



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION III  
2443 WARRENVILLE RD. SUITE 210  
LISLE, IL 60532-4352

August 6, 2015

MEMORANDUM TO: Kenneth G. O'Brien  
Division of Reactor Safety  
Region III

FROM: Hironori Peterson, Chief */RA David Hills Acting for/*  
Operator Licensing Branch  
Division of Reactor Safety

SUBJECT: SUMMARY OF JULY 29 – 30, 2015, PUBLIC MEETING -  
REGION III 2015 OPERATOR LICENSING WORKSHOP

The U.S. Nuclear Regulatory Commission's (NRC's) Region III Operations Branch in cooperation with the Headquarters Division of Inspection and Regional Support, Operator Licensing Branch, organized and conducted a workshop at the Wyndham Hotel, Lisle, Illinois, on July 29-30, 2015. The workshop provided a venue for the sharing of information on writing operator licensing examinations and for the sharing of industry experience on a variety of topics. The workshop was a public meeting. The workshop promoted an open forum for discussion of issues.

The workshop topics were chosen by Hironori Peterson, Chief, NRC Region III Operations Branch. The topics and presenters can be found in Enclosure 1, Workshop Agenda.

The workshop objectives were to:

- (1) Discuss and define expectations for Operator Licensing Fundamentals;
- (2) Share lessons learned by NRC and industry while preparing the license examination;
- (3) Discuss issues affecting the Operator Licensing Program activities with the licensees and industry;
- (4) Provide clarification on existing internal agency guidance relevant to Operator Licensing Examination and Inspection Programs;
- (5) Provide an open forum discussion concerning examination development and quality;
- (6) Provide insights on Fukushima Event Lessons Learned; and
- (7) Share information provided during a recent public meeting concerning proposed changes to NUREG-1021, Operator Licensing Examination Standards, Revision 11.

The workshop was attended by 21 utility personnel, one presenter from NRR/HQ, two NRC specialists from the Office of the Inspector General, and 11 NRC employees from NRC Region III. Enclosure 2 is a list of the workshop attendees.

CONTACT: D. McNeil, DRS/OLB  
630-829-9737

On the first day of the workshop, Mr. Mohammed Shuaibi, Deputy Director, Division of Reactor Safety, NRC Region III, welcomed the participants to the workshop. Mr. Darrell Roberts, Deputy Regional Administrator, NRC Region III, provided opening remarks concerning the importance of well-qualified operators in the nation's control rooms. Mr. Roberts' remarks were followed by presentations on the topics listed in the revised agenda (Enclosure 1). On the second day, Mr. Hironori Peterson, Region III Operations Branch Chief, welcomed the participants to the second session of the workshop. His remarks were followed by the presentation topics noted in the revised agenda (Enclosure 1). The agenda was revised as Mr. Gregg Ludlam, was not able to attend and had to cancel his presentation. The revised agenda also includes ADAMS Accession numbers for each of the presented topics. The comments and requests submitted by the attendees at the end of the workshop were reviewed and evaluated by the Region III Operations Branch. No requests of an urgent nature were found in the comments.

Enclosures:

As stated

## WORKSHOP AGENDA

Wednesday, July 29, 2015

<b>Time</b>	<b>Topic</b>	<b>Presenter / Facilitator</b>
07:00 – 08:00	<b>Preparation/Set Up; Networking &amp; Registration</b>	<b>NRC Staff</b>
08:00 – 08:15	<b>Introduction Workshop Overview &amp; Agenda / Logistics</b>	<b>H. Peterson</b>
08:15 – 08:45	<b>Welcome Address &amp; Opening Remarks</b>	<b>D. Roberts</b>
08:45 – 09:45	<b>NUREG 1021, Rev 10 – New Revision to Examination Standard</b> (New Changes; Updates; Implementation; Q&As) ML15215A668	<b>B. Palagi</b>
09:45 – 10:00	<b>Break</b>	<b>All</b>
10:00 – 11:00	<b>Exam Quality: Written Examination Fundamentals</b> (From Outline to Question; SRO; Distracters; LOD ) ML15215A702	<b>D. McNeil</b>
11:00 – 12:00	<b>Exam Quality: Initial License Exam Program Consistency</b> (Requirements & Expectations; Prep & Development; Validation, etc.) ML15215A678	<b>K. Walton</b>
12:00 – 13:00	<b>LUNCH</b>	<b>All</b>
13:00 – 14:00	<b>Requalification Issues &amp; Perspectives</b> (Recent Operational Events; Training; Medical Issues; Exam Quality, etc.) ML15215A666	<b>D. Reeser H. Peterson</b>
14:00 – 15:00	<b>Status of Fukushima Rulemaking Efforts and New Simulator ANS/ANSI 3.5</b> (NRR Updates) ML15215A684	<b>L. Vick (NRR)</b>
15:00 – 15:15	<b>Break</b>	<b>All</b>
15:15 – 15:45	<b>Open Forum: Various Topics of Interest</b> (Panel Discussion; Programmatic Q&As)	<b>NRC Staff</b>
15:45 – 16:00	<b>Wrap Up First Day Workshop</b> (Public Q&As)	<b>All</b>
16:00	<b>Close First Day Workshop</b>	

