



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

August 28, 2015

LICENSEE: Exelon Generation Co., LLC

FACILITY: LaSalle County Station, Units 1 and 2

SUBJECT: SUMMARY OF TELECON HELD ON JULY 8, 2015, BETWEEN THE NRC AND EXELON GENERATION CO., LLC, CONCERNING REQUEST FOR ADDITIONAL INFORMATION SET 7 PERTAINING TO THE LASALLE COUNTY STATION 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 July 8, 2015, to discuss and clarify the staff's draft requests for additional information (DRAIs) provided in Enclosure 2 concerning the LaSalle County Station, Units 1 and 2, license renewal application. The telephone conference call was useful in clarifying the intent of the staff's DRAIs.

Enclosure 1 provides a listing of the participants and Enclosure 2 contains the DRAIs discussed with the applicant, including a brief description on the status of the items.

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: Listserv

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DATE	8/ 19 /15	8/ 25 /15	8/ 26 /15	8/ 28 /15	8/ 28 /15

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Memo to Exelon Generation Co. from J. Mitchell dated August 28, 2015

SUBJECT: SUMMARY OF TELECON HELD ON JULY 8, 2015, BETWEEN THE NRC AND EXELON GENERATION CO., LLC, CONCERNING REQUEST FOR ADDITIONAL INFORMATION SET 7 PERTAINING TO THE LASALLE COUNTY STATION LICENSE RENEWAL APPLICATION (TAC NOS. MF5347 AND MF5346)

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

LIST OF PARTICIPANTS  
JULY 8, 2015

PARTICIPANTS

AFFILIATION

Jeff Mitchell	U.S. Nuclear Regulatory Commission (NRC)
Ed Smith	NRC
Tarico Sweat	NRC
John Hufnagel	Exelon Generation Co., LLC (Exelon)
Shannon Rafferty-Czincila	Exelon
Mark Miller	Exelon
Jim Jordan	Exelon
Paul Weyhmuller	Exelon

SUMMARY OF TELEPHONE CONFERENCE CALL  
LASALLE COUNTY STATION, UNITS 1 AND 2  
LICENSE RENEWAL APPLICATION  
JULY 8, 2015

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 July 8, 2015, to discuss and clarify the following draft requests for additional information (DRAIs) concerning the LaSalle County Station, Units 1 and 2 license renewal application (LRA).

**DRAI 2.3.3.2-1**

Background:

License Renewal Application (LRA) Section 2.1 describes the applicant's scoping methodology, which specifies how systems or components were determined to be included within the scope of license renewal, in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Paragraph 54.4(a). The staff reviewed section 2.3.3.2, "Combustible Gas Control System," and the associated License Renewal Boundary Drawings, and determined that additional information is needed to confirm that all components within the scope of license renewal were properly identified.

Issue:

One review method used by the staff is to confirm the inclusion of all components subject to aging management review (AMR) by reviewing the results of the screening of components within the license renewal boundary. The staff noted during its review of the drawings and locations indicated in the table below that continuations of piping within the scope of license renewal could not be located; therefore, acceptable scoping of systems, structures and components (SSCs) could not be verified.

License Renewal Boundary Drawing Number and Location	Continuation Issue
LR-LAS-M-130 Sheet 1, location A/B-8	212° and 30° continuations to M-102 and M-95 respectively were not provided.
LR-LAS-M-130 Sheet 2, location A/B-8	212° and 30° continuations to M-102 and M-95 respectively were not provided.

Request:

The staff requests that the applicant provide sufficient information to locate the license renewal boundary. If the continuation cannot be shown on license renewal boundary drawings, then provide additional information describing the extent of the scoping boundary and verify whether there are additional component types subject to an AMR between the continuation and the termination of the scoping boundary. If the scoping classification of a section of the piping changes over the continuation, provide additional information to clarify the change in scoping classification.

Teleconference Summary:

The applicant clarified that the designations, “M-102” and “M-95” were penetrations and not continuation markings. The staff clarified that the question is whether there is a continuation of the piping that runs through the penetrations to another sheet. The staff agreed to clarify the wording of the request, and the applicant agreed to address the continuation question in their response.

