

# UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

September 26, 2016

MEMORANDUM TO: Steven D. Bloom, Chief

Subsequent Renewal, Guidance,

and Operations Branch Division of License Renewal

Office of Nuclear Reactor Regulation

FROM: William F. Burton, Sr. Project Manager/RA/

Subsequent Renewal, Guidance,

and Operations Branch Division of License Renewal

Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF JUNE 2, 2016 MEETING WITH THE NUCLEAR

**ENERGY INSTITUTE** 

On June 2, 2016, the U.S. Nuclear Regulatory Commission (NRC) staff held a Category 3 public meeting to discuss the comments received on the draft subsequent license renewal guidance documents. These include NUREG-2191, "Generic Aging Lessons Learned for subsequent License Renewal (GALL-SLR) Report," Volumes 1 and 2, and NUREG-2192, "Standard Review Plan for Review of Subsequent License Renewal Applications for Nuclear Power Plants." The staff and industry presentation slides and crosswalk table are available in the NRC's Agencywide Documents Access and Management System (ADAMS) under Accession Nos. ML16251A479, ML16182A294, and ML16189A340.

**Enclosures:** 

1) Meeting Summary

2) Participant List

CONTACT: William F. Burton, NRR/DLR

301-415-6332

### September 26, 2016

MEMORANDUM TO: Steven D. Bloom, Chief

Subsequent Renewal, Guidance,

and Operations Branch Division of License Renewal

Office of Nuclear Reactor Regulation

FROM: William F. Burton, Sr. Project Manager/RA/

Subsequent Renewal, Guidance,

and Operations Branch Division of License Renewal

Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF JUNE 2, 2016 MEETING WITH THE NUCLEAR

**ENERGY INSTITUTE** 

On June 2, 2016, the U.S. Nuclear Regulatory Commission (NRC) staff held a Category 3 public meeting to discuss the comments received on the draft subsequent license renewal guidance documents. These include NUREG-2191, "Generic Aging Lessons Learned for subsequent License Renewal (GALL-SLR) Report," Volumes 1 and 2, and NUREG-2192, "Standard Review Plan for Review of Subsequent License Renewal Applications for Nuclear Power Plants." The staff and industry presentation slides and crosswalk table are available in the NRC's Agencywide Documents Access and Management System (ADAMS) under Accession Nos. ML16251A479, ML16182A294, and ML16189A340.

### Enclosures:

1) Meeting Summary

2) Participant List

CONTACT: William F. Burton, NRR/DLR

301-415-6332

### **DISTRIBUTION:**

DMorey, NRR

**PUBLIC** 

E-MAIL:

RidsNrrDlrRarb Resource RidsNrrDlrRsrg Resource RidsNrrDlrRasb Resource RidsNrrDeResource RidsNRRDssResource JMarshall, NRR SBloom, NRR

ADAM Accession Nos.: Package (ML16181A239), Meeting Summary: ML16188A101, Cross walk: ML16189A340; DLR slide: ML16202A412; NEI Presentation Slides: ML16182A294

OFFICE	PM:RSRG:DLR	LA:RPB1:DLR	BC:RSRG:DLR
NAME	WBurton	IBetts	SBloom
DATE	9/ 22 /16	7/ 13 /16	9/ 26/16

### PUBLIC MEETING TO DISCUSS STRUCTURAL COMMENTS ON SUBSEQUENT LICENSE RENEWAL DRAFT GUIDANCE DOCUMENTS

#### **MEETING SUMMARY**

June 2, 2016

The purpose of the meeting was for the U.S. Nuclear Regulatory Commission (NRC) staff to discuss its responses to industry comments on draft NUREG-2191, "Generic Aging Lessons Learned for Subsequent License Renewal (GALL-SLR) Report," Volumes 1 and 2 (ADAMS Accession Nos. ML15348A111 and ML15348A153) and NUREG-2192, "Standard Review Plan for Review of Subsequent License Renewal Applications for Nuclear Power Plants" (SRP-SLR) (ADAMS Accession No. ML15348A265).

The June 2, 2016 meeting was the first opportunity since the end of the public comment period for the NRC staff and industry representatives to discuss the initial disposition of public comments related to structures and the planned updates to the draft SLR guidance documents. The discussion included comments which were accepted, partially accepted, or not accepted.

The industry comments were received via several submittals, including;

- 1. By letter from NEI dated June 4, 2015 (ADAMS Accession Nos. ML16056A622 and ML16056A623)
- 2. By letter from NEI dated February 29, 2016 (ADAMS Accession No. ML16069A068)
- 3. By letter from Wolf Creek dated February 29, 2016 (ADAMS Accession No. ML16068A049)

The staff agreed with many or the industry's comments and will revise the GALL-SLR and SRP-SLR accordingly. For those for which the staff agreed in part or did not agree, the bases for the staff's decision was provided.

Because many of the industry comments were duplicative, the staff provided a cross-walk of the comments to ensure that all comments were accounted for.

The industry's comments covered several sections of the GALL and SRP, including SRP Sections 3.5 and 4.5; GALL Chapters II, III, IX, X, and XI; and the final safety analysis report (FSAR) Supplements in SRP Section 3.0 and GALL Chapters X and XI.

In its presentation, the staff identified those industry comments that the staff accepted and noted that, although the staff accepted the comments, accompanying revisions to the GALL and SRP may differ from those proposed by the industry. The presentation also included staff decisions on industry comments for which the staff accepted the comment in part or did not accept the comment, the basis for the staff's decision, and any revisions that were made to the GALL or SRP.

The industry also made a presentation on several issues of concern. These issues included (1) irradiation of concrete (fluence calculations and internal heating), (2) further evaluations that are discussed in SRP Section 3.5, (3) GALL XI.S1, "ASME Section XI, Subsection IWE" (random UT examination sampling of containment shell or liner surfaces, evaluations of liner plate bulges, and surface examination of stainless steel material and dissimilar welds of penetration sleeves and penetration and vent line bellows), (4) GALL XI.S3, "ASME Section, Subsection IWF" (periodic examination of an additional 5% of IWF supports), (5) GALL XI.S6, "Structures Monitoring" (analysis and evaluation of through-wall leakage of groundwater), and (6) GALL XI.S7, "Inspection of Water Control Structures" (inspection interval for submerged concrete subject to non-aggressive raw water).

The staff committed to reviewing the industry's concerns and providing feedback.

## PUBLIC MEETING TO DISCUSS STRUCTURAL COMMENTS ON SUBSEQUENT LICENSE RENEWAL DRAFT GUIDANCE DOCUMENTS

### **PARTICIPANTS LIST**

June 2, 2016

PARTICIPANT AFFILIATION

Gary Adkins Enercon

Eric Blocher Dominion

William Burton U.S. Nuclear Regulatory Commission (NRC)

Steven Bloom NRC

Heather Jones NRC

Bryce Lehman NRC

David Clohecy Exelon

John O'Rourke PSEG Nuclear

Brian Thomas NRC

Mita Sircar NRC