



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

August 20, 2019

LICENSEE: Northern States Power Company

FACILITY: Prairie Island Nuclear Generating Plant

SUBJECT: SUMMARY OF JULY 22, 2019, TELECONFERENCE WITH NORTHERN STATES POWER COMPANY REGARDING A POTENTIAL LICENSE AMENDMENT REQUEST TO ADOPT A PROBABILISTIC RISK ASSESSMENT MODEL FOR ABEYANCE SEAL AT PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNITS 1 AND 2 (EPID: L-2019-LRM-0045)

On July 22, 2019, a Category 1 public teleconference was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Northern States Power Company. The purpose of the meeting was to discuss a potential license amendment request for a probabilistic risk assessment (PRA) model for a reactor coolant pump (RCP) abeyance seal for the Prairie Island Nuclear Generating Plant (PINGP). The meeting notice and agenda, dated July 9, 2018, are available in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML19190A229. A list of attendees is provided in the Enclosure.

The licensee presented information (ADAMS Accession No. ML19210D451) related to the potential license amendment request. The licensee presented an overview of the planned amendment including, the schedule for submittal.

The NRC staff queried the licensee on how the abeyance seal affects the time for operators to manually trip the RCP in the PRA model. The licensee responded that the time for operator action is limited by the material of the seal and is not increased by the abeyance seal. Also, the NRC staff asked the licensee how inadvertent actuation of the abeyance seal was modeled. The licensee stated that inadvertent actuation would not be noticed, but that the seal would not performed as designed if subsequently called upon to actuate. The licensee further stated that inadvertent actuation is not credible and any probability that the seal would fail to actuate due to a prior inadvertent actuation is included in the probability of failure due to improper installation. The licensee indicated that this would be the first request to credit the abeyance seal. The NRC staff stated to the licensee that the Advisory Committee for Reactor Safeguards (ACRS) has expressed interest in RCP seal reviews and that if the licensee submitted the proposed amendment, it may well be subject to ACRS review.

Members of the public were not in attendance. No comments were provided to the NRC staff.

Please direct any inquiries to me at 301-415-3733, or Robert.Kuntz@nrc.gov.

/RA/

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

Docket No. 50-282 and 50-306

Enclosure: List of Attendees

Cc: Listserv

LIST OF ATTENDEES
JULY 22, 2019 TELECONFERENCE WITH
NORTHERN STATES POWER COMPANY
POTENTIAL LICENSE AMENDMENT REQUEST TO ADOPT
PROBABILISTIC RISK ASSESSMENT MODEL FOR THE ABEYANCE SEAL
PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNITS 1 AND 2

U. S. Nuclear Regulatory Commission

Robert Kuntz
Ching Ng
Mihaela Biro
Stephen Dinsmore
Michael Markley
Ed Miller
Jay Robinson
Todd Hilsmeier

Northern States Power Company (NSPM)

Sara Scott
Jeff Kivi
Jayne Ritter
Mark Brossart
Adam Reiter

NSPM Contractors

David Zagres – Flowserve
Ray Dremel – Enercon

SUBJECT: SUMMARY OF JULY 22, 2019, TELECONFERENCE WITH NORTHERN STATES POWER COMPANY ON POTENTIAL LICENSE AMENDMENT REQUEST TO ADOPT PROBABILISTIC RISK ASSESSMENT MODEL FOR ABEYANCE SEAL AT PRAIRIE ISLAND NUCLEAR GENERATING PLANT UNITS 1 AND 2 (EPID: L-2019-LRM-0045) DATED AUGUST 20, 2019

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ADAMS Accession No. Meeting Summary ML19210D543 Handouts ML19210D451

OFFICE	NRR/DORL/LPL3/PM	NRR/DORL/LPL3/LA	NRR/DORL/LPL3/BC(A)	NRR/DORL/LPL3/PM
NAME	RKuntz	SRohrer	LRegner	RKuntz
DATE	7/30/19	7/30/19	8/20/19	8/20/19

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