

June 7, 2012

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

FROM: Stacie S. Sakai, Sr. Project Manager /RA/
Subsequent Renewal, Guidance, and
Operations Branch
Division of License Renewal
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF MEETING TO RECEIVE COMMENTS ON
SUBSEQUENT LICENSE RENEWAL

The U.S. Nuclear Regulatory Commission (NRC) staff and interested stakeholders met on May 9, 2012, to discuss issues for consideration for subsequent license renewal. The agenda and slide presentations; written electronic comments; and meeting transcript are available in the NRC's Agencywide Documents Access and Management System (ADAMS) under Accession Nos. ML12135A610, ML12157A549, and ML12158A545, respectively. The meeting transcript has been selectively edited to provide the best representation of what was stated during the meeting. However, there may be parts of the transcript that may not provide an accurate representation of what was stated. Enclosed is a list of the meeting participants.

A summary of the meeting's discussions follows.

1. Process Issues

The staff presented on the current process of license renewal. Panelists for the process issue panel were David Lochbaum, Union of Concerned Scientists; Richard Webster, Public Justice; Mary Lampert, Pilgrim Watch; and Garry Young, Nuclear Energy Institute. Process issues were presented by each of the panelists followed by a discussion among the panelists, and then a discussion by all meeting participants. The process issues discussed included ensuring revised guidance (e.g., Standard Review Plan-License Renewal (SRP-LR) and the Generic Aging Lessons Learned (GALL) Report) are retroactively applied to previous re-licensed plants; considering applicability of exemptions, waivers, and other grandfathering from regulations during the license renewal process; requiring implementation of cost beneficial safety upgrades; reevaluating issues that were considered but not required for first license renewals (e.g. emergency planning, radioactive waste, and health); financial and procedural difficulties in the hearing process for interveners; a requirement to have mandatory hearings for all renewals; and consideration of timing for submittal of an application for subsequent license renewal. Comments were also made on the experience of the current license renewal program; the stability, predictability, and transparency of the

current process; and the regulations being appropriate and well defined to ensure safe continued operation.

2. Safety Issues

The staff presented on the safety issues for license renewal. Panelists for the safety issue panel were David Lochbaum, Union of Concerned Scientists; Richard Webster, Public Justice; Mary Lampert, Pilgrim Watch; Michael Fallin, Nuclear Energy Institute; Sherry Bernhoft, Electric Power Research Institute; and Richard Reister, Department of Energy. Safety issues were presented by each of the panelists followed by a discussion among the panelists, and then a discussion by all meeting participants. The safety issues discussed included additional one-time inspections, adding severe accident prevention and mitigation into the current licensing basis, identifying new aging mechanisms, requiring greater than 95 percent certainty in design margins, and the research being conducted on neutron embrittlement of the reactor pressure vessel, concrete and containment aging, and improved cables testing.

3. Environmental Issues

The staff presented on the environmental issues for license renewal. Panelists for the environmental issue panel were Richard Webster, Public Justice; Mary Lampert, Pilgrim Watch; Ricky Buckley, Nuclear Energy Institute; and Scott Wilson, Environmental Protection Agency. Environmental issues were presented by each of the panelists followed by a discussion among the panelists, and then a discussion by all meeting participants. The environmental issues discussed included thermal discharges and cooling water systems both in general and as they apply to National Pollutant Discharge Elimination System (NPDES) permits; performing an evaluation of Severe Accident Mitigation Alternatives (SAMAs) based on new and significant information; inadequacy of current evaluations of SAMA; consideration of socioeconomic impacts in SAMA analyses; evacuation impacts; and environmental justice. Comments on environmental issues were also made on how the current regulatory structure provides stability and an overall benefit by fostering the continued safe use of non-greenhouse gas emitting electricity; the existing license renewal process is robust, comprehensive, and transparent to all stakeholders; existing regulations to review the generic findings in the generic environmental impact statement on a 10-year cycle allows for the incorporation of lessons learned and operating experience; the process actively involves other regulatory agencies; and if emergent issues arise, there are processes in place to ensure they are addressed in a timely manner for protection of public health and the environment.

Enclosure:
As stated

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2. Safety Issues

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ADAMS Accession Nos.: ML12159A174 (pkg); ML12159A069 (memo); ML12135A610 (agenda/slides); ML12157A549 (comments); ML12158A545 (transcript)

OFFICE	PM:RSRG:DLR	PM:RSRG:DLR	LA:RPB2:DLR	BC:RSRG:DLR
NAME	SSakai	BBrady (SSakai for)	IKing	YDiaz
DATE	06/07/2012	06/07/2012	06/07/2012	06/07/2012

Memorandum to Yoira K. Diaz-Sanabria from Stacie S. Sakai, dated June 7, 2012

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MSpencer, OGC
DLochbaum, Union of Concerned Scientists
AGundersen, Fairewinds Associates
MGundersen, Fairewinds Associates
JRiccio, Greenpeace
MLampert, Pilgrim Watch
RWebster, Public Justice (rwebster@publicjustice.net)
SBernhoft, EPRI (sbernhof@epri.com)
RReister, DOE (richard.reister@nuclear.energy.gov)
BLittleton, EPA (Littleton.brian@epa.gov)
MRountree, EPA
SWilson, EPA (wilson.js@epa.gov)
KYhip, SCE

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**U.S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Division of License Renewal**

Receive Comments for Subsequent License Renewal

May 9, 2012

Attendance List

Name	Affiliation
ATA ISTAB	NRC
Jaira Diaz Sanabria	NRC
Don Williams	ORNL
Gary ARNOLD	NRC
Melanie Galloway	NRC
AL FULVIO	EXCELON
Rick Buckley	Energy Nuclear
GARRY G. YOUNG	ENERGY NUCLEAR
MICHAEL FALLIN	CENG
Bill Rogers	NRC
JAMES MEDOFF	NRC
LISA REGANER	NRC
Kenichi Watanabe	NRC
Heather Jones	NRC
RAY KUTLER	MORGAN LEWIS
ALBERT WONG	NRC
ANGELA BUFORD	NRC
Milia Cole	NRC
DAVE WROTA	NRC

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Office of Nuclear Reactor Regulation
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Attendance List

Name	Affiliation
JASON REMAR	NEI
Dave Lockbrown	VCS
CHUCK EARLY	NEI
Allen Hiscin	NRC
Rob Kuntz	NRC
Richard Reister	DOE
NANCY RANEK	EXELON
Sherry Burnhjt	EPRI
BRIAN HOLAN	DLR/NRC
Rachel VAUCHER	ASW
Makuteswara Srinivasan	USNRC
Evelyn Gettis	WRC
Amy Hull	NRC
Dennis Warren	NRC
JIM RICCO	
John Dinn	NRC
MOSCAL BRIMY	NIH
Scott Wilson	EPA
JEREMY SUSCO	NRC

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Attendance List

Name	Affiliation
Michael Lutzel	NRC

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**Conference Call Requests for
May 9, 2012 Public Meeting on Subsequent License Renewal**

Name	Affiliation
Kathy Yhip	Southern California Edison
Charlie Meyer	Westinghouse
Kathryn Liberatore	New York State Office of the Attorney General
David Marroni	GAO
Alex Polonsky	Morgan Lewis
Josie Garthwaite	
Albert Fulvio	Exelon
Todd Mintz	CNWRA
Derek Brice	Balch & Bingham LLP
Wayne Lunceford	Alliance Engineering
Ralph Andersen	NEI
Casey Deitrich	CQ Transcriptions
Ben Bass	CQ Transcriptions
Lee Van Buiten	Duane Morris