

December 26, 2013

MEMORANDUM TO: Matthew A. Mitchell, Chief  
Projects Management Branch  
Japan Lessons-Learned Project Directorate  
Office of Nuclear Reactor Regulation

FROM: Christopher A. Hunt, Project Manager */RA/*  
Projects Management Branch  
Japan Lessons-Learned Project Directorate  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE NOVEMBER 26, 2013, PUBLIC MEETING  
TO DISCUSS INDUSTRY RESPONSES TO STAFF INTERIM  
EVALUATIONS FOR SPENT FUEL POOL INSTRUMENTATION

On Tuesday, November 26, 2013, the U.S. Nuclear Regulatory Commission (NRC) staff held a category 2 public meeting with the Nuclear Energy Institute (NEI) and nuclear utility representatives to discuss obtaining the information needed for the staff to complete its review of licensee plans for complying with the requirements of the NRC Order EA-12-051, "*Issuance of Order to Modify Licenses with Regard to Reliable Spent Fuel Pool Instrumentation.*" The meeting participants are included in the enclosure to this document.

The purpose of the meeting was to clarify the information needed by the staff to allow the staff to complete its final staff evaluations. The NRC staff presented handouts (Agencywide Documents Access and Management System (ADAMS) Accession No. ML13326A508) and examples of appropriate responses (ADAMS Accession No. ML13326A512) based on licensee submittals received to date. These examples provided the level of detail that the staff would find appropriate in response to the interim staff evaluation (ISE) questions.

Topics of discussion included instrument protection, mounting, spacing, seismic qualification, power supplies, and cabling; accounting for radiation at the spent fuel pool operating deck when water level is at level 2 in the pool; instrument display location; built-in instrument automated testing functions; taking manual actions to maintain cooling pump net positive suction head; and use of safety related terminology for non-safety related equipment. Extensive discussion focused on the need to account for radiation levels due to core damage when determining display locations. Industry representatives expressed concern over the level of detail of some of the information requested, but appreciated the clarification provided by the staff's presentation. In addition, industry representatives questioned the basis for certain requests made by the staff in the ISEs. The NRC staff acknowledged that further discussions with the industry in public meetings would be necessary.

Industry representatives also proposed that there may be alternative approaches for the NRC staff to gain access to the information needed to write their final staff evaluations, including regulatory audits of instrument vendors.

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During the meeting, the staff clarified that the ISE questions supersede any previous requests for information issued by the staff concerning the spent fuel pool instrumentation. Industry representatives requested that in the future the staff issue only requests for new information rather than reissuing a previous question to avoid confusion.

Members of the public participated in the meeting via telephone and asked clarifying questions at the designated time during the meeting.

Enclosure:  
Participant list

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Members of the public participated in the meeting via telephone and asked clarifying questions at the designated time during the meeting.

Enclosure:  
Participant list

**DISTRIBUTION:**

PUBLIC	GCasto
JLD R/F	TMcGinty
PMNS Resource	CRoque-Cruz
BPurnell	RAlvarado
DRahn	AMcMurtray

**ADAMS Accession Nos.:**

**Package: ML13360A333**

**Summary: ML13347B030**

**Meeting Notice: ML13319A656**

**Meeting Handout: ML13326A508**

**Meeting Handout: ML13326A512**

\*Concurrence via e-mail

OFFICE	NRR/JLD/PMB/ PM	NRR/JLD/LA *	NRR/JLD/PMB/BC	NRR/JLD/PMB/ PM
NAME	CHunt	SLent	MMitchell	CHunt
DATE	12/12/2013	12/20/2013	12/26/2013	12/26/2013

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PUBLIC MEETING TO DISCUSS INDUSTRY RESPONSES TO STAFF INTERIM  
EVALUATIONS FOR SPENT FUEL POOL INSTRUMENTATION  
November 26, 2013

Participant List

**Name:**

**Organization:**

Pong Chung	Nuclear Regulatory Commission (NRC)
Tom Rohe	Nextera Energy
David Distel	Exelon
Guy Martin, Jr.	Constellation
Greg Casto	NRC
Steven Kraft	Nuclear Energy Institute (NEI)
Christopher Hunt	NRC
David Rahn	NRC
Carla Roque-Cruz	NRC
Alan Dowell	Dominion
Blake Purnell	NRC
Tim McGinty	NRC
Rossnyev Alvarado	NRC
Samir Darbali	NRC
Alexander Tsirigotis	NRC
Anthony McMurtray	NRC
Matthew Mitchell	NRC
Steve Mirsky	NuScale Power
Undine Shoop	NRC
Steven Dolley	PLATTS

Enclosure