**DRAI 2.3.3.4-1**

Background:

In LRA Section 2.1.5.2, subsection “Connected to and Provide Structural Support for Safety-Related SSCs,” the applicant states in part “[f]or nonsafety-related SSCs directly connected to safety-related SSCs the nonsafety-related piping and supports, up to and including the first seismic or equivalent anchor ... beyond the safety/nonsafety interface, are within the scope of license renewal per 10 CFR 54.4(a)(2).” The staff reviewed section 2.3.3.4, “Control Rod Drive System,” and the associated License Renewal Boundary Drawings, and determined that additional information is needed to confirm that all components within the scope of license renewal were properly identified.

Issue:

The staff could not locate seismic or equivalent anchors between the safety/nonsafety interface and the end of the 10 CFR 54.4(a)(2) scoping boundary on the following drawings:

- LR-LAS-M-100-4 (B-2) downstream of safety-related valve 1C11-F381
- LR-LAS-M-146-4 (B-1) downstream of safety-related valve 2C11-F381
- LR-LAS-M-93-1 (B-8) downstream of safety-related valve 1B33-F017A
- LR-LAS-M-139-1 (B-8) downstream of safety-related valve 2B33-F017A
- LR-LAS-M-100-3 and LR-LAS-M-146-3 (C-4, 5, 6 and 7) upstream of safety-related valves 5, 3, 4 and 9
- LR-LAS-M-100-5 and LR-LAS-M-146-6 (E-1, B-4, C-4, E-4, F-4 and E-8)

Request:

The staff requests that the applicant provide additional information to locate the seismic or equivalent anchors between the safety/nonsafety interface and the end(s) of the 10 CFR 54.4(a)(2) scoping boundary.

Teleconference Summary:

The applicant noted that the third and fourth bullets in the Issue section should read “upstream” rather than “downstream.” The staff agreed to correct the wording in the Issue section.

#### **DRAI 2.3.3.11-1**

##### Background:

LRA Section 2.1 describes the applicant's scoping methodology, which specifies how systems or components were determined to be included within the scope of license renewal, in accordance with 10 CFR 54.4(a). The staff confirms the inclusion of all components subject to AMR by reviewing the results of the screening of components within the license renewal boundary. The staff reviewed section 2.3.3.11, "Essential Cooling Water System" and the associated License Renewal Boundary Drawings, and determined that additional information is needed to confirm that all components within the scope of license renewal were properly identified.

##### Issue:

Drawings LR-LAS-M-87-3 (E-6) and LR-LAS-M-134-3 (D-6) show 10 CFR 54.4(a)(1) piping whose scope changes to 10 CFR 54.4(a)(2) without a change in piping classification.

##### Request:

The staff requests that the applicant provide sufficient information to clarify the change in scoping classification.

##### Teleconference Summary:

The applicant did not have questions regarding this draft RAI.

#### **DRAI 2.3.3.13-1**

##### Background:

LRA Section 2.1 describes the applicant's scoping methodology, which specifies how systems or components were determined to be included within the scope of license renewal, in accordance with 10 CFR 54.4(a). The staff confirms the inclusion of all components subject to AMR by reviewing the results of the screening of components within the license renewal boundary. The staff reviewed section 2.3.3.13, "Fuel Pool Cooling and Storage System" and the associated License Renewal Boundary Drawings, and determined that additional information is needed to confirm that all components within the scope of license renewal were properly identified.

##### Issue:

Unit 1 drawing LR-LAS-M-98-1 shows 10 CFR 54.4(a)(1) piping whose scope changed to 10 CFR 54.4(a)(2) without a change in piping classification at the following locations:

<b>LR-LAS-M-98, Sheet-1, Location</b>	<b>Piping ID</b>
Location C-2	1FC87A downstream of valve 1FC130
Location C-5	1FC19AA downstream of valve 1FC118
Location C-8	1FC110A upstream of valve 1FC141

Location B-8	1FC01DA downstream of valve 1FC139A
Location A-8	1FC01DB downstream of valve 1FC139B

Similarly for Unit 2, drawing LR-LAS-M-144, Sheet-1, shows 10 CFR 54.4(a)(1) piping whose scope changed to CFR 54.4(a)(2) without any change in system scope or piping classification at the following locations:

<b>LR-LAS-M-144, Sheet-1, Location</b>	<b>Piping ID</b>
Location C-1	2FC11DA downstream of valve 2FC141
Location B-1	2FC01DA downstream of valve 2FC139A
Location B-1	2FC01DB downstream of valve 2FC139B
Location C-4	2FC19AA downstream of valve 2FC118
Location C-7	2FC87A downstream of valve 2FC130

**Request:**

The staff requests that the applicant provide sufficient information to clarify the change in scoping classification.

