTF) Traveler – 505, "Provide Risk-informed Extended Completion Times – RITSTF Initiative 4b" (ADAMS Package Accession No. ML18269A041).

The NRC staff performed a preliminary review of the LAR and determined that a regulatory audit would assist in the timely completion of the reviews. The regulatory audit was performed consistent with NRC Office of Nuclear Reactor Regulation (NRR) Office Instruction LIC-111, "Regulatory Audits," Revision 1 dated October 31, 2019 (ADAMS Accession No. ML19226A274). The NRC staff conducted a regulatory audit that consisted of a remote audit, including discussions with the licensee, from August 17 to August 21, 2020. The audit plan was provided to NSPM on July 29, 2020 (ADAMS Accession No. ML20211M275). The list of documents uploaded by the licensee in response to the NRC staff's request and examined by the audit team is provided in Section 5.0.

The NRC staff reviewed documents and held discussions with members of NSPM during the week of August 17, 2020, regarding the LAR under staff review. The collective results of the regulatory audit were used by the NRC staff to finalize requests for additional information (RAIs), which will be issued separately.

2.0 AUDIT ACTIVITIES AND OBSERVATIONS

The remote audit was conducted using an online portal and teleconferencing capabilities. The purpose of the audit was to (1) gain a better understanding of the information in the LAR to support the staff's review, and (2) identify any information that would be required from the licensee to be provided on-the-docket for the NRC staff to render a staff finding to support the safety evaluation.

During the audit, detailed discussions were held on various topics with the licensee. The NRC staff assessed the information from the audit to determine whether the information is needed to be provided "on-the-docket," and therefore the need for issuance of RAIs.

3.0 RESULTS OF THE AUDIT

During the audit, the NRC staff did not make any regulatory decisions regarding the LAR under staff review. The audit identified information that the licensee needs to provide to the NRC "on-the-docket" and identified information that was not needed to render a staff finding, thus obviating the need for some RAIs.

4.0 AUDIT PARTICIPANTS

NRC	NSPM
Robert Kuntz	Peter Gohdes
Malcolm Patterson	Sara Scott
Mihaela Biro	Brian Slack
Keith Tetter	Adam Stein
Shilp Vasavada	Sinnathurai Gajanetharan
Raul Hernandez-Figueroa	Jayne Ritter
David Nold	Mark Brossart
Summer Sun	Tom Morgan
Andrea Russell	Mike Miller
Norbert Carte	Randy Neulk
Ming Li	Steve Hammer
Adakou Foli	Jeff LeClair
Khoi Nguyen	
Naeem Iqbal	
Mark Wilk (contractor from Pacific Northwest National Laboratory)	

5.0 LIST OF DOCUMENTS AND MATERIALS PROVIDED IN THE ELECTRONIC READING ROOM

Document No.	Description
FPRA-MT-UN-R5.0	Fire PRA Uncertainty and Sensitivity Analysis Notebook
Operations Manual, C.4-k	Immediate Reactor Shutdown
PRA-CALC-17-005-R0	Monticello Nuclear Generating Plant PRA Focused Scope Peer Review Report
PRA-CALC-17-016-R0	MNGP Internal Events PRA Facts and Observations Independent Assessment Report
PRA-CALC-17-019-R1,	MNGP Fire PRA F&O Closure Report
PRA-CALC-19-002-R0	MNGP Fire PRA F&O Closure Independent Assessment
PRA-CALC-MT-19-018-R0	MNGP Impact of Model Uncertainty to the RICT Process
PRA-CALC-MT-RICT-R1	TSTF-505 LAR Supporting Calculations
PRA-MT-RA-R5.0	Recovery of AC Power Notebook
PRA-MT-UN-R5.0	Sources of Modeling Uncertainty Notebook

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ADAMS Accession No.: ML20328A038

OFFICE	NRR/DORL/LPL3/PM	NRR/DORL/LPL3/LA	NRR/DRA/APLA/BC	NRR/DRA/APLC/BC
NAME	RKuntz	SRohrer (JBurkhardt for)	RPascarelli	SRosenberg
DATE	11/23/2020	11/23/2020	12/15/2020	1/4/2020
OFFICE	NRR/DSS/SCPB/BC	NRR/DSS/SNSB/BC	NRR/DEX/EEEE/BC	NRR/DSS/STSB/BC
NAME	BWittick	SKrepel	BTitus	VCusumano
DATE	11/30/2020	11/24/2020	12/1/2020	11/23/2020
OFFICE	NRR/DORL/LPL3/BC	NRR/DORL/LPL3/PM		
NAME	NSalgado (JWiebe for)	RKuntz		
DATE	1/8/2021	1/8/2021		

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