

April 21, 2005

### MEETING NOTICE

Meeting: NRC Workshop on Interim Staff Guidance (ISG)-10, "Justification for Minimum Margin of Subcriticality for Safety"

Date and Time: May 20, 2005; 7:30 am to 5:00 pm

Location: U.S. Nuclear Regulatory Commission (NRC)  
Two White Flint North Auditorium  
11545 Rockville Pike  
Rockville, MD 20852-2738

Purpose: Workshop on ISG-10, "Justification for Minimum Margin of Subcriticality for Safety," for nuclear fuel cycle facilities in accordance with 10 CFR 70. A preliminary agenda is attached.

Participants: NRC staff, licensees, applicants, stakeholders, industry and members of the public are expected to attend. The workshop is open to the public, and there is no registration fee. Please notify a contact person in advance that you are planning to attend so that your name and affiliation can be entered in the NRC badging system to expedite access.

Contact: Wilkins Smith (301) 415-5788/ [WRS@NRC.GOV](mailto:WRS@NRC.GOV)  
James Smith (301) 415-6459/ [JAS4@NRC.GOV](mailto:JAS4@NRC.GOV)

Category: This is a Category 3 Meeting. The public is invited to participate in this workshop by providing comments and asking questions throughout the meeting. NRC meetings are open for interested members of the public to attend pursuant to the "Enhanced Public Participation in NRC Meetings; Policy Statement," 67 *Federal Register* 36920, May 28, 2002. The policy statement may be found on the NRC website, [www.nrc.gov](http://www.nrc.gov), and contains information regarding visitors and security.

Attachment: Preliminary Agenda

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Attachment: Preliminary Agenda

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**ML051100516**

\*See Previous Concurrence

OFFICE	FCSSTSG *	FCSS/TSG	FCSS/TSG
NAME	WSmith:dw	CTripp	MGalloway
DATE	04/ 20 /05	04/ 21 /05	04/ 21 /05

**OFFICIAL AGENCY RECORD**

**PRELIMINARY AGENDA FOR NRC**  
**Workshop on**  
**ISG-10, “Justification for Minimum Margin of Subcriticality for Safety”**  
**US Nuclear Regulatory Commission**  
**Auditorium**  
**Rockville, Maryland**  
**May 20, 2005**

Purpose: Workshop on Interim Staff Guidance (ISG)-10, “Justification for Minimum Margin of Subcriticality for Safety,” for nuclear fuel cycle facilities in accordance with 10 CFR 70

Objective: Discussion of the purpose and intent of ISG-10 by NRC technical staff with stakeholders, industry, and all interested members of the public

Process: NRC staff will introduce each section of ISG-10, briefly address prior written comments, and lead further discussions.

- 7:30 am        Check in for security badging @ Two White Flint North, 11545 Rockville Pike
- 8:00 am        Purpose of workshop, introductions, agenda and discussion process
- 8:15 am        NRC presentation on context/intent of ISG-10

[The agenda items below are arranged as in ISG-10. Discussion of specific technical issues addressed in ISG-10 is intended to be discussed fully under each item.]

- 8:30 am        ISG-10 Introduction, prefatory discussion, and definitions
- 9:00 am        Benchmark Similarity
- 10:00 am       Break
- 10:15 am       System Sensitivity
- 11:15 am       Discussion of Neutron Physics of the System
- 11:45 am       Lunch
- 12:45 pm       Rigor of Validation Methodology
- 1:45 pm        Margin in System Parameters
- 2:45 pm        Break
- 3:00 pm        Normal vs. Abnormal Conditions and Statistical Arguments
- 3:30 pm        Technical Review Guidance and Recommendation

4:00 pm	Discussion of Other Topics
4:30 pm	Summary
5:00 pm	Adjourn

NOTES:

1. Final detailed agenda will be available at the workshop. Other than morning start, above times are approximate.

2. US NRC offices are at 11545 Rockville Pike next to Metro Red Line White Flint Stop. The meeting will be in the main Auditorium. Access and badging will be from the Two White Flint North (10-story building) lobby. Advance notice of planned attendees will expedite badging process.