

July 8, 2014

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

FROM: Jim Kellum **/RA/**  
Operator Licensing and Human Performance Branch  
Division of Construction, Inspection  
& Operational Programs  
Office of New Reactors

SUBJECT: SUMMARY OF JUNE 18, 2014, PUBLIC MEETING WITH THE  
NEI OPERATOR LICENSING FOCUS GROUP FOR NEW  
REACTORS

On June 18, 2014, the U.S. Nuclear Regulatory Commission (NRC) staff held a category 2 public meeting with the NEI Operator Licensing Focus Group on New Reactor Operator Licensing at the NRC Technical Training Center in Chattanooga, TN. This meeting is held on a quarterly basis to discuss scheduling and the ongoing issues and challenges to administering licensed operator examinations. Enclosure 1 lists the attendees at the meeting. Enclosure 2 is the meeting agenda.

The NRC staff discussed with the NEI Focus group the future examination schedule and potential issues to completing the AP-1000 exams. Vogtle and Summer personnel discussed actions they are taking to have the plant reference simulator available when needed to support the exam schedule. The NRC staff reiterated that scheduling for operator examinations is done well in advance and affects not only new reactors but the examination schedule for the operating plants as well. The industry is continuously evaluating the examination schedule and will inform the NRC as far in advance as possible of any potential schedule adjustments. Several possible schedules for conducting the license operator candidate examinations were discussed and it was decided that some internal NRC discussion and further development was warranted and then the topic will be revisited in future meetings.

Vogtle and Summer planned to request a sample plan for the May 2015 examination on June 20, 2014, however; they are working on a joint procedure for exam security and will request the sample plan approximately four weeks later.

Methods for performing the required in plant Job Performance Measures (JPMs) were discussed, including 3D models and labs, since a significant portion of plant equipment may not

CONTACT: Jim Kellum, NRO/DCIP  
(301) 415-5305

yet be installed when the first exams are given. The AP-1000 COL holders will track and update the systems/components expected to be available for performance of in-plant JPMs for the first scheduled exam date (May 2015) based on construction progress at upcoming NRC/NEI public meeting in approximately six months. The concern is that there may not be enough systems available so that non-predictability for the exam is maintained. The NRC staff is currently evaluating options for conducting the required three in plant JPMs. It was also reiterated by the NRC staff and acknowledged by the industry that the in-plant JPMs are part of the operational test and are required to complete the examination and will not be waived for more than one year after the commencement of the license candidate's exam.

The NRC staff stated the revision (Rev. 10) to NUREG-1021, Operator Licensing Examination Standard for Power Reactors public comments have been incorporated and Rev. 10 is now in the final administrative and review process for issue.

The next quarterly meeting is tentatively scheduled for September 9, 2014 at the NRC Region II offices in Atlanta, GA.

Action items for both the industry and the NRC were assigned and will be reviewed at the next meeting. Tentative agenda items for the next meeting were also listed.

Questions and comments raised by meeting participants will be evaluated by the NRC staff.

Enclosures: As stated

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NRC/APOG AP-1000 OWNERS GROUP ON  
 NEW REACTOR OPERATOR LICENSING  
 June 18, 2014

Name	Organization
Gene Guthrie	NRC / R-II
Jim Kellum	NRC / NRO
Charles Sawyer	Duke Energy
Mike Junge	NRC / NRO
Mark Verbeck	Southern Nuclear
Leon Ray	Southern Nuclear
Melinda Bogart	GEH
Dick Sweigart	Duke
Terry McCool	FPL
Gary Callaway	NRC/TTC
Matt Emrich	NRC / TTC
Al Harris	SCE & G
Mark Bates	NRC/ R-II
Keith Pope	SCE & G
Paul Mothena	SCE & G
Jason Weathersby	SCANA
Tom Kuhar	Westinghouse
Bruno Caballero	NRC / R-II
Tim Dennis	Public
Bob Hirmanpour	SNC
Kevin Gore	SCANA
R. Scott Egli	NRC
Greg Crosby	SNC
Richard Grumbir	APOG
Wes Sparkman	SNC
Wayne Martino	GEH
Dell McNeil	NRC
Larry Nutt	GEH

AGENDA FOR THE CATEGORY 2 PUBLIC MEETING WITH THE  
NEI LICENSED OPERATOR FOCUS GROUP FOR NEW REACTORS

Wednesday, June 18, 2014

8:30 a.m. - 12:30 p.m.

U.S. Nuclear Regulatory Commission

Technical Training Center

Osborne Office Center

5746 Marlin Rd., Suite 200

Chattanooga, TN 37411

Bridge Line Information: Phone: 800-779-5346, Passcode 56646

TOPIC	LEAD
Introductions and opening remarks	NRC
Public input	Public
• K/A Catalog Update	
• Written exam	
- Schedule	NRC/APOG
- Sample Plan	APOG
- Exam Security	NRC/APOG
• Simulator	
- Status/schedule	APOG
- Simulator inspection	NRC/APOG
- Operating exam schedule proposal	Bates/Verbeck
• JPMs – in-plant system availability / alternate methods, etc.	
- Systems anticipated being available for JPM performance	APOG
- Use of CIMs at Vogtle	APOG
• NUREG 1021 revision status update	NRC
• Update from monthly APOG meetings	APOG
- EAL Discussion	NRC/APOG

- NRC participation in Exam Development	NRC/APOG
• Miscellaneous/Emergent topics	NRC/APOG
Public input	Public
Summary / Conclusion / Action item review	NRC

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Charles Sawyer ([charles.sawyer@duke-energy.com](mailto:charles.sawyer@duke-energy.com))