



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

April 5, 2013

MEMORANDUM TO: Yoira K. Diaz-Sanabria, Chief
Subsequent Renewal, Guidance,
and Operations Branch
Division of License Renewal
Office of Nuclear Reactor Regulation

FROM: Evelyn H. Gettys, Project Manager */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 15, 2013, to discuss current license renewal topics. The agenda and slide presentations are available in the NRC's Agencywide Documents Access and Management System (ADAMS) under Accession Numbers ML13077A266, ML13079A031, ML13079A035, ML13077A270, and ML13077A271. Enclosed is a list of the meeting participants.

A summary of the meeting's discussions follows:

1. Opening comments

The staff provided an update on some of the license renewal activities. The staff is currently on schedule to issue a draft Generic Environmental Impact Statement (GEIS) and a proposed revised Waste Confidence Decision and Rule by September 2013. The NRC will be issuing in a few weeks, a technical letter report summarizing the aging management program effectiveness audits at Ginna and Nine Mile Point-1 to gather information for subsequent license renewal. Several members of the NRC, including Chairman Macfarlane, presented at the NEI forum that was held in the last week of February.

CONTACT: Evelyn Gettys, NRR/DLR
301-415-4029

2. Containment leakage rate testing

GALL Report aging management program (AMP) XI.S4 "10 CFR (Code of Federal Regulations) Part 50, Appendix J" provides guidance for the management of aging effects for containment boundary pressure retaining components. The staff's presentation covered how the license renewal application (LRA) 10 CFR Part 50, Appendix J should be structured to address the exempted from testing containment boundary pressure retaining components. The program credits the 10 CFR Part 50, Appendix J requirements to define the performance of the containment boundary pressure retaining components and augments per SECY 99-148 to age manage the containment, and all of the containment boundary pressure retaining components, including electrical and mechanical penetrations. Certain components may have been approved to be exempted from 10 CFR Part 50, Appendix J requirements for leak rate testing (LRT). The staff emphasized that the GALL Report AMP shares the same name as the rule but does not have exemptions, and that this is the main difference between 10 CFR Part 50, Appendix J and the AMP.

Plants that have exemptions from 10 CFR Part 50, Appendix J for LRTs can still credit GALL Report AMP XI.S4 for their AMP but need to include in the program how it plans to age manage the exempted components. Alternatively applicants can include in their LRA a plant specific program which will be evaluated per Appendix A1, of revision 2 of NUREG-1800 "Standard Review Plan for Review of License Renewal Applications for Nuclear Power Plants."

3. Issuance of updates to IP 71003: Post-Approval Site Inspections for License Renewal

A revision to Inspection Procedure (IP) 71003, "Post-Approval Site Inspections for License Renewal" was issued in February 2013. The procedure has been enhanced to provide clear guidance and improve the consistency of the inspection across the four Regions. A few changes included: 1) an update to the Inspection Objectives section to verify changes to license renewal activities are made using the correct processes; 2) an update to the Inspection Schedule section to clarify timing and inspection scope of Phases I, II and III; 3) the addition of the Level of Effort section to include recommended sample size and extent of review of license conditions, commitments, AMPs and time-limited aging analyses (TLAAs) for license renewal; 4) an update to the Sample Selection section to include specific inspection guidance for the review of license conditions, commitments, AMPs and TLAAs; and 5) an update to the Resource Estimates section to Convert the resource estimates from weeks to hours. The inspection scope has not changed.

4. RIS: Importance of operating experience evaluations to effective aging management

The NRC staff indicated that it is developing a regulatory issue summary (RIS) document on the importance of reviewing operating experience from an aging management perspective as a means to maintain the effectiveness of the license renewal AMP and activities. The RIS is intended to be a follow-on communication to LR-ISG-2011-05, "Ongoing Review of Operating Experience." The NRC staff stated that it plans to issue a draft for public comment in early summer 2013.

5. Status of interim staff guidance and regulatory issue summary

A brief status report was given on NRC's LR guidance documents currently being developed for issuance.

6. Impacts to staff and industry from the revised 10 CFR Part 51 Rule

On December 6, 2012, the Commission affirmed the final rule revision to its environmental protection regulation, 10 CFR Part 51, governing environmental impact reviews of nuclear power plant operating license renewals. The revision updates the Commission's 1996 findings on the environmental effect of renewing the operating license of nuclear power plants. The final rule redefines the number and scope of the environmental impact issues that must be addressed by the NRC during license renewal environmental reviews. This final rule also incorporates lessons learned and knowledge gained from license renewal environmental reviews conducted by the NRC since 1996. NRC staff has been considering the new environmental issues of the revised rule and will in the near future begin incorporating revised rule content and format into its environmental impact statements. Industry compliance to the revised rule is set at a year after the revised rule federal register notice publication.

7. Looking ahead: road mapping for subsequent license renewal

NEI presented the outline of its objectives and activities towards the goal of submitting a subsequent license renewal (SLR) application for a pilot plant. The NRC wanted to make it clear to NEI the role that NRC plays in the SLR process is not to concur or resolve issues. If NEI or industry has technical papers or topic reports to submit to the NRC, those documents will be considered for review.