**Teleconference Summary:**

The applicant noted that there were three items listed in the Issue section where the Piping ID should read “upstream” rather than “downstream.” The staff agreed to correct the wording in the Issue section in the final RAI.

**DRAI 2.3.3.13-2**

**Background:**

LRA Section 2.1 describes the applicant’s scoping methodology, which specifies how systems or components were determined to be included within the scope of license renewal, in accordance with 10 CFR Paragraph 54.4(a). The staff confirms the inclusion of all components subject to AMR by reviewing the results of the screening of components within the license renewal boundary. The staff reviewed section 2.3.3.13, “Fuel Pool Cooling and Storage System” and the associated License Renewal Boundary Drawings, and determined that additional information is needed to confirm that all components within the scope of license renewal were properly identified.

**Issue:**

Unit 1 drawing LR-LAS-M-98-1 (C-7) shows a 10 CFR 54.4(a)(2) line 1FC11DC 10 downstream of a 10 CFR 54.4(a)(1) valve 1FC086 whose scope changed to 10 CFR 54.4(a)(2) while the piping classification changed to ‘Class C’ indicating safety related piping.

Unit 2 drawing LR-LAS-M-144-1 (C-2) shows a 10 CFR 54.4(a)(2) line 2FC11DC 10 downstream of a 10 CFR 54.4(a)(1) valve 2FC086 whose scope changed to 10 CFR 54.4(a)(2) while the piping classification changed to ‘Class C’ indicating safety related piping.



Request:

The staff requests that the applicant provide sufficient information to clarify the change in scoping classification.

Teleconference Summary:

The applicant stated that, according to the drawings key, the 'Class C' piping classification referenced in the Issue section of this RAI indicates "ASME Section III, Class 3" piping rather than "safety related" piping. The staff agreed to verify this and revise the wording in the final RAI to refer to the correct classification.

**DRAI 2.3.3.21-1**

Background:

LRA Section 2.1 describes the applicant's scoping methodology, which specifies how systems or components were determined to be included within the scope of license renewal, in accordance with 10 CFR Paragraph 54.4(a).. The staff confirms the inclusion of all components subject to AMR by reviewing the results of the screening of components within the license renewal boundary. The staff reviewed section 2.3.3.21, "Reactor Water Cleanup System" and the associated License Renewal Boundary Drawings, and determined that additional information is needed to confirm that all components within the scope of license renewal were properly identified.

Issue:

Unit 1 drawing LR-LAS-M-97-1 shows 10 CFR 54.4(a)(1) piping whose scope changes to 10 CFR 54.4(a)(2) while the piping classification changes to 'Class C' indicating safety-related piping at the following locations:

<b>LR-LAS-M-97, Sheet-1, Location</b>	<b>Piping ID</b>
Location E-7	Line 1RT01C 4 downstream of valve 1G33-F004
Location F-4	Line 1RT06B 4 downstream of valve 1G33-F040

Similarly for Unit 2, drawing LR-LAS-M-143, Sheet-1, shows 10 CFR 54.4(a)(1) piping whose scope changed to CFR 54.4(a)(2) while the piping classification changes to 'Class C' indicating safety-related piping at the following locations:

<b>LR-LAS-M-143, Sheet-1, Location</b>	<b>Piping ID</b>
Location E-7	2RT01C 4 downstream of valve 2G33-F004
Location F-4	2RT06B 4 downstream of valve 2G33-F040

Request:

The staff requests that the applicant provide sufficient information to clarify the change in scoping classification.

Teleconference Summary:

The applicant stated that, according to the drawings key, the 'Class C' piping classification referenced in the Issue section of this RAI indicates "ASME Section III, Class 3" piping rather than "safety related" piping. The staff agreed to verify this and revise the wording in the final RAI to refer to the correct classification.