

NRR-PMDAPEm Resource

From: Wengert, Thomas
Sent: Friday, August 24, 2012 1:27 PM
To: Vincent, Dale M.
Subject: Prairie Island NGP - Request for Clarification of Request for Additional Information (RAI) Response

By letter dated July 9, 2012 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML12192A213), Northern States Power Company, a Minnesota corporation, doing business as Xcel Energy, submitted a response to the Nuclear Regulatory Commission's (NRC) May 23, 2012, request for additional information (ADAMS Accession No. ML12142A156) concerning the license amendment request to add diesel fuel oil license bases and revise technical specifications (TS) 3.78 and 3.8.3 for Prairie Island Nuclear Generating Plant, Unit 1 and 2.

The NRC staff have reviewed the RAI and needs further clarification of the response to complete its review, as follows:

Clarification Question for NSPM Response to RAI EEEB-7

Technical Specification Surveillance Requirement (SR) 3.8.1.5 requires the licensee to verify, every 31 days, that the fuel oil transfer system operates to transfer fuel oil from storage tank to day tank.

In its letter dated February 21, 2012, NSPM stated in its response to RAI EEEB-1d, in part:

The Unit 1 fuel oil system has the capability to transfer fuel from any storage tank to any day tank as defined in the USAR. However, procedures are not in place to cover the many different scenarios for transferring fuel during a 14 day flooding event. The transfer paths will be dependent on the equipment operating and fuel oil levels in the various tanks. The flow diagrams would be utilized to perform actions not covered under established procedures or [Abnormal Operating Procedures].

Describe how NSPM demonstrates compliance with SR 3.8.1.5 for operability of all of the flow paths credited in the design basis of the plant for 14-day operation during the design basis flood.

Clarification Question for NSPM Response to RAI EEEB-8

Provide details for each EDG fuel oil consumption (given licensing basis such as single failure) that will demonstrate capability of the fuel oil system to support 7-day EDG operation following any event evaluated in the PINGP licensing documents. Details shall include the bounding Unit 1 and Unit 2 fuel oil consumption values (gallons) and a summary of the methodology, key assumptions, industry standards used, the basis for the parameters used, the EDG load profile that is considered bounding, and any relevant information that NSPM has used to derive the values (gallons) that will become a baseline 7-day fuel oil storage requirement.

Please review this request and let me know if you would like to have a conference call with the NRC staff for clarification of the questions. Also, please let me know when Prairie Island can respond this request.

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