

## **U.S. Nuclear Regulatory Commission Public Meeting Summary**

**Title:** Environmental Review for Subsequent License Renewal

**Meeting Identifier:** 20160698

**Date of Meeting:** Thursday, May 19, 2016

**Location:** U.S. Nuclear Regulatory Commission (NRC) Headquarters, Rockville, MD

**Meeting Contact:** James Danna, U.S. NRC

**Type of Meeting:** Category 2 public meeting between NRC staff from the Office of Nuclear Reactor Regulation and representatives of the Nuclear Energy Institute (NEI) License Renewal Environmental Task Force

### **Purpose of the Meeting:**

To discuss (1) NEI's proposed approach for conducting the evaluation of new and significant information regarding severe accident mitigation alternatives (SAMAs) during the environmental review for subsequent power reactor license renewal, and (2) to discuss other approaches for optimizing the effectiveness of the environmental reviews for power reactor subsequent license renewals.

### **General Details:**

The meeting was scheduled for 9:00 am – 12:00 pm. Thirty individuals attended the meeting in person. At least nine individuals attended via teleconference. A list of the known meeting participants is attached. The meeting began promptly at 9:00 am. The opportunity for public participation began after completion of the presentations at approximately 11:15 am. The meeting concluded at approximately 11:35 am. (At approximately 10:50 am, the phone line was cutoff because of an NRC-wide service interruption. The meeting was temporarily suspended until the teleconference was restarted via a cell phone connection.)

### **Summary of Presentations:**

The meeting began with James Danna, NRC, providing some opening remarks regarding the purpose of the meeting and logistical information. Jason Remer, NEI, also provided brief opening remarks.

Mr. Danna then put the meeting in context by providing an overview of the environmental review process supporting power reactor license renewal. (The handout for this presentation is publicly available in ADAMS, the NRC's electronic document management system, under document

accession number ML16131A886.) Mr. Danna stated that the meeting would focus on issues particular to the next round of power reactor license renewals, referred to as subsequent (or second) license renewal, which may begin with an application as early as 2019. The NRC's intent is to leverage the experience gained through the initial round of power reactor license renewals to optimize the environmental reviews for subsequent license renewal. Mr. Danna stressed that the NRC's current body of license renewal environmental review documentation is adequate and that no new documentation is planned.

Donald MacLeod, Jensen Hughes, then gave a presentation regarding the NEI Task Force's proposed approach for an applicant's evaluation of new and significant information during a subsequent license renewal environmental review, as it relates to an existing severe accident mitigation alternatives (SAMA) evaluation completed during that applicant's previous license renewal environmental review. (The handout for this presentation is publicly available in ADAMS under document accession number ML16131A826.)

The NRC staff indicated that the Limerick Generating Station license renewal environmental impact statement (EIS) provided an example of how the staff has evaluated new information for its significance relating to a previously performed SAMA analysis. The NRC staff asked whether an SLR applicant following the NEI proposed approach would provide, in a license renewal environmental report (ER) or through another method, information to the NRC similar to that contained in the Limerick EIS. An NEI Task Force representative responded that while high-level summary information would be provided in the ER, full documentation would be available to the NRC through audit, and the NRC could submit requests for additional information to obtain what it needs, which is consistent with the process for review of new and significant information used for other license renewal Category 1 issues. The NEI Task Force representative stated that they would like to discuss the level of detail to include in the ER in a future meeting. The NRC staff indicated that site-specific environmental impact statements for subsequent license renewal would need to identify any new information and discuss whether the new information is considered significant in a manner similar to the Limerick EIS. The NRC staff also indicated that, in considering new and potentially significant information, the NRC would need to see a discussion of plant changes since the last SAMA analysis. An NEI Task Force representative stated that NEI will consider recommending that applicants include this information in the ER.

The NRC staff also asked whether an applicant would provide in its ER the status of implementation of any potentially cost-beneficial SAMAs identified during the original license renewal review in which the maximum averted cost risk reduction exceeded the screening criteria being proposed for subsequent renewal. An NEI Task Force representative responded that it would be rare for such a circumstance to arise, but that the Task Force would consider including guidance for dealing with it in the proposed approach.

