

August 23, 2012

MEMORANDUM TO: Amy E. Cabbage, Chief  
Policy and Rulemaking Branch  
Division of Advanced Reactors  
and Rulemaking  
Office of New Reactors

FROM: Serita Sanders, Project Manager */RA/*  
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Division of Advanced Reactors  
and Rulemaking  
Office of New Reactors

SUBJECT: FORTHCOMING PUBLIC MEETING/WEBINAR TO DISCUSS  
LESSONS LEARNED FOR THE U.S. NUCLEAR REGULATORY  
COMMISSION NEW REACTOR LICENSING PROCESS

DATE AND TIME: Thursday, September 13, 2012  
8:30 a.m. - 4:30 p.m.

LOCATION: Bethesda North Marriott  
Hotel and Conference Center  
Room: Amphitheater  
Rockville, MD 20852

PURPOSE: The purpose of this meeting is for the U.S. Nuclear Regulatory  
Commission (NRC) to solicit feedback from the public on  
proposed lessons learned to apply to its New Reactor Licensing  
Process.

CATEGORY 3\*: This is a Category 3 meeting. The public is invited to  
communicate with the NRC.

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or

\* Commission's Policy Statement on, "Enhancing Public Participation in NRC Meetings," (67 FR 36920) May 28, 2002

TELECONFERENCE: Interested members of the public can participate in this meeting via webinar and/or a toll-free teleconference.

To register for the webinar, please visit

<https://www1.gotomeeting.com/join/644501777>

Teleconference Information:

Toll Free Number: 877-784-3235

Passcode: 5192275

PARTICIPANTS: Participants from the NRC include members of the Office of New Reactors (NRO)

NRC

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E. Oesterle, NRO

A. Cubbage, NRO

M. Sutton, NRO

D. Matthews, NRO

The Bipartisan Policy Center (BPC) conducted a review of the NRC's licensing process for new reactors. This report [available in the NRC's Agencywide Documents Access and Management System (ADAMS) at ML101060212] was issued April 6, 2010, and recommended that the NRC learn from the first round of new reactor licensing application reviews and apply those lessons learned to subsequent new reactor licensing reviews.

Consistent with the BPC recommendations, the NRC has assembled a working group to gain insights and lessons learned from the recent AP1000 Design Certification (DC) amendment and the licensing of Vogtle Units 3 and 4 and Virgil C. Summer Units 2 and 3, to identify best-practices and potential enhancements to its new reactor licensing processes that could be applied to subsequent licensing reviews. The NRC lessons learned review will include DC reviews and associated rulemakings, combined licenses (COLs), limited work authorizations, early site permits and the associated environmental reviews.

This effort is focused on the licensing review process only and does not include post-COL issuance activities (i.e., license amendment requests, preliminary amendment requests, or construction inspection). The scope of this effort does not include the mandatory hearing process which is being addressed separately.

Enclosed to this public meeting notice are discussion topics that will be discussed during this meeting. Please take a moment to review the topics prior to attending the meeting such that NRC is able to gain the full benefit of your experience using NRC's New Reactor Licensing Process, and provide us with your feedback.

Seating may be limited and will be available on a first-come basis. Inform the NRC's meeting contact of your intention to attend by September 10, 2012. This step will ensure that sufficient copies of meeting materials are available.

Further, the NRC's Policy Statement, "Enhancing Public Participation in NRC Meetings," effective May 28, 2002, applies to this meeting. The policy statement may be found on the NRC Web site, [www.nrc.gov](http://www.nrc.gov), and contains information regarding visitors and security.

If you need a reasonable accommodation to participate in this meeting (e.g., a translator, handicapped accessibility) or need this meeting notice, the transcript, or other information from the meeting in another format (e.g., Braille, large print, a language other than English), please notify the NRC's meeting contact. Determinations on requests for reasonable accommodations will be made on a case-by-case basis.

Because meetings are sometimes canceled or rescheduled as a result of unforeseen circumstances such as severe weather, confirm that the meeting is scheduled as specified with the meeting contact.

Enclosures:

1. Agenda
2. Discussion Topics

cc w/encl: See next page

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1. Agenda
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cc w/encl: See next page

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ADAMS Accession No.: ML12235A489

\*via e-mail

NRC-001

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<b>DATE</b>	08/21/12	08/22/12	08/23/12

OFFICIAL AGENCY RECORD

**THE NRC NEW REACTOR LICENSING PROCESS  
LESSONS LEARNED MEETING**

Location: Bethesda North Marriott  
Hotel and Conference Center  
Room: Amphitheater  
Rockville, MD 20852

Thursday, September 13, 2012  
8:30a.m. – 4:30p.m.

