

U.S. Nuclear Regulatory Commission Public Meeting Summary

September 24, 2014

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

Meeting Identifier: 20141615

Date of Meeting: Wednesday, September 24, 2014

Location: NRC Complex, Commission Briefing Room, Rockville, Md.

Type of Meeting: Category 3

Purpose of the Meeting(s):

This was the first 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 Kick-off meeting was to provide stakeholders clarifying information relative to the Part 20 ANPR that was published on July 25, 2014 (79 FR 43284) and to provide NRC staff with any stakeholder concerns relative to potential changes to NRC radiation protection regulations.

General Details:

The NRC staff conducted a public meeting/webinar beginning at 1:00 p.m. eastern standard time (EST) to provide background on potential revisions and associated issues, and to provide stakeholders an opportunity to meet with NRC staff and ask questions related to potential revisions of NRC's radiation protection regulations in 10 CFR Part 20. The public meeting was webcasted, transcribed, and recorded. The meeting was scheduled for 1:00 - 5:00 p.m. EST, but ran approximately 1 hour and 30 minutes.

Ms. Sarah Lopas 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. Ms. Cardelia Maupin, Sr. Project Manager, provided a general background of the project and provided the schedule for additional Part 20 ANPR public meetings. Dr. Donald Cool, Sr. Level Advisor Senior Advisor for Radiation Safety and International Liaison, presented an overview of the issues and 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 64 attendees at the meeting; 39 remotely on the webinar/webcast and 25 physically located in the room. The attendees included: Agreement States (20), the nuclear industry (16), academia (2), and medical industry (2), NRC staff (20), unknown organizations (4), and a private health physics consultant. The Agreement State participants included: AL (2); AK, AR, CA, CO, IL, NJ, NM (2), NY (2), OK, OR, RI (2), TN and VA (3). The nuclear industry participants included: NEI (3), Excel Energy, Exelon (2), Duke Power (2), PSEG Power, Nuclear Fuel Services (2), Dominion, Research Triangle Institute, TVA, Areva, and Pacific Gas & Electric. The medical organizations represented included St. Jude Hospital and Fletcher Allen Health Care. The representatives from academia included the University of Pennsylvania and Colorado State University.

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. Comments on the ANPR should be submitted by November 24, 2014.

The Kick-off meeting provided an overview of the six issues identified in the ANPR, which are:

1. Update 10 CFR Part 20 to align with ICRP Publication 103 Methodology and Terminology;
2. Occupational Dose Limit for the Lens of the Eye;
3. Dose Limit for Embryo/Fetus of a Declared Pregnant Occupational Worker;
4. Individual Protection - ALARA Planning-dealing with doses near limit;
5. Metrication - Units of Radiation Exposure and Dose; and
6. Reporting of Occupational Exposure.

A copy of the PowerPoint presentation along with additional background information is available at: <http://www.nrc.gov/about-nrc/regulatory/rulemaking/potential-rulemaking/opt-revise.html> by clicking the header "Public Involvement."

Public Participation Themes:

During the brief public question and answer session of the meeting, a few questions were raised. For example, questions were raised regarding whether the NRC was changing the occupational dose limit, why NRC places its requirements in regulations as opposed to guidance, and how the dose to the embryo/fetus would be measured. A complete accounting of the comments provided can be found in the meeting transcript at ADAMS Accession No. ML14279A152 and by viewing the recorded webcast at: <http://video.nrc.gov/#searcharchivedwebcasts> by scrolling down to the "Advance Notice of Proposed Rulemaking (ANPR) - Potential Changes to the NRC's Radiation Protection Regulations, 9/24/14."

Action Items/Next Steps:

The additional Part 20 ANPR meetings are scheduled as follows:

- Second Meeting/Webinar - October 2 – TWFN - ACRS room - T2B3 - 1 to 5 pm
- Third Meeting/Webinar - October 9 - OWFN - O16B04 - 1 to 5 pm
- Fourth Meeting/Webinar - October 16 - OWFN - Room O3B04 - 1 to 5 pm
- Fifth Meeting/Webinar - October 23 - OWFN - O3B04 - 1 to 5 pm

Attachments:

- ❖ Meeting agenda - ADAMS Accession No. ML14254A269
- ❖ NRC staff presentation - ADAMS Accession No. ML14268A345
- ❖ Meeting transcript - ADAMS Accession No. ML14279A152
- ❖ List of Attendees—Attached

Advance Notice of Proposed Rulemaking (ANPR) - Potential Changes to NRC
Radiation Protection Regulations - Kickoff Meeting/Webinar-
Remote Attendees List - September 24, 2014

	Name	Affiliation
1	Sarah Lopas	NRC
Participants		
2	Bemmet Alemayehu	NRTC
3	Barry Atkins	AL Emergency Management Agency
4	Jennifer Bishop	US NRC
5	Jerry Bonanno	Nuclear Energy Institute
6	Thomas Cochran	N/A
7	Charles Coleman	VA Dept. of Health
8	David Coulter	Nuclear Fuel Services
9	Christopher Courtenay	Duke Energy
10	Paul D'Abbraccio	RI Emergency Management Agency
11	Quinton Daily	AL Emergency Management Agency
12	Robert Dansereau	NY DPH
13	William Davidson	University of PA
14	Victor Diaz	State of NM
15	Asfaw Fena	VA Dept. of Health
16	Bryan Greenwood	RI Emergency Management
17	Robert Greger	State of CA
18	Allen Grewe	State of TN
19	Jerry Hiatt	Nuclear Energy Institute
20	Tom Johnson	CSU
21	Neil Keeney	Excel Energy
22	Elizabeth Langille	TN Valley Authority
23	Jennifer McCallister	OK Dept. of Environmental Quality
24	Tom Mohaupt	St Jude
25	Marleen Moore	Fletcher Allen Healthcare
26	Chad Moore	OVS Media
27	Robert Oliveira	ANI
28	Jennifer Opila	State of CO
29	Michael Ortiz	NM Radiation Control Bureau
30	Richard Peros	NJ Dept. of Environmental Protection
31	Daren Perrero	IL Emergency Management Agency
32	Vonna Sakach	Areva
33	Daniel Samson	NY State Dept. of Health
34	Beth Schilke	VA Dept. of Health
35	Linda Sewell	Pacific Gas & Electric
36	Vered Shaffer	US NRC
37	David Stephens	AR Dept. of Health
38	David Stevens	AK Dept. of Health
39	Frank Tran	NRC Region
40	Richard Went	OR Radiation Protection Services

Advance Notice of Proposed Rulemaking (ANPR) - Potential Changes to NRC
Radiation Protection Regulations-Kickoff Meeting
Attendees List-September 24, 2014

41. Cindy Flannery
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57. Tim Kirkham
Research Triangle Institute

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61. David Nesty
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