8. Highlights from the Long Term Operations/Subsequent License Renewal Forum

NEI discussed the type of presentations that were given at the recent NEI Forum on Long Term Operations and Subsequent License Renewal. This included the tentative SLR milestone schedule with the first SLR application being submitted in the year 2017.

9. Electric Power Research Institute aging management review project results status update

NEI discuss the progress that the project was making and that they were on schedule with deliverables concerning the gap analysis on the aging management review project. A report should be issued in the July timeframe which should give some insight into the sufficiency of the present scope, and identify which AMPs need additional research and development. The report should make recommendations for the removal of certain AMPs and state the possibility of additional AMPs being developed.

10. New Topics

There was a request for NEI to develop a study on AMP effective review from the industry perceptive.

11. Action items

1. NEI: To extend an invitation to NRC when the NEI License Renewal Working Groups meet in the future.
2. NEI: To report back on the number and range of enforcement actions that have been taken on non-safety significant structures, systems and components using the 10 CFR Part 50 Appendix B Quality Assurance Program.
3. NRC/NEI: To hold additional meetings on the following topic: how industry evaluates the effectiveness of aging management programs across the fleet.

12. Public Participation

No members of the public chose to ask questions or provide comments at the meeting.

Enclosure:
As stated

cc w/encl: Reactor License Renewal Stakeholder Group Listserv
Amy Hull
SStuchel

11. Action items

- 4. NEI: To extend an invitation to NRC when the NEI License Renewal Working Groups meet in the future.
- 5. NEI: To report back on the number and range of enforcement actions that have been taken on non-safety significant structures, systems and components using the 10 CFR Part 50 Appendix B Quality Assurance Program.
- 6. NRC/NEI: To hold additional meetings on the following topic: how industry evaluates the effectiveness of aging management programs across the fleet.

12. Public Participation

No members of the public chose to ask questions or provide comments at the meeting.

Enclosure:
As stated

cc w/encl: Reactor License Renewal Stakeholder Group Listserv
Amy Hull
SStuchel

DISTRIBUTION: See next page
A. Hull
S. Stuchel

ADAMS ACCESSION No: ML13079A369

OFFICE	PM:RSRG:DLR	LA:RPB1:DLR	BC:RSRG:DLR	PM:RSRG:DLR
NAME	EGettys	YEdmonds	YDiaz (<i>RKuntz for</i>)	EGettys
DATE	04/3/2013	04/01/2013	04/5 /2013	4/5/2013

OFFICIAL RECORD COPY

OFFICIAL RECORD COPY

**Meeting between the U.S. Nuclear Regulatory Commission Staff and the
Nuclear Energy Institute to Discuss Current Renewal Topics
March 15, 2013**

Attendance List

Name	Affiliation
Allen Hiser	NRC/NRR/DLR
Michael Marshall	NRC/NRR/DLR
Shahram Ghasemian	NRC/NRR/DLR
Andrew Prinaris	NRC/NRR/DLR
Melanie Galloway	NRC/NRR/DLR
Jim Medoff	NRC/NRR/DLR
David Wrona	NRC/NRR/DLR
Bo Pham	NRC/NRR/DLR
Evelyn Gettys	NRC/NRR/DLR
Albert Wong	NRC/NRR/DLR
Melanie Wong	NRC/NRR/DLR
Yaira Diaz	NRC/NRR/DLR
Matt Homiack	NRC/NRR/DLR
Manny Sayoc	NRC/NRR/DLR
Ching Ng	NRC/NRR/DLR
William Ford	NRC/NRR/DLR
Roger Kalikian	NRC/NRR/DLR
Bennett Brady	NRC/NRR/DLR
Seung Min	NRC/NRR/DLR
Rob Kuntz	NRC/NRR/DLR
Heather Jones	NRC/NRR/DLR
Makuteswara Srinivasan	NRC/RES
Lynne Godman	Detroit Edison

Name	Affiliation
Lori Hekking	Duke Energy
Michael Fallin	CENG
Richard Tilley	EPRI
Debra Spamer	Exelon
Al Fulvio	Exelon
Shannon Rafferty-Czincila	Exelon
Cliff Custer	FENOC
Peter Tutinas	NextEra Energy - Seabrook
Jason Remer	Nuclear Energy Institute
Fred Polaski	Polaski Consulting, LLC
Eric Blocher	STARS
Nancy Slater-Thompson	DOE
Rich Reister	DOE
Dan Chalk	DOE
Ken Brune	TVA
Gary Adkins	TVA
Randal Boyd	Palo Verde Nuclear Generating Station
Carlos Sisco	Winston & Strawn
Sandra Birk	Idaho National Lab.
Dave Marroni	Public
Todd Mintz	Southwest Research Institute
Jon Hornbuckle	SNC
Rigel Davis	STARS/SCE
Garry Young	Entergy
John O'Rourke	PSEG Nuclear
Sarah Kovaleski	Ameren Missouri

ENCLOSURE

Name	Affiliation
Ray Kuyler	Morgan Lewis

ENCLOSURE