

February 4, 2008

MEMORANDUM TO: Michael Junge, Chief  
Operator Licensing and Human Performance Branch  
Division of Construction and Operational Programs  
Office of New Reactors

FROM: Richard Pelton */RA/*  
Operator Licensing and Human Performance Branch  
Division of Construction and Operational Programs  
Office of New Reactors

SUBJECT: SUMMARY OF JANUARY 8, 2008, CATEGORY 2 PUBLIC MEETING  
WITH THE NUCLEAR ENERGY INSTITUTE TO DISCUSS NEW  
REACTOR OPERATOR LICENSING INITIATIVES

On January 8, 2008, the U.S. Nuclear Regulatory Commission (NRC) staff held a public meeting with Nuclear Energy Institute (NEI), industry representatives, and vendors to discuss the operator licensing white papers (ADAMS Accession Number ML080150100) submitted by NEI on December 13, 2007. Enclosure 1 lists the attendees at the meeting and individuals who participated via teleconference; no members of the general public were present. Enclosure 2 is the meeting agenda. Information presented by NEI and industry representatives at the meeting is available in ADAMS at Accession Number ML080150006.

The New Reactor operator licensing white paper discusses cold licensing of the projected 450 licensed operators necessary to operate the new nuclear power plants. Cold licensing is a process used prior to fuel load that provides a method for operations personnel to acquire the knowledge and experience required for licensed operator duties following construction.

Meeting participants agreed that time spent obtaining experience prior to licensing must be meaningful and consistently calculated. The final determination of meeting the experience requirements rests with the NRC. Consensus between the NRC and NEI was reached in the areas of training program accreditation and implementation, in-plant JPMs and on-shift OJT during construction, simulator training using a part task/limited scope simulator, continuing training prior to and following NRC licensing exams, and scheduling of licensing examinations.

The NRC noted that additional guidance needs to be developed in the areas of:

documentation of experience, for each individual, used to meet the "cold license" eligibility guidance,

and, overall operating crew experience.

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M. Junge

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In closing, NEI agreed to add additional information pertaining to overall operating crew experience and documentation of experience to the white paper. NRC agreed to review the submittals. No final positions were taken during the meeting. Additional public meetings may be held after NRC has reviewed the submittals being prepared by NEI.

Enclosure:

1. List of Attendees
2. Meeting Agenda

cc w/encl: See next page

M. Junge

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Enclosure 1: List of Attendees

Enclosure 2: Meeting Agenda

cc w/encl: See next page

Distribution:

See next page

ADAMS Package Accession Number: ML080150347  
Meeting Notice Accession Number: ML073520210  
Meeting Handout Accession Numbers: ML080150006  
Meeting Summary Accession Number: ML080290034

OFFICE	DCIP/COLP	DCIP/COLP
NAME	RPelton	MJunge
DATE	02/01/08	02/04/08

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Memo to Michael Junge from Richard Pelton dated February 4, 2008.

SUBJECT: SUMMARY OF SEPTEMBER 13, 2007, CATEGORY 2 PUBLIC MEETING WITH  
THE NUCLEAR ENERGY INSTITUTE TO DISCUSS NEW REACTOR  
OPERATOR LICENSING INITIATIVES

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Public Meeting with the Nuclear Energy Institute (NEI)  
 Discussion of New Reactor Operator Licensing Initiatives  
 January 8, 2008  
 Meeting Attendees

Name	Organization
Glenn Tracy	NRC
Fred Brown	NRC
Mike Junge	NRC
Rick Pelton	NRC
John Munro	NRC
Mark Lintz	NRC
James Biggins	NRC
Paul Pieringer	NRC
Mark Miller (per telcom)	NRC
Rick Baldwin (per telcom)	NRC
Hironori Peterson (per telcom)	NRC
Eddie Grant (per telcom)	NuStart
Todd Newkirk (per telcom)	IBEW
Mark Paul	Dominion
Charles Sawyer	Duke Energy
Gregory Sparks	ETR
Julia Longfellow	General Electric
Mike Llewellyn	INPO
John Brabec	Luminant Power
Jack Roe	NEI
Chris Earls	NEI
Russell Smith	NEI
Hamer Carter	Progress Energy

<b>Name</b>	<b>Organization</b>
Michael Simpson	SCANA
Mike Marler	South Texas Project
Tom Ryan	TVA
Gregg Ellis	UNISTAR
Paul Hippely	Westinghouse
Joseph White	Exelon Nuclear
Ken Scarola	MHI - NAC
Ted Amundson	Southern Nuclear
Charlie Nesbitt	Southern Nuclear
Satoshi Hanada	MNES

**PUBLIC MEETING WITH THE NUCLEAR ENERGY INSTITUTE ON  
NEW REACTOR OPERATOR LICENSING**

**DATE/TIME:** January 8, 2008/9:00am-1:00pm

**LOCATION:** Nuclear Energy Institute  
4 Main Conference Room  
1776 I Street NW  
Washington DC

**PURPOSE:** Discuss comments on NEI White Papers

**Desired Outcomes:** *By the end of this session, we will have:*

- Reviewed comments on NEI White Papers
- Developed a common understanding of the requirements for cold licensing of operators

<b>AGENDA</b>		
TOPIC (content)	WHO (leader)	Time (minutes)
Meeting Introductions:  • Opening comments	Junge	15
Training Program Accreditation  (Desired Outcome) Understanding of Accreditation timing and expectations	NRC	15
JPM's and OJT During Construction Phase  (Desired Outcome) Understanding of the use of JPM's and OJT during the construction phase	NRC	15
Simulator Training using Part Task/Limited Scope Simulator  (Desired Outcome) Understanding of the use of Limited Scope and Plant-Referenced Simulators	NRC	15

Continuing Training (prior to license exam and after) (Desired Outcome) Understanding of the continuing training plans	NRC	20
Scheduling of NRC License Examinations (Desired Outcome) Understanding of licensed operator examination plans	NRC	15
Crew Experience Requirements During First Year of Operation (Desired Outcome) Understanding of level of experience required	NEI	30
Experience Requirements for License Candidates (Desired Outcome) Understanding of level of experience required	NEI	90
Review of agenda and action items (Desired Outcome) Understanding of action, responsibility and due date	NRC	30
Next Steps	Junge	10

Nuclear Energy Institute

cc:

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