



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

April 7, 2015

MEMORANDUM TO: Steven D. Bloom, Chief  
Subsequent Renewal, Guidance,  
and Operations Branch  
Division of License Renewal  
Office of Nuclear Reactor Regulation

FROM: Albert Wong, Senior Mechanical Engineer */RA/*  
Subsequent Renewal, Guidance,  
and Operations Branch  
Division of License Renewal  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE MEETING BETWEEN THE U.S. NUCLEAR  
REGULATORY COMMISSION STAFF AND THE NUCLEAR  
ENERGY INSTITUTE TO DISCUSS CURRENT LICENSE  
RENEWAL TOPICS

The U.S. Nuclear Regulatory Commission (NRC) staff and representatives of the Nuclear Energy Institute (NEI) met on March 13, 2015, to discuss various topics on license renewal. Enclosure 1 is a list of the meeting participants. The agenda and slide presentations (Enclosures 2-5) are available in the NRC's Agencywide Documents Access and Management System (ADAMS) under Accession No. ML15090A658.

A summary of the meetings discussion follows:

1. Subsequent License Renewal Schedule

The staff presented the NRC's subsequent license renewal (SLR) guidance documents schedule. The final Generic Aging Lessons Learned (GALL) and SRP are expected to be issued in 2017. The industry representative stated that a letter of intent related to industry's SLR schedule would be submitted to NRC in mid-2015.

2. Staff Visits to Industry Sites

The NRC staff thanked the industry for hosting a trip to the Salem and Hope Creek Generating Stations to observe non-destructive examination techniques and equipment in February 2015. The industry representative stated that the staff's upcoming visit to the Electric Power Research Institute (EPRI) Charlotte facility on April 21-22 would focus on the concrete non-destructive examination and advanced welding technology.

CONTACT: Albert Wong, NRR/DLR  
301-415-3081

### 3. Update of EPRI Review of SLR Documents

An industry representative provided an overview on the EPRI review of its documents for possible modifications for SLR. The review encompassed approximately 1,400 documents. Roughly 200 documents were determined to merit further scrutiny. The full results will be available by the end of calendar year 2015.

### 4. Status of NEI 14-12 and 14-13

An NEI representative provided an update on two NEI documents 14-12 "Aging Management Program Effectiveness," and 14-13 "Use of Industry Operating Experience for Age-Related Degradation and Aging Management Programs." NEI 14-12 (Enclosure 3) was released to the industry on February 18, 2015. It is applicable to facilities with renewed licenses during the period of extended operation (PEO). NEI 14-13 was approved in December 2014. However, its implementation is deferred until the Institute of Nuclear Power Operations (INPO) revises text-defining, age-related degradation in its INPO 12-009 "INPO Consolidated Event System (ICES) Reporting Requirements and Standards." Upon issuance, plants in PEO have one year to implement the guidance in this document.

### 5. Creation of Lead Plant Focus Group

An industry representative briefed the audience on the status of creating a lead plant focus group to prepare for future SLR applications. The focus group would review the draft GALL and SRP-SLR, as well as consider updates to NEI 95-10 "Industry Guideline for Implementing the Requirements of 10 CFR Part 54 – The License Renewal Rule" for SLR.

### 6. SLR Roadmap and Communications

An NEI representative summarized the findings from an NEI communications focus group assembled to gauge the public response to the SLR. The key conclusions from the focus group findings included: (1) the term "second license renewal" is preferred over other terms for its clarity when communicating with the public, (2) the plant's physical condition is more important than its actual age when considering SLR, and (3) NRC oversight is paramount for plants considering SLR.

### 7. Pressurized Water Reactor Owners Group Activities Supporting SLR

The Pressurized Water Reactor Owners Group (PWROG) commenced a review of its technical reports referenced in the GALL to determine if updates to these reports are needed for SLR. The review is expected to be completed by the summer of 2015. In addition, the PWROG is evaluating the need to examine whether the original time-limited aging analyses remain valid during the SLR.

### 8. New Topics

The NRC staff plans to hold a public meeting on April 8, 2015, to review structure-related aging management programs for SLR.

9. Action Items

- a. NRC is planning to host a public meeting to discuss GALL-SLR mechanical AMPs. Public meeting date to be determined. Note: It was decided in a subsequent phone call with NEI that a public meeting on mechanical AMPs will be held on May 7, 2015.
- b. NRC and NEI are to continue their discussion on the proposed changes to GALL-SLR electrical AMPs. Public meeting to be determined.
- c. NRC and NEI will discuss the details re: future trips to the EPRI Charlotte facility in April 2015 and the Oak Ridge National Laboratory in July 2015.
- d. NRC and NEI are to discuss how to number the GALL-SLR items in future biweekly meetings.

10. Public Participation

No one from the public participated.

Enclosures:

1. Attendance List
2. SLR Schedule (ML15090A668)
3. Industry Presentation on NEI 14-12 and 14-13 (ML15090A664)
4. Copy of NEI 14-12 (ML15090A665)
5. Industry Presentation on SLR Communications  
Plan Update for NRC (ML15090A670)

cc w/encl: Reactor License Renewal Stakeholder Group Listserv

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- 5. Industry Presentation on SLR Communications Plan Update for NRC (ML15090A670)

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**ADAMS ACCESSION No: ML15082A378**

**\*Concurred via e-mail**

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NAME	IBetts	AWong	SBloom	
DATE	03/24/15	04/7/15	04/8/15	

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CURRENT LICENSE RENEWAL TOPICS

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**ENCLOSURE 1**  
**Meeting between the U.S. Nuclear Regulatory Commission Staff and the**  
**Nuclear Energy Institute to Discuss License Renewal Topics**  
**March 13, 2015**

**Attendance List**

<b><u>NAME</u></b>	<b><u>AFFILIATION</u></b>
Chris Miller	The Nuclear Regulatory Commission (NRC)
Seung Min	NRC
Albert Wong	NRC
Steve Bloom	NRC
William Burton	NRC
Amy Hull	NRC
Bennett Brady	NRC
Araceli Billoch	NRC
George Thomas	NRC
Brian Wittick	NRC
Makuteswara Srinivasan	NRC
Dennis Morey	NRC
Lane Howard	SWRI/CNWRA
Richard Tilley	EPRI
Jason Remer	Nuclear Energy Institute (NEI)
Gary Peters	NEI
Thaddeus Swanek	NEI
Eric Blocher	STARS
Mike Franklin	Duke Energy
Lori Hekking	Duke Energy
Alan Cox	Entergy
Gary Young	Entergy
Terry Hermann	Structural Integrity Associates

Fred Polaski	Polaski Consulting
Edward J Casley	Nextera Energy Seabrook
Todd Ansenmi	ENERCON
Aziz Khanifar	Excel Energy
Michelle Olsofsky	Pacific Gas & Electric Co.
Terry Gerbel	Pacific Gas & Electric Co.
Ken Schrader	Pacific Gas & Electric Co.
Jeff Mulvehill	SNC
Jon Hornbuckle	SNC
Edward Carley	Nextera Energy
Albert Piha	Exelon
John Hildtich	Exelon
Michael Semmler	Westinghouse
Paul Aitken	Dominion
Cliff Coster	FENOC
Lynne Goodman	DTE Energy