

January 21, 2016

MEMORANDUM TO: Alexander Adams, Jr., Chief  
Research and Test Reactors Licensing Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

FROM: Duane Hardesty, Project Manager */RA/*  
Research and Test Reactors Licensing Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF AUGUST 7, 2014 PUBLIC MEETING TO  
DISCUSS THE RULEMAKING FOR STREAMLINING  
NON-POWER REACTOR LICENSE RENEWAL (MF3231)

On August 7, 2014, the Nuclear Regulatory Commission (NRC) held a Category 2 public meeting in Portland, Oregon. The purpose of the meeting was to discuss the beginning of proposed rulemaking to issue new regulations for non-power reactors that would establish indefinite license terms and eliminate license renewal. The meeting notice and agenda, dated July 25, 2014, are available in the Agencywide Documents Access and Management System at Accession No. ML14206A390. Enclosure 1 presents a summary of the meeting and Enclosure 2 provides a list of participants.

Enclosures:  
As stated

CONTACT: Duane Hardesty, NRR/DPR  
301-415-3724

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DHardesty, NRR AAdams, NRR NParker, NRR

**ADAMS Accession No.: ML15322A400; \*concurred via e-mail**

**NRC-001**

<b>OFFICE</b>	NRR/DPR/PRLB	NRR/DPR/LA*	NRR/DPR/PRLB/BC
<b>NAME</b>	DHardesty	NParker	AAdams
<b>DATE</b>	01/20/2016	01/20/2016	01/21/2016

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

**Title:** Public Meeting to Discuss the Rulemaking for Streamlining Non-power Reactor License Renewal

**Date of Meeting:** Tuesday, August 7, 2014

**Location:** Benson Hotel, 309 Southwest Broadway, Portland, OR

**Type of Meeting:** Category 2

### **Purpose of the Meeting:**

For the U.S. Nuclear Regulatory Commission (NRC) to provide an overview and solicit comments on the plans to proceed with rulemaking to issue new regulations to eliminate license terms for non-power production and utilization facilities.

### **General Details:**

The NRC conducted a public meeting beginning at 9:00 a.m. pacific standard time in conjunction with the annual meeting of the National Organization of Test, Research, and Training Reactors (TRTR). The meeting ran approximately two hours long. Ten NRC staff members were present. The meeting was co-facilitated by Duane Hardesty and Alexander Adams, Jr. of the Research and Test Reactors Licensing Branch in the Office of Nuclear Reactor Regulation. The meeting began with an introduction of NRC staff and a review of meeting ground rules, followed by a presentation on license renewal. The presentations focused on the preliminary proposed changes the licensees can expect in the licensing processes for non-power production and utilization facilities. The meeting included dedicated time to answering questions on these processes, as well as receiving comments from members of the public.

Approximately 40 people attended the meeting, both in-person and remotely using teleconference and webinar. In addition to one member of the public, meeting participants included representatives of the TRTR Executive Committee, State of Oregon Radiation Protection Services, Idaho National Laboratory, Nuclear Energy Institute, and licensees from Pennsylvania State University, the University of Florida, U.S. Geological Survey, Reed College, Massachusetts Institute of Technology, University of Missouri, Rhode Island Nuclear Science Center, and University of California-Davis.

### **Summary of Presentation:**

The NRC issues licenses for facilities to operate for up to 40 years. The initial licenses are typically issued for 20 years and allowed to be renewed for up to another 20 years. In response to a Commission directed Staff Requirements Memorandum (SRM), the NRC staff completed a regulatory basis (RB) in 2012 that substantiated a need for rulemaking and provided five options to streamline the license renewal process for non-power production and utilization facilities. The NRC staff is now planning on moving into the proposed rule phase. The staff selected option five from the RB to establish non-expiring license terms

consistent with Section 104 of the Atomic Energy Act (AEA) of 1954, as amended. The presenters then held an open discussion with participants regarding the preliminary proposed features of the non-expiring license, including features of an enhanced inspection process in lieu of license renewal, and theorized changes to the perceived burden for both licensees and the NRC.

It was explained to the participants that there will be several opportunities for members of the public to question and comment on how the non-expiring license will be managed during the period of extended operation. The participants were also informed that additional public meetings will be held by the NRC during the proposed rule phase.

The staff was asked for specific reference in the meeting summary to provide references for regulatory basis, SRMs, and SECY papers.

The docket and Regulatory Identification on [www.regulations.gov](http://www.regulations.gov) have not changed. They are:

#### NON-POWER REACTOR LICENSE RENEWAL RULEMAKING

- DOCKET ID = [NRC-2011-0087](#)
- RIN = 3150-A196

The Commission provided initial direction in SRM-SECY-08-0161 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML082550140) that directed the staff to develop and submit a long-term plan for an enhanced research and test reactor license renewal process for Commission review.

Commission direction related to streamlining license renewal for research and test reactors is provided in the following documents.

[SECY-08-0161](#): Review of Research and Test Reactor License Renewal Applications (ADAMS Accession No. [ML082550140](#)).

[SRM-SECY-08-0161](#): Staff Requirements – SECY-08-0161 – Review of Research and Test Reactor License Renewal Applications (ADAMS Accession No. [ML090850159](#)).

[SECY-09-0095](#): Long-Term Plan for Enhancing the Research and Test Reactor License Renewal Process and Status of the Development and use of the Interim Staff Guidance (ADAMS Accession No. [ML092150717](#)).

[SRM-M090811](#): Staff Requirements Memorandum – Briefing on Research and Test Reactor (RTR) Challenges (ADAMS Accession No. [ML092380046](#)).

The NRC staff presentation for this meeting is publically available in ADAMS (Accession No. [ML14224A121](#)).

### List of Meeting Attendees

<b>NAME</b>	<b>AFFILIATION</b>
Todd S. Carpenter	State of Oregon Radiation Protection Services
Meena Khanna	U.S. Nuclear Regulatory Commission (NRC)
Mark Trump	Pennsylvania State University (PSU)
Lawrence Kokajko	NRC
Nick Trikouros	NRC
Cliff Stanley	Idaho National Laboratory
Brian Shea	University of Florida (UF)
Dan Cronin	UF
Brycen Roy	U.S. Geological Survey
Syros Traiforos	NRC
Mike Morlang	NRC
Ryan Schow	University of Utah
Blake R. Williams	Secured Transportation Services
Dale Luke	CWI/ Idaho Nat'l Laboratory
Melinda Krahenbuhl	Reed College
Tom Newton	Massachusetts Institute of Technology
John Adams	NRC
Jere Jenkins	National Organization of Test, Research, and Training Reactors
Dan Beck	PSU
Cindy Montgomery	NRC
Bruce Meffert	University. of Missouri
Cameron Goodwin	Rhode Island Nuclear Science Center
Michael Flagg	University of Missouri Columbia (MURR)
Brian Fairchild	Reed College (Reed)
George Miller	University of California - Irvine
Steven Lynch	NRC
Reilly Villanueva	Reed
Ilan Norakoski	Reed
John Fruits	MURR
Sharon Monteiro	Member of Public
Alexander Adams, Jr.	NRC
Duane Hardesty	NRC