# WORKSHOP AGENDA

Thursday July 30, 2015

Time	Topic	Presenter / Facilitator
07:45 – 08:00	<b>Open Discussions</b> (Recap of Previous Day & Today's Agenda Review)	H. Peterson
08:00 – 09:30	<b>Exam Quality: Simulator Scenario Fundamentals</b> (From Outline to Submittal; Design; Requirements, etc.) ML15215A723	M. Bielby C. Zoia
09:30 – 11:00	<b>Exam Quality: Job Performance Measure Fundamentals</b> (From Outline to Submittal; Admin Topics; Alternate Path, etc.) ML15215A661	M. Bielby C. Zoia
11:00 – 12:15	<b>LUNCH</b>	All
12:15 – 13:00	<b>NRC Admin Issues &amp; Perspectives</b> (Application & License Correspondence Submittals; Waivers, etc.) ML15215A715	K. Walton J. Kweiser
13:00 – 14:00	<b>Recent Regulatory Operational Experiences: NRC &amp; Licensee</b> (Past/Current Issues and Feedback; Medical Issues, etc.) 15215A672	H. Peterson
14:00 – 15:00	<b>NRC Examination Processes – Proposed Changes for NUREG 1021, Rev 11</b> (Results; Recent Issues and Status; NRC Lessons Learned Review Team; Operator Licensing Implementation Team) 15215A672	H. Peterson
15:00 – 15:15	<b>Wrap-up Second Day Workshop</b> <ul style="list-style-type: none"> <li>• Public Q&amp;As</li> <li>• Plans for 2016</li> <li>• Critique Forms</li> </ul>	NRC Staff
15:15	<b>End Workshop</b> (Networking, Q&As)	NRC Staff

2015 Operator Licensing Workshop NRC Region III

July 29-30, 2015 <b>2015 OL WORKSHOP ATTENDEES</b>	
<u>NAME</u>	<u>SITE/LICENSEE</u>
Larry Vick, Reactor Engineer	IOLB/NRR
Vicki Foster, Audit Manager	OIG
Jenny Cheung, Auditor	OIG
Darrell Roberts, Deputy Regional Administrator	Region III
Mohammed Shuaibi, Deputy Director, Division of Reactor Safety	Region III
Hironori (Pete) Peterson, Chief, OB	Region III
Mike Bielby, Ops Branch	Region III
Jan Kweiser, Ops Branch	Region III
Dell McNeil, Ops Branch	Region III
Bruce Palagi, Ops Branch	Region III
Dave Reeser, Ops Branch	Region III
Keith Walton, Ops Branch	Region III
Chuck Zoia, Ops Branch	Region III
Nick Valos, Reactor Analyst	Region III
Kostas Dovas, Training Director	Braidwood/Exelon
Brian Kempen, ILT Lead Instructor	Braidwood/Exelon
Jarrett A. Griffin, LORT Requal Exam Author	Braidwood/Exelon
Lynn Sanders, LORT Lead	Byron/Exelon
Robert Peterson, Sr. OPS Instructor/Exam Author	Byron/Exelon
Todd Valley, OPS Training	D. C. Cook/AEP
Troy Biesterveld, General Supervisor, Operations Training	DAEC/NextEra Energy
James Ford, Senior Operations Instructor	DAEC/NextEra Energy
Chuck Kolotka, Exam Author	Dresden/Exelon
Fred Bruns, Corporate Training Program	Kennett Square/Exelon
Scott Deprest, Corporate Exam Writer	Production Training Center/Exelon

2015 Operator Licensing Workshop NRC Region III

July 29-30, 2015 <b>2015 OL WORKSHOP ATTENDEES</b>	
<u><b>NAME</b></u>	<u><b>SITE/LICENSEE</b></u>
Chris Burkhart, Corporate Exam Writer	Kennett Square/Exelon
Tony Roberts, Sr. Nuclear Ops Trng Inst.	Fermi/DTE
Chris Peterson, Supervisor-Initial Ops Training	Monticello/Xcel Energy
Roman Becker, Lead NRC Exam Developer	Monticello/Xcel Energy
Steve Botimer, LOI/Simulator Instructor and Regulatory Exam Author	Palisades/Entergy
Don Karnes, LOR/Simulator Instructor, Regulatory Exam Author, and Medicals SME	Palisades/Entergy
Tom Gaydosik, Lead, Fleet Exam Team	FENOC
Arne Gustafson, General Supervisor, Operations Training	Point Beach/NextEraEnergy
Randy Amundson, NRC Exam Coordinator	Point Beach/NextEraEnergy
Kevin Arney, LORT Lead	Quad Cities/Exelon

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Enclosures:

As stated

ADAMS Accession Number ML15219A272

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