

April 20, 2015

MEMORANDUM TO: Tara Inverso, Chief  
Rulemaking Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

FROM: Michael D. Purdie, Cost Analyst /RA/  
Rulemaking Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF APRIL 2, 2015, CATEGORY 3 PUBLIC MEETING  
ON NUREG-1530, REVISION 1, "REASSESSMENT OF NRC'S  
DOLLAR PER PERSON-REM CONVERSION FACTOR POLICY"

The U.S. Nuclear Regulatory Commission (NRC) held a Category 3 public meeting on April 2, 2015, to discuss the proposed revision to NUREG-1530, "Reassessment of NRC's Dollar Per Person-Rem Conversion Factor Policy." The public meeting was held at the NRC headquarters location in Rockville, Maryland. The notice and agenda for the meeting can be located in the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML15068A046. The purpose of the meeting was to discuss the revised NUREG-1530 that included detailed information on dollar per person-rem, proposed changes between NUREG-1530 originally published in 1995 and this proposed revision, and the schedule and process for publishing the revision going forward.

The meeting was attended by 18 individuals primarily representing industry representatives and NRC staff. Of the 18 participants, 5 participated in the meeting through audio teleconferencing and webinar.

The NRC presentation materials are available in ADAMS under Accession No. ML15086A112, "April 2, 2015, Category 3 Public Meeting Slides." The current version of NUREG-1530 is in ADAMS under Accession No. ML063470485. The [www.regulations.gov](http://www.regulations.gov) docket ID is NRC-2015-0063. Documentation related to this effort can be found either in ADAMS or under the [www.regulations.gov](http://www.regulations.gov) docket ID.

CONTACT: Michael D. Purdie, NRR/DPR  
301-415-0244

The major areas of discussion are summarized below:

### NRC Presentation

The NRC staff discussed the path forward for the revising NUREG-1530 (ADAMS Accession No. ML15086A112). The NRC staff has provided a background of what constitutes a dollar per person-rem and the background and history of the dollar per person-rem in NRC's regulatory history. The NRC staff then discussed five regulatory applications for NUREG-1530. Finally, the NRC staff provided an overview of six items that will be revised in the proposed revision to NUREG-1530. The six items are adopting new value of a statistical life (VSL) and cancer risk coefficient values, adopting low and high dollar per person-rem values, applying to significant figures in calculating dollar per person-rem, adopting a process to maintain the factor in current dollars, and adopting a dose and dose rate effectiveness factor for high dose and dose rate situations.

### Public Comments

During the open discussion part of the meeting, members of the public asked many questions and provided some comments. The questions ranged from the regulatory application of dollar per person-rem in Title 10 of the *Code of Federal Regulations* Part 20, "Standards For Protection Against Radiation" areas, how the NRC staff arrived at its VSL calculations, the value added in adopting two significant figures, what is considered to be "high dose" and "high dose rate," inclusion of this factor in Severe Accident Management Alternatives and Severe Accident Management Design Alternatives analyses, and the Commission's input into this process. There was a comment that requested a 60-day comment period instead of a 45-day comment period due to the numerous areas the dollar per person-rem factor is integrated. As a result of this comment, the NRC staff will allow for a 60-day comment period.

Enclosure:  
List of Attendees

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**ADAMS Accession Nos.: Package: ML15110A076; Notice: ML15068A046; Summary: ML15098A649;**

**NRC Presentation: ML15086A112**

**NRC-001**

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NAME	MPurdie	GLappert	FSchofer	TInverso	MPurdie
DATE	04/20/2015	04/20/2015	04/20/2015	04/20/2015	04/20/2015

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## LIST OF ATTENDEES

<b>Name</b>	<b>Organization</b>
Michael Purdie	NRC/NRR
Fred Schofer	NRC/NRR
Tara Inverso	NRC/NRR
Alysia Bone	NRC/NRR
Russell Chazell	NRC/NRR
Carolyn Lauron	NRC/NRO
Aby Mohseni	NRC/NRR
Richard Clement	NRC/NRO
Tina Ghosh*	NRC/RES
Nishka Devaser	NRC/NRO
Jana Bergman	Curtiss-Wright/Scientech
Ellen Anderson	Nuclear Energy Institute (NEI)
Jerry Bonnano	NEI
James Slider	NEI
Jerry Hiatt*	NEI
Edwin Lyman*	Union of Concerned Scientists
Randy Westmoreland*	DTE Energy
James Wheeler*	Dominion

\* **via teleconference**

Enclosure