

From: Vaidya, Bhalchandra
Sent: Monday, February 22, 2016 10:25 AM
To: 'lisa.simpson@exeloncorp.com'; 'david.gullott@exeloncorp.com'
Cc: Razzaque, Muhammad; Oesterle, Eric; Poole, Justin; Mazumdar, Subinoy; Tilton, Caroline; Waters, Michael; Elliott, Robert
Subject: La Salle, RAIs on LAR Re: TS 2.1.1.1 & TS 2.1.1.2 Change, CAC Nos. MF7109 & MF7110

Lisa and David,

By letter dated November 19, 2015 (ADAAMS Accession No. ML15324A309), the licensee submitted a License Amendment Request (LAR) regarding changes to TS 2.1.1, Reactor Core Safety limits.

The NRC staff is reviewing the application and needs the additional information to complete its review. The Request for Additional Information (RAI) is provided below:

REQUEST FOR ADDITIONAL INFORMATION (RAI)
LICENSE AMENDMENT REQUEST (LAR)
TO REDUCE THE REACTOR STEAM DOME PRESSURE SPECIFIED IN THE TECHNICAL
SPECIFICATION 2.1.1, "REACTOR CORE SLs"
LASALLE COUNTY STATION, UNITS 1 AND 2 (CAC NOS. MF 7109 AND MF7110)

SRXB RAI - 1

In the License Amendment Request (LAR) submitted on November 19, 2015, it was stated that the GEXL17 correlation is conservatively applied in establishing MCPR operating limits for GNF3 Lead Use Assemblies (LUAs). Please provide the following additional clarification:

- a) Has GEXL17 correlation been approved for application to GNF3 fuel? If not, then identify the NRC approved Critical Power Ratio (CPR) correlation that is applicable to GNF3 fuel; including the value for the lower pressure limit of the correlation.
- b) If there is not an approved CPR correlation available for GNF3, then justify how GEXL17 correlation is conservatively applied in establishing MCPR operating limits for GNF3 LUAs, as stated in the LAR.

SRXB RAI - 2

In page 4, 2nd paragraph, of the LAR, it was stated,

The GEXL17 correlation, with the lower bound limit of 700 psia (i.e., 685 psig), is applicable to GNF2 fuel.

In converting to psig, this lower bound pressure is approximately 685.3 psig. As such, the 685 psig value specified in the proposed TS change is slightly outside the pressure range in which the GEXL17 correlation is valid for GNF2 fuel. Please provide further justification for the

proposed 685 psig value; or propose a revised pressure value for this TS change that is supported by the GEXL17 correlation (e.g., 686 psig).

The NRC staff would like to receive the responses to these RAIs with 30 days from the date of this communication. Please contact me to schedule a telephone conference to ensure that the licensee understands the NRC staff concerns and also to obtain a firm response date for these RAIs.

Please contact me, if you have any questions.

Thanks,

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