



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

January 29, 2016

LICENSEE: Exelon Generation Co., LLC

FACILITY: LaSalle County Station, Units 1 and 2

SUBJECT: SUMMARY OF TELECONFERENCE HELD ON JANUARY 21, 2016, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND EXELON GENERATION CO., LLC, CONCERNING RAI 4.2.10-1 RESPONSE PERTAINING TO THE LASALLE COUNTY STATION, UNITS 1 AND 2, LICENSE RENEWAL APPLICATION (TAC NOS. MF5347 AND MF5346)

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of Exelon Generation Co., LLC (Exelon or the applicant) held a telephone conference call on January 21, 2016, to discuss and clarify the applicant's response to RAI 4.2.10-1 in a letter dated September 15, 2015. The telephone conference call was useful in clarifying the applicant's intent.

Enclosure 1 provides a listing of the participants and Enclosure 2 contains a summary of the topics discussed with the applicant.

The applicant had an opportunity to comment on this summary.

Sincerely,

/RA/

Jeffrey S. Mitchell, Project Manager
Projects Branch 1
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-373 and 50-374

Enclosures:

1. List of Participants
2. Summary of Telephone Conference Call

cc w/encls: Listserv

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Memo to Exelon Generation Co. from J. Mitchell dated January 29, 2016

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TELEPHONE CONFERENCE CALL
LASALLE COUNTY STATION, UNITS 1 AND 2
LICENSE RENEWAL APPLICATION

LIST OF PARTICIPANTS
January 21, 2016

PARTICIPANTS

AFFILIATION

Jeff Mitchell	U.S. Nuclear Regulatory Commission (NRC)
Chris Hovanec	NRC
John Hufnagel	Exelon Generation Co., LLC (Exelon)
Jim Jordan	Exelon
Paul Weyhmuller	Exelon
Don Warfel	Exelon
Ralph Wolen	Exelon

SUMMARY OF TELEPHONE CONFERENCE CALL
LASALLE COUNTY STATION, UNITS 1 AND 2
LICENSE RENEWAL APPLICATION
JANUARY 21, 2016

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of Exelon Generation Co., LLC (Exelon or the applicant) held a telephone conference call on January 21, 2016, to discuss and clarify the applicant's response to request for additional information (RAI) 4.2.10-1 in letter dated September 15, 2015.

RAI 4.2.10-1

Background:

Section 4.7.3.1.3 of the Standard Review Plan for License Renewal (SRP-LR) (NUREG-1800, Rev. 2) provides the NRC's review procedures for plant-specific TLAAs which will be managed in accordance with 10 CFR 54.21(c)(1)(iii). SRP-LR Section 4.7.3.1.3 states that the staff is to review the aging management program proposed by the applicant to verify the program is adequate to manage the aging effects associated with the TLAA.

LRA Section 4.2.10 describes the TLAA evaluation for the loss of preload of the jet pump slip joint repair clamp. LRA Section 4.2.10 dispositions the TLAA in accordance with 10 CFR 54.21(c)(1)(iii), to be managed by Commitment No. 47 in LRA Section A.5. This commitment states:

Prior to exceeding the limiting fluence value of $1.17E+20$ n/cm² at the Unit 1 jet pump slip joint clamp location, estimated to be at 50.7 EFPY, revise the analysis for the slip joint clamps for a higher acceptable fluence value or take other corrective action such as repair or replacement of the clamps to ensure acceptable clamp preload.

The implementation schedule for Commitment No. 47 is "Prior to the period of extended operation."

Issue:

The LRA does not clearly identify how the applicant will ensure that the limiting fluence value is not exceeded. The staff is unable to determine if the applicant's program or activities are adequate to ensure that the limiting fluence value is not exceeded.

Request:

Identify the program or a set of activities that will be used for the jet pump slip joint repair clamp to ensure that the limiting fluence value is not exceeded. Justify that the program or activities are adequate for managing the aging effect of loss of preload of the jet pump slip joint repair clamp.

Exelon Response:

The program or set of activities that will be used for the jet pump slip joint repair clamps, to ensure that the limiting fluence value is not exceeded, will be integrated into the Exelon commitment management program. In accordance with the Exelon commitment management program and procedures, license renewal commitments will have action tracking items assigned to the responsible commitment owners to assure that the commitments are met prior to their due date. The commitment tracking assignment for Commitment No. 47 will include an action tracking assignment with a due date approximately five years prior to the estimated calendar date that 50.7 EFPY will be reached for Unit 1. This assignment will ensure that appropriate corrective actions are taken to repair, replace, or reanalyze the clamps well in advance of reaching the fluence limit.

LSCS procedure LTS-1200-4, Reactor Engineer's Core Monitoring Surveillance, requires the Reactor Engineer to update the cumulative EFPY value for LSCS Units 1 and 2 each month and provide the updated EFPY values to the Reactor Internals Engineer. As part of implementation of Commitment No. 47, this procedure will be revised prior to the period of extended operation to require the Reactor Internals Engineer, who is the BWR Vessel Internals (B.2.1.9) aging management program owner, to ensure corrective action has been taken prior to exceeding 50.7 EFPY on Unit 1 relative to License Renewal Commitment No. 47 that manages limiting neutron fluence at the Unit 1 jet pump slip joint clamps.

The assignment within the commitment tracking program and the revision to procedure LTS-1200-4 are the set of activities that will ensure that the aging effect of loss of preload for the jet pump slip joint repair clamps is adequately managed so the limiting fluence value of $1.17E+20$ n/cm² is not exceeded and minimum slip joint repair clamp preload is maintained.

Teleconference Summary:

The staff requested clarification regarding when the corrective actions (repair, replace, or reanalyze) associated with the jet pump slip joint repair clamp TLAA would be completed and, if reanalysis is performed, submitted to the NRC staff for review. The applicant clarified that the process to determine whether a reanalysis would be performed, or the component(s) would be repaired or replaced, would be initiated no later than 5 years prior to the estimated calendar date that 50.7 effective full power years (the limiting fluence value) will be reached for LSCS, Unit 1. The applicant also clarified that if a reanalysis would be performed, it would be completed and submitted to the NRC staff no later than 2 years prior to reaching the limiting fluence value, and that the LRA will be supplemented to document this clarification to the commitment implementation schedule. The applicant also confirmed, consistent with the current language in Commitment No. 47, that if repair or replacement would be performed, all actions would be completed prior to reaching the limiting fluence value.