



Exelon Generation®

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10 CFR 50
10 CFR 51
10 CFR 54

RS-15-230

August 27, 2015

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

LaSalle County Station, Units 1 and 2
Facility Operating License Nos. NPF-11 and NPF-18
NRC Docket Nos. 50-373 and 50-374

Subject: Supplement to Enclosure B of Exelon Generation's Response to NRC Request for Additional Information, dated May 22, 2015, Regarding the LaSalle County Station, Units 1 and 2, License Renewal Application, Environmental Review

References:

1. Letter from Michael P. Gallagher, Exelon Generation Company, LLC (Exelon Generation), to U.S. Nuclear Regulatory Commission (NRC) Document Control Desk, regarding "Application for Renewed Operating Licenses," dated December 9, 2015.
2. Letter from David Drucker, NRC, to Michael P. Gallagher, Exelon Generation, regarding "Request for Additional Information Regarding the LaSalle County Station, Units 1 and 2, License Renewal Application Environmental Review (TAC NOS. MF5567 AND MF5568)," dated May 22, 2015.
3. Letter from Michael P. Gallagher, Exelon Generation, regarding "Response to NRC Request for Additional Information, dated May 22, 2015, Regarding the LaSalle County Station, Units 1 and 2, License Renewal Application, Environmental Review," dated July 2, 2015.

In the Reference 1 letter, Exelon Generation submitted the License Renewal Application (LRA) for the LaSalle County Station, Units 1 and 2 (LSCS). In the Reference 2 letter, the NRC requested additional information to support the Staff's review of the LSCS Applicant's Environmental Report (Appendix E to the LRA). In the Reference 3 letter (ML15195A351), Exelon Generation provided responses to each of the NRC Staff's questions in the Reference 2 letter. Partial responses were provided for Environmental Requests for Additional Information (RAIs) # AQ-04 and # GW-01 because in each case, additional time was needed to make a requested report available.

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The Enclosure to this letter contains the previously unavailable report requested by Environmental RAI # AQ-04 and completes the response to that RAI.

In an email dated August 24, 2015 from David Drucker (NRC Environmental Project Manager) to Nancy Ranek (Exelon Generation Environmental Project Lead), regarding "Conestoga-Rovers & Associates. May 2011 LSCS Report," NRC Staff explained that the report requested by Environmental RAI # GW-01 will not be needed. Accordingly, Exelon Generation understands that the response to Environmental RAI # GW-01 is complete without submittal of the requested report.

This letter and its enclosures contain no regulatory commitments.

If you have any questions, please contact Ms. Nancy Ranek, Environmental Lead, Exelon Generation License Renewal, at 610-765-5369.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on: 08-27-2015

Respectfully,



Michael P. Gallagher
Vice President - License Renewal Projects
Exelon Generation Company, LLC

Enclosures:

LaSalle County Station Units 1 & 2 Supplemental Response to NRC License Renewal
Environmental Review Request for Additional Information # AQ-04

cc: Regional Administrator - NRC Region III (w/o Enclosures)
NRC Project Manager (Environmental Review), NRR-DLR (w/o Enclosures)
NRC Project Manager (Safety Review), NRR-DLR (w/o Enclosures)
NRC Project Manager, NRR-DORL LaSalle County Station (w/o Enclosures)
NRC Senior Resident Inspector, LaSalle County Station (w/o Enclosures)
Illinois Emergency Management Agency - Division of Nuclear Safety (w/o Enclosures)

**RS-15-230
ENCLOSURE**

**LaSalle County Station, Units 1 & 2
Supplemental Response to NRC License Renewal
Environmental Review Request for Additional Information # AQ-04**

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**LaSalle Environmental Audit
Supplemental Response to Request for Additional Information**

Index #: 014 **RAI #:** AQ-04 **Category:** Aquatic Ecology

Reference:

Letter from Michael P. Gallagher, Exelon Generation, regarding "Response to NRC Request for Additional Information, dated May 22, 2015, Regarding the LaSalle County Station, Units 1 and 2, License Renewal Application, Environmental Review," dated July 2, 2015.

Statement of Question:

Section 4.6 of the ER considers the effects of impingement and entrainment on aquatic biota in the Illinois River. In its analysis, the NRC staff will consider the effects of impingement and entrainment on aquatic biota in both the Illinois River and the cooling pond. To support this analysis, please describe any impingement and entrainment studies that have been conducted on the cooling pond or in the Illinois River.

* * *

- c. Docket the final report of EA Engineering (2015) when available.

Response:

The requested report (EA Engineering 2015) is being provided as Attachment 1 to this Supplemental Response to RAI # AQ-04.

List of Attachments:

1. EA Engineering. 2015. Final Impingement and Entrainment Characterization Study LaSalle County Station. Prepared for Exelon Generation Company, LLC. August 2015.

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Supplemental Response to RAI # AQ-04

ATTACHMENT 1

(151 pages)

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