

NRR-DMPSPeM Resource

From: Wengert, Thomas
Sent: Wednesday, January 24, 2018 9:18 AM
To: Shaw, Jim D.
Cc: Van Der Kamp, David W.
Subject: Cooper Nuclear Station - Final RAI RE: LAR to Adopt TSTF-542 (CAC MG0138; EPID L-2017-LLA-0290)
Attachments: CNS TSTF-542 LAR Final RAI.pdf

On January 23, 2018, the U.S. Nuclear Regulatory Commission (NRC) staff sent Nebraska Public Power District (NPPD or licensee) the draft Request for Additional Information (RAI) identified below. This RAI relates to the license amendment request to adopt Technical Specifications Task Force (TSTF) Traveler TSTF-542, "Reactor Pressure Vessel Water Inventory Control," Revision 2, at Cooper Nuclear Station.

NPPD subsequently informed the NRC staff that the information requested by the staff was understood and that no additional clarification of the RAI was necessary. A publicly available version of this final RAI (attached with "Draft" removed) will be placed in the NRC's Agencywide Documents Access and Management System (ADAMS).

From: Wengert, Thomas
Sent: Tuesday, January 23, 2018 2:49 PM
To: 'Shaw, Jim D.'
Cc: 'Van Der Kamp, David W.' ; Pascarelli, Robert
Subject: Cooper Nuclear Station - Draft RAI RE: LAR to Adopt TSTF-542 (CAC MG0138; EPID L-2017-LLA-0290)

By application dated August 7, 2017 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17228A042, Nebraska Public Power District (the licensee) requested to adopt Technical Specifications Task Force (TSTF) Traveler TSTF-542, "Reactor Pressure Vessel Water Inventory Control," Revision 2, which revises the Technical Specifications (TSs) for Cooper Nuclear Station (CNS). Traveler TSTF-542, Revision 2, was approved by the U.S. Nuclear Regulatory Commission (NRC) on December 20, 2016 (ADAMS Accession No. ML16343B008).

The NRC staff has determined that additional information, as described in the attached request for additional information (RAI), is required for the staff to complete its review of this application. This RAI is identified as draft at this time to confirm your understanding of the information that the NRC staff needs to complete the evaluation. If the request for information is understood, please respond to this RAI within 30 days of the date of this request.

Please contact me if you would like to set up a conference call to clarify this request for information.

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Mail Envelope Properties (Thomas.Wengert@nrc.gov20180124091800)

Subject: Cooper Nuclear Station - Final RAI RE: LAR to Adopt TSTF-542 (CAC MG0138; EPID L-2017-LLA-0290)
Sent Date: 1/24/2018 9:18:29 AM
Received Date: 1/24/2018 9:18:00 AM
From: Wengert, Thomas

Created By: Thomas.Wengert@nrc.gov

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"Van Der Kamp, David W." <dwvande@nppd.com>
Tracking Status: None
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Tracking Status: None

Post Office:

Files	Size	Date & Time
MESSAGE	2267	1/24/2018 9:18:00 AM
CNS TSTF-542 LAR Final RAI.pdf		93475

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

REQUEST FOR ADDITIONAL INFORMATION
APPLICATION TO REVISE TECHNICAL SPECIFICATIONS
TO ADOPT TSTF-542, REVISION 2
REACTOR PRESSURE VESSEL WATER INVENTORY CONTROL
NEBRASKA PUBLIC POWER DISTRICT
COOPER NUCLEAR STATION
DOCKET NO. 50-298

By application dated August 7, 2017 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17228A042, Nebraska Public Power District (the licensee) requested to adopt Technical Specifications Task Force (TSTF) Traveler TSTF-542, "Reactor Pressure Vessel Water Inventory Control," Revision 2, which changes the Technical Specifications (TSs) for Cooper Nuclear Station (CNS). Traveler TSTF-542, Revision 2, was approved by the U.S. Nuclear Regulatory Commission (NRC) on December 20, 2016 (ADAMS Accession No. ML16343B008).

CNS TS Section 2.0, "Safety Limits," paragraph 2.1.1.3 states, "Reactor vessel water level shall be greater than the top of active irradiated fuel." Safety Limit 2.1.1.3 is maintained through the TS Limiting Condition for Operation (LCO) applicability, actions, and notes. The CNS TSs require certain safety systems to be OPERABLE during "operations with a potential for draining the reactor vessel" (OPDRVs). The proposed changes would replace existing TS requirements associated to OPDRVs with revised TSs providing an alternative requirement for Reactor Pressure Vessel (RPV) Water Inventory Control (WIC). These alternative requirements would protect Safety Limit 2.1.1.3.

The NRC staff has reviewed the proposed amendment and has determined that additional information is needed to complete its review.

CNS RAI-1

The licensee's TS mark-up, page 3.3-47 (proposed new LCO 3.3.5.3, Required Action B.1) states:

Declare supported penetration flow path(s) incapable of automatic isolation. [underline added]

TSTF-542, Revision 2, LCO 3.3.5.2, Required Action B.1 states:

Declare associated penetration flow path(s) incapable of automatic isolation. [underline added]

Please justify the difference between the proposed LCO and the TSTF in a variation.

CNS RAI-2

The licensee's TS mark-up, page 3.5-10 (proposed new SR 3.5.2.5), is not labeled correctly, as existing SR 3.5.2.5 is crossed out, and no new SR 3.5.2.5 "identification box" appears near the new text for SR 3.5.2.5.

Please correct the SR 3.5.2.5 "identification box" or explain that the licensee's proposed markup of SR 3.5.2.5 is correct, as shown.