Mr. Danna then briefly presented a list of other areas the NRC may consider for optimization to make the environmental reviews for subsequent license renewal more efficient and transparent, reduce unnecessary regulatory burden, and improve timeliness. (The handout for this

presentation is publicly available in ADAMS under document accession number ML16131A888.) Mr. Tony Banks, Dominion, also briefly presented a list of actions that the NEI Task Force believes could improve the efficiency of the NRC's license renewal environmental review process. (The handout for this presentation is publicly available in ADAMS under document accession number ML16131A824.) (During this presentation, the phone line was cutoff because of an NRC-wide service interruption. The meeting was temporarily suspended until the teleconference was restarted via a cell phone connection.) The NRC staff and NEI Task Force participants agreed that they would review the items on the two lists and determine which would be suitable topics for future meetings.

#### **Public Participation:**

Following the presentations, Mr. Danna asked the teleconference operator to queue anyone participating by phone who wished to make comments or ask questions. Mr. Bill Maher, Florida Power and Light, asked a question related to the applicability of the NEI proposal for evaluating new and significant information pertaining to SAMA to the new reactor licensing process. Mr. Maher also commented that he generally agreed with the NEI proposal. No other participants on the phone asked questions or made comments.

#### **Action Items/Next Steps:**

The NEI Task Force stated that, while finishing a draft document describing its proposed approach for evaluating new and significant information for SAMAs, it will consider comments made during the meeting and send the NRC the draft document for review.

The NRC staff and NEI Task Force participants agreed that they would review the lists of items proposed to optimize the environmental reviews for subsequent license renewal and determine which would be suitable topics for future meetings.

#### **Attachments:**

Participant List

#### **Supporting Documentation:**

Public Meeting Notice – ADAMS Accession No. ML16130A666

Meeting Handouts – ADAMS Accession Nos. ML16131A886, ML16131A826, ML16131A888, ML16131A824

**Public Meeting: Environmental Review for Subsequent License Renewal  
May 19, 2016**

**Meeting Participants**

<b>Name</b>	<b>Affiliation</b>
Jason Remer	NEI
Donald MacLeod	Jensen Hughes
Tony Banks	Dominion
Nancy Ranek	Exelon
Deborah Luchsinger	Enercon
Kathryn Sutton	Morgan Lewis
Lisa Matis	Tetra Tech
William Webster	Dominion
Rick Buckley	Entergy
Gary Smith	Enercon
Steve Roth	Bechtel
Mary Richmond	Bechtel
Jana Bergman	Curtiss-Wright/Scientech
Jerud Hanson	NEI
Bill Maher (by teleconference)	Florida Power and Light
Dale Wuokko (by teleconference)	Global Energy Management Corporation
James Thomas (by teleconference)	Enercon
Tyson R. Smith (by teleconference)	Winston & Strawn LLP
Christopher J. Riedl (by teleconference)	Tennessee Valley Authority
Bob Coad (by teleconference)	FENOC Perry Nuclear Power Plant
James Danna	U.S. NRC
Jerry Dozier	U.S. NRC
Donald Palmrose	U.S. NRC
Kevin Folk	U.S. NRC
John Parillo	U.S. NRC
David Drucker	U.S. NRC
Bill Rautzen	U.S. NRC
Jeff Rikhoff	U.S. NRC
Bob Hoffman	U.S. NRC
Michael Wentzel	U.S. NRC
Bill Rogers	U.S. NRC
Yaira Diaz	U.S. NRC
Undine Shoop	U.S. NRC
Jeremy Wachutka	U.S. NRC
Michele Moser	U.S. NRC
Nancy Martinez	U.S. NRC
Daniel Hudson (by teleconference)	U.S. NRC
Briana Grange (by teleconference)	U.S. NRC
Lois James (by teleconference)	U.S. NRC