

## U.S. Nuclear Regulatory Commission Public Meeting Summary

October 2, 2014

**Title:** Kick-off Meeting on the Advance Notice of Proposed Rulemaking (ANPR) - Potential Changes to NRC Radiation Protection Regulations

**Meeting Identifier:** 20141630

**Date of Meeting:** Thursday, October 2, 2014

**Location:** NRC Complex, NRC Two White Flint North, T2B-03

**Type of Meeting:** Category 3

### **Purpose of the Meeting(s):**

This was the second of a series of public meetings/webinars planned by the NRC staff to discuss the ANPR for potential changes to NRC's radiation protection regulations. The purpose of the meeting was to provide stakeholders an opportunity to discuss issues and associated questions that were identified in the 10 CFR Part 20 ANPR, which was published on July 25, 2014 in the Federal Register (79 FR 43284). During this meeting, the following issues were discussed: Issue 1 - Update 10 CFR Part 20 to align with International Commission on Radiological Protection (ICRP) Publication 103 Methodology and Terminology and Issue 2 - Occupational Dose Limit for the Lens of the Eye.

### **General Details:**

The NRC staff conducted a public meeting/webinar beginning at 1:00 p.m. eastern standard time (EST) to discuss Issue 1 - Update 10 CFR Part 20 to align with ICRP Publication 103 Methodology and Terminology and Issue 2 - Occupational Dose Limit for the Lens of the Eye, and associated questions for each issue that were identified in the 10 CFR Part 20 ANPR. The public meeting was transcribed. The meeting was scheduled for 1:00 - 5:00 p.m. EST, but ran approximately 1 hour.

Mr. William (Butch) Burton facilitated the meeting, who is an NRC in-house facilitator. The meeting began with an introduction of NRC staff and a review of meeting logistics and ground rules. Dr. Donald Cool, Sr. Level Advisor Senior Advisor for Radiation Safety and International Liaison, presented an overview of Issue 1 - Update 10 CFR Part 20 to align with ICRP Publication 103 Methodology and Terminology and its associate questions in the ANPR. Ms. Cindy Flannery, Sr. Health Physicist, presented an overview of Issue Occupational Dose Limit for the Lens of the Eye, and its associated questions in the ANPR. Although the majority of the meeting was designed to answer questions, the "question and answer" period was much shorter than anticipated.

There were 42 attendees at the meeting; 33 remotely on the webinar/webcast and 9 physically located in the room. The attendees included: Agreement States (13), one non - Agreement (Connecticut), the nuclear industry (15), academia (1), environmental organization (1), NRC staff (9), and members of the public (2). A complete list of the attendees and the organizations represented is attached.

## **Summary of Presentations:**

The NRC is considering amending its basic radiation protection regulations to achieve greater alignment between the NRC's regulations and the recommendations of the International Commission on Radiological Protection (ICRP) contained in ICRP Publication 103 (2007). On July 25, 2014, the NRC published in the Federal Register (79 FR 43284) ANPR to consider revisions to Title 10, "Energy," of the Code of Federal Regulations (10 CFR) Part 20, "Standards For Protection Against Radiation." The NRC issued the ANPR to obtain input from stakeholders on the development of a draft regulatory basis to support potential changes to 10 CFR Part 20. The website to access the ANPR and to submit comments is <http://www.regulations.gov> (Docket ID NRC-2009-0279). Send comments by email to: [rulemaking.comments@nrc.gov](mailto:rulemaking.comments@nrc.gov). Comments on the ANPR should be submitted by November 24, 2014.

The Second Public Meeting provided an overview of the following issues and their associate questions:

Issue - 1 - Update 10 CFR Part 20 to align with ICRP Publication 103 Methodology and Terminology, and

Issue – 2 - Occupational Dose Limit for the Lens of the Eye

Copies of the PowerPoint presentations made at the meeting are available at: <http://www.nrc.gov/about-nrc/regulatory/rulemaking/potential-rulemaking/opt-revise.html> by clicking the header "Public Involvement."

## **Public Participation Themes:**

Issue 1: Questions were raised regarding NRC's analyses using the Department of Energy process for the age and gender assessment and U.S. population census data to determine whether there will be any substantial difference in the dose to the public, and how the public dose will be calculated and adjusted using U.S. Census for those members of the public living near the nuclear facilities.

Issue 2: Questions were raised regarding the establishment of eye protection factors and the certification of eye protection equipment?

Complete accountings of the NRC and stakeholder interactions are provided in the meeting transcript at ADAMS Accession No. ML14283A149.

## **Action Items/Next Steps:**

The additional Part 20 ANPR meetings are scheduled as follows:

- Third Meeting/Webinar - October 9 - OWFN - O16B04 - 1 to 5 pm
- Fourth Meeting/Webinar - October 16 - OWFN - Room O3B04 - 1 to 5 pm

## **Attachments:**

- ❖ Meeting agenda - ADAMS Accession No. ML14259A352
- ❖ NRC staff presentation - ADAMS Accession No. ML14279A330 and ML14281A2011
- ❖ Meeting transcript - ADAMS Accession No. ML14283A149
- ❖ List of Attendees—Attached

Advance Notice of Proposed Rulemaking (ANPR) - Potential Changes to  
NRC Radiation Protection Regulations - Kickoff Meeting/Webinar-  
Remote Attendees List - October 2, 2014

William (Butch) Burton                      NRC                      Facilitator

<b>PARTICIPANTS</b>	<b>NAME: FIRST</b>	<b>LAST</b>	<b>Affiliation</b>
1	Bemnet	Alemayehu	NRDC
2	Marcia	Anderson	ANI
3	Andrew	Carrera	NRC
4	Charles	Coleman	VA Dept of Health
5	David	Coulter	Nuclear Fuel Services
6	David	Crowley	GA Environ. Protection Division
7	Robert	Dansereau	NY State Dept of Health
8	Afaw	Fenta	VA Dept of Health
9	Donald	Flahardy	Next Aar Energy
10	Sherrie	Flaherty	State of MN
11	Robert	Greger	State of CA
12	Al	Haeger	Certrec Corp
13	Tristan	Hay	WA Dept of Health
14	Larry	Haynes	Duke Energy
15	Jerry	Hiatt	Nuclear Energy Institute
16	Elizabeth	Langille	TN Valley Authority
17	David	Nestle	PSEG Nuclear
18	Robert	Oliveira	American Nuclear Insurers
19	Jennifer	Opila	State of CO
20	Richard	Peros	NJ Dep
21	Daren	Perrero	IL Emergency Management
22	Jonathan	Piskor	Student
23	Steven	Reese	OR State University
24	Vonna	Sakach	Areva
25	Dan	Samson	NY State Dept of Health
26	Jeff	Semantik	State of CT
27	Linda	Sewell	Pacific Gas & Electric
28	David	Stephens	AR Dept of Health
29	Mike	Stephens	State of FL
30	R.	Thomas	Civilian
31	Forrest	Thomasson	Dominion
32	Phung	Tran	EPRI
33	Beth	Wetzel	TN Valley Authority

Advance Notice of Proposed Rulemaking (ANPR) - Potential Changes to  
NRC Radiation Protection Regulations - Kickoff Meeting  
Attendees List-October 2, 2014

1. Cindy Flannery  
[Cindy.Flannery@nrc.gov](mailto:Cindy.Flannery@nrc.gov)
2. Donald Cool  
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7. Ellen Anderson  
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