

July 12, 2016

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

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

SUBJECT: SUMMARY OF June 15, 2016, PUBLIC MEETING WITH THE NEI  
OPERATOR LICENSING FOCUS GROUP FOR NEW  
REACTORS

On June 15, 2016, 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 typically held on a quarterly basis to discuss scheduling and ongoing issues and challenges to administering licensed operator examinations for new reactors. Enclosure 1 lists the attendees at the meeting. Enclosure 2 is the meeting agenda. Attachment 1 is a short presentation provided at the meeting and was presented by Andy Barbee, Director, Nuclear Training, SCANA.

The Vogtle and Summer staff provided an update on the status of their plant construction. This update is used to determine when construction is complete enough that a sufficient number of systems will be available for conduct the In-plant job performance measures (JPMs) for examination purposes to not be predictable. They projected that construction would reach this point approximately June of 2017 and stated that the control room is scheduled to be energized in July of 2017. All parties agreed that the plant systems would require adequate labeling and also that temporary labeling was acceptable provided it did not provide cues the examinee.

The meeting agenda offered an opportunity for the AP-1000 Owners Group (APOG) to provide an update from their monthly meetings and initiate discussion on topics from those meetings. This segment of the meeting was prefaced by the NRC staff stating that there are several topics that are pre-decisional and as such the NRC staff would not be able to discuss information associated with those items. Summer staff then provided a presentation titled Plant Reference Simulator Plan VC Summer Units 2/3 (attachment 1), initiating a discussion on which Inspection, Test, Analysis and Acceptance Criteria (ITAAC) needed to be complete for the licensee simulators to be declared plant reference simulators as described in the regulations. There are several ITAAC associated with the Instrument and Control equipment as well as a Human Factors Engineering process that were referred to in the discussion. The VC Summer staff and the NRC staff will compile a list of ITAAC and compare the results to compare which ITAAC are related to the plant reference simulator declaration. When the lists are complete there will be

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further discussion on the plant reference simulator declaration. The staff also reminded the APOG members that this topic has been discussed many times. The simulators do not meet the definition of a Plant-referenced Simulator as described in the 10CFR55.4 which "is a simulator modeling the systems of the reference plan with which the operator interfaces in the control room, including operating consoles, and which permits use of the reference plant's procedures". Since the Human Factors design is not complete the operating interfaces and operating console development is not finalized.

SNC noted that the Vogtle exemption request for performance of in-plant JPMs had a requested due date of June 17, 2016. The NRC staff acknowledged that was the requested due date, and stated that the status was pre-decisional and would not be discussed. SCANA stated that they were developing a similar exemption request and would submit it after Vogtle's was processed.

The APOG inquired what inspections would need to be conducted in the training area prior to fuel load and who would lead them. The Region II Operator Licensing Branch Chief stated that these inspections would be led by the Region and would include completion of the simulator inspection, IP-41502, and an inspection of the SAT-based licensed operator requalification program using IP-71111.11 and these will be conducted prior to initial fuel load.

Southern raised the possibility at the previous quarterly meeting of eliminating the Shift Technical Advisor (STA) position requirement at Vogtle Units 3 and 4. The staff had replied that a license amendment request would need to be submitted for consideration to remove the STA requirement. At this meeting, SNC stated they decided not to pursue removal of the STA requirement at this time.

The topic of 10 CFR 55.53, Conditions of licenses, regarding maintaining proficiency if the licensed operators are not actively performing licensed duties followed. It was decided this item would require further discussion and may possibly require an exemption.

The next quarterly meeting will tentatively be scheduled for the September or October time frame.

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Enclosures:

1. NRC/APOG AP-1000 Owners Group on  
New Reactor Operator Licensing
2. Agenda for the Category 2 Public Meeting  
with the NEI Licensed Operator Focus Group  
for New Reactors

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LICENSING FOCUS GROUP FOR NEW REACTORS

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Richard Grumbir <Rich@rsconsultgrp.com>

NRC/APOG AP-1000 OWNERS GROUP ON  
 NEW REACTOR OPERATOR LICENSING  
 June 15, 2016

| Name            | Organization |
|-----------------|--------------|
| Gene Guthrie    | NRC / R-II   |
| Jim Kellum      | NRC / NRO    |
| Maurin Scheetz  | NRC / NRR    |
| Gary Olmstead   | SNC          |
| Michael Junge   | NRC / NRO    |
| Greg Richard    | EPM          |
| Chuck Lease     | Westinghouse |
| Jeff Grogen     | GEH          |
| Terry McCool    | FPL          |
| Kevin Rhody     | Duke         |
| Al Harris       | SCE & G      |
| John Austin     | SNC          |
| Paul Mothena    | SCANA        |
| Pat Leary       | SCANA        |
| Bill Russell    | NRC / TTC    |
| Mark Miller     | NRC / RII    |
| Andy Barbee     | SCANA        |
| Richard Grumbir | APOG         |
| Bob Hirmanpour  | SNC          |
| April Rice      | SCE & G      |
| Fred Willis     | SNC          |
| Paul Pieringer  | NRC / NRO    |
| Lauren Kent     | NRC / NRO    |
|                 |              |

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

Wednesday, June 15, 2016

8:30 a.m. - 12:00 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: (888)469-0691, Passcode 25729

TOPIC

LEAD

Introductions and opening remarks

NRC

Public input

Public

Update from Vogtle 3&4 and Summer 2&3 on construction  
status to support in-plant JPMs

SNC/SCANA

Update/discussion from monthly APOG meetings

APOG

Miscellaneous/Emergent topics

NRC/APOG

Public input

Public

Summary / Conclusion / Action item review

NRC