**TENTATIVE AGENDA**

<b>Time</b>	<b>TOPIC</b>	<b>FACILITATOR</b>
8:30 a.m. - 8:40 a.m.	Introductions and Opening Remarks	NRC
8:40 a.m. – 8:45 a.m.	Background/Overview	NRC
8:45 a.m. – 10:15 a.m.	Discussion: Process (solicitation of comments from participants)	NRC
<b>Break</b>		
10:30 a.m. – 12:00 p.m.	Discussion: Guidance & Requirements (solicitation of comments from participants)	NRC
<b>Lunch</b>		
1:15 p.m. – 2:30 p.m.	Discussion: Schedule (solicitation of comments from participants)	NRC
<b>Break</b>		
2:45 p.m. – 4:00 p.m.	Discussion: Public Interaction (solicitation of comments from participants)	NRC
4:00 p.m.– 4:30 p.m.	Summary	NRC
<b>Meeting Adjourned</b>		

# NRC New Reactor Licensing Process Lessons Learned

**September 13, 2012**  
**Public Meeting Discussion Topics**

The U.S. Nuclear Regulatory Commission (NRC) recently completed the AP1000 Design Certification (DC) Rulemaking and issued combined licenses (COLs) for Vogtle Units 3 and 4 and Virgil C. Summer Units 2 and 3. The NRC is conducting a comprehensive review of its new reactor licensing processes to gain insights from these completed reviews to identify best-practices and potential enhancements to its new reactor licensing processes that could be applied to subsequent licensing reviews.

The NRC is hosting a public meeting on September 13, 2012, to solicit your feedback and listen to your experiences utilizing or participating in the NRC's New Reactor Licensing Process including DC reviews and rulemaking, COL, limited work authorization (LWA), early site permit (ESP) reviews and the associated environmental reviews. This effort is focused on the licensing process and does not include post-COL issuance activities (i.e., license amendment requests, preliminary amendment requests, or construction inspection). The scope of this effort does not include the mandatory hearing process which is being addressed separately.

This lessons-learned review will include the following aspects: pre-application review, acceptance review, review schedules, technical review process, staff guidance (i.e. Standard Review Plan (SRP), Environmental Standard Review Plan (ESRP), Interim Staff Guidance (ISG)), Regulatory Guides (RGs) such as RG 1.206, regulatory requirements (Title 10 of the *Code of Federal Regulations* (10 CFR) Part 52 and associated requirements), Requests For Additional Information (RAIs), resolution of open items, safety evaluations, Environmental Impact Statements (EIS) and rulemaking.

The discussion topics below are in four broad categories: process, guidance and regulatory requirements, schedule, and public interaction. During the meeting we would like for you to share your specific experience with a particular process or project. If you are unable to attend the meeting, a webinar will be available such that you are able to participate. If you are unavailable to attend in person or via webinar, we would still greatly appreciate your participation. You may send your completed response in an Office Word or pdf format to [NewRXLicProcLL.Resource@nrc.gov](mailto:NewRXLicProcLL.Resource@nrc.gov) no later than September 21, 2012.

Identify in your response the specific process, guidance and regulatory requirement, schedule, or public interaction that your feedback relates too, and whether your experience applies to the safety or the environmental review, or both.

## **DC, COL, ESP, AND LWA Review Discussion Topics**

### **Processes**

The conduct of licensing reviews includes pre-application review, acceptance review, RAIs, technical reviews, resolution of open issues, Safety Evaluation Reports, EIS, Design Certification Rulemaking.

- 1) What did you find most useful about the current process?
- 2) What did you find least useful and/or unnecessary regarding the current process?
- 3) Did you find the current process efficient? If no, describe that portion that you found to be inefficient and provide a recommendation for improvement.
- 4) Do you think the design-centered review approach enhanced the New Reactor Licensing Process? If not, elaborate on alternative approaches for COL applications referencing the same DC with regard to timing of application submittals and revisions to applications, consistency of submittals and NRC reviews.

### **Guidance and Requirements**

The guidance and requirements area includes SRP, ESRP, RGs (e.g. RG 1.206), ISG, and regulations (10 CFR Part 52 and associated requirements).

- 5) Did you find the guidance sufficient to inform the preparation of a complete and high quality application to address NRC requirements? If not, please elaborate.
- 6) Are there any NRC guidance documents that should be updated or clarified (ESRP, SRP, RGs, ISG, etc.)? In your comment please state the importance of the update as related to the submittal of complete and high quality applications and efficient NRC reviews.
- 7) Identify any regulatory requirements that could be clarified or enhanced to ensure an efficient review.

### **Schedule**

NRC reviews for COLs were based on the design-centered review approach and resulted in a 6-phase safety review for reference-COLs and a 4-phase safety review for subsequent-COLs. The DC reviews are based on a 6-phase review plus rulemaking.

- 8) Please comment on the effectiveness and efficiency of this review approach in terms of identification and resolution of issues, and your ability to engage in the process.
- 9) The NRC's review schedules for ESPs, DCs, and COLs were also based on an assumed applicant response time to NRC RAIs of 30 or 45 days. This expectation was not always fulfilled, particularly for technically complex issues. Please comment on the viability of this assumption for planning of future licensing reviews.

**Public Interaction**

- 10) The NRC conducted public outreach meetings for Vogtle and Virgil C. Summer and other new reactor applications to enhance the public's understanding of the new reactor licensing process and opportunities for public involvement? Did these meetings enhance your understanding of the licensing process? Do you have any suggestions to improve the NRC's public outreach meetings?
- 11) Did you have sufficient opportunity to participate in public meetings, ask questions or express your views during the licensing process? Do you have any suggestions to enhance public participation in the new reactor licensing process?
- 12) Was information understandable, available, and accessible on the NRC's public website and in the NRC's Agencywide Documents Access and Management System to facilitate your participation in the new reactor licensing process? If not, do you have any suggestions to enhance the accessibility of information?



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(Revised 08/14/2012)

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(Revised 08/14/2012)

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