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

February 12, 2019

Mr. Bryan C. Hanson
Senior Vice President
Exelon Generation Company, LLC
President and Chief Nuclear Officer
Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: LIMERICK GENERATING STATION, UNIT 2 – CORRECTION TO AMENDMENT NO. 195 REVISING TECHNICAL SPECIFICATIONS TO LOWER THE MINIMUM STANDBY LIQUID CONTROL SYSTEM PUMP FLOWRATE (EPID L-2018-LLA-0020)

Dear Mr. Hanson:

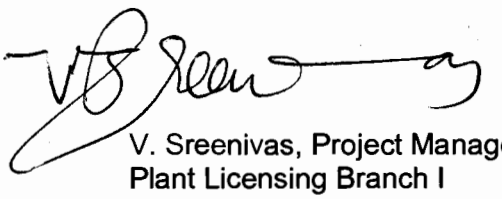
By letter dated November 27, 2018 (Agencywide Documents Access and Management System Accession No. ML18255A278), the U.S. Nuclear Regulatory Commission (NRC) issued Amendment No. 195 to Renewed Facility Operating License No. NPF-85 for the Limerick Generating Station, Unit 2. The amendment was in response to your application dated January 29, 2018, as supplemented by letter dated June 11, 2018.

The amendment lowered the Technical Specification (TS) standby liquid control system (SLCS) surveillance requirement (TS 3/4.1.5) pump flow rate value, raised the TS SLCS surveillance requirement Boron-10 enrichment value of the sodium pentaborate added to the SLCS tank, and expanded the operating range in the sodium pentaborate solution temperature/concentration requirements figure.

Subsequent to issuance of the amendment, the NRC staff was notified by Exelon Generation Company, LLC of two typographical errors inadvertently introduced that changed subparagraph numbering/lettering on TS page 3/4 1-20. Specifically, subparagraph c appears as subparagraph e and subparagraph d.1 appears as subparagraph d.e. The NRC staff has determined that these typographical errors were made inadvertently and are entirely editorial in nature. These two typographical errors do not change any of the conclusions in the safety evaluation associated with the issuance of Amendment No. 195 and do not affect the associated notice to the public. Enclosed is the replacement TS page.

If you have any questions, please contact me at 301-415-2597 or V.Sreenivas@nrc.gov.

Sincerely,



V. Sreenivas, Project Manager
Plant Licensing Branch I
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-353

Enclosure:
Corrected TS page 3/4 1-20

cc: Listserv

Enclosure

Corrected TS page 3/4 1-20

SURVEILLANCE REQUIREMENTS (Continued)

b. In accordance with the Surveillance Frequency Control Program by:

1. Verifying the continuity of the explosive charge.

2. Determining by chemical analysis and calculation* that the available weight of Boron-10 is greater than or equal to 185 lbs; the concentration of sodium pentaborate in solution is less than or equal to 13.8% and within the limits of Figure 3.1.5-1 and; the following equation is satisfied:

$$\frac{C}{13\% \text{ wt.}} \times \frac{E}{29 \text{ atom } \%} \times \frac{Q}{86 \text{ gpm}} \geq 1$$

where

C = Sodium pentaborate solution (% by weight)
Q = Two pump flowrate, as determined per surveillance requirement 4.1.5.c.
E = Boron 10 enrichment (atom % Boron 10)

3. Verifying that each valve (manual, power-operated, or automatic) in the flow path that is not locked, sealed, or otherwise secured in position, is in its correct position.

4. Verifying that no more than two pumps are aligned for automatic operation.

c. Demonstrating that, when tested pursuant to Specification 4.0.5, the minimum flow requirement of 37.0 gpm per pump at a pressure of greater than or equal to 1230 ± 25 psig is met.

d. In accordance with the Surveillance Frequency Control Program by:

1. Initiating at least one of the standby liquid control system loops, including an explosive valve, and verifying that a flow path from the pumps to the reactor pressure vessel is available by pumping demineralized water into the reactor vessel. The replacement charge for the explosive valve shall be from the same manufactured batch as the one fired or from another batch which has been certified by having one of the batch successfully fired. All injection loops shall be tested in 3 operating cycles.

2. Verify all heat-treated piping between storage tank and pump suction is unblocked.**

e. Prior to addition of Boron to storage tank verify sodium pentaborate enrichment to be added is ≥ 49 atom % Boron 10.

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* This test shall also be performed anytime water or boron is added to the solution or when the solution temperature drops below the limits of Figure 3.1.5-1 for the most recent concentration analysis, within 24 hours after water or boron addition or solution temperature is restored.

** This test shall also be performed whenever suction piping temperature drops below the limits of Figure 3.1.5-1 for the most recent concentration analysis, within 24 hours after solution temperature is restored.

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DATE	01/29/2019	01/29/2019	02/11/2019	02/12/2019

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