

June 16, 2016

ORGANIZATION: National Organization of Test, Research, and Training Reactors

SUBJECT: SUMMARY OF MAY 17, 2016, MEETING WITH THE NATIONAL ORGANIZATION OF TEST, RESEARCH, AND TRAINING REACTORS

On May 17, 2016, a Category 2 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and the National Organization of Test, Research, and Training Reactors (TRTR) at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland, via teleconference. The purpose of this meeting was to discuss NRC personnel changes, rulemaking, generic communications, upcoming meetings, and other items of interest to the TRTR community. The meeting notice and agenda, dated May 2, 2016, are available in the Agencywide Documents Access and Management System (ADAMS) under ADAMS Accession No. ML16123A221. A list of attendees is provided as an enclosure. The following is a description of the topics covered by the NRC staff and the TRTR community.

**Personnel Changes and Management Items:** Louis Lund has become the new Division Director for Policy and Rulemaking, while Lawrence Kokajko retired after a long career with the NRC. An update was provided on the current NRC's rebaselining and prioritization effort.

**Generic Communication:** NRC Generic Letter (GL 2016-01) "Monitoring of Neutron-Absorbing Materials In Spent Fuel Pools." This GL applies to "All holders of an operating license for a non-power reactor (research reactor, test reactor, or critical assembly) under 10 CFR Part 50, who have a reactor pool, fuel storage pool, or other wet locations designed for the purpose of fuel storage, except those who have permanently ceased operations with all reactor fuel removed from onsite wet storage." A response to this GL is required within 210 days from the date of the letter (April 7, 2016). Post-meeting clarification was provided to the TRTR List Server by John Adams in response to a request for clarification from Mr. Dan Cronin, University of Florida and has been included as an enclosure.

The NRC issued a regulatory issue summary (RIS 2016-05) to clarify the NRC's technical position on existing regulatory requirements for the reliability of safety-related equipment with embedded digital devices.

The Nuclear Energy Institute is in the process of updating guidance for the implementation of Title 10 of the *Code of Federal Regulations* (10 CFR) 50.59, "Changes, tests and experiments."

**Licensing:** The staff provided updates on licensing amendments which involve some RTR facilities' digital amendments; draft regulation on RTR licensing with its status and expectations; and digital components in RTR systems on the draft ISG status.

**Oversight:** The staff discussed the standard for reactor operator and senior reactor operator license exam applications and provided status of the proposed changes to 10 CFR Part 73, "Physical Protection of Plants and Materials."

**Meetings relevant to the interests of the TRTR community:**

- Proposed 2016 TRTR Executive Committee Teleconferences: No meeting on August 16, 2016 since the TRTR Annual Conference will be held the following week. The next TRTR Executive Committee teleconference will be on Tuesday, November 15, 2016.
- August 21-25, 2016, TRTR Annual Conference, will be hosted in Albuquerque, New Mexico by Sandia National Laboratories.

Please direct any inquiries to me at 301-415-1404, or via e-mail at [Xiaosong.Yin@nrc.gov](mailto:Xiaosong.Yin@nrc.gov).

*/RA/*

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Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

Enclosures:  
As stated

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| <b>NAME</b>   | XYin         | NParker     | AAdams       | XYin         |
| <b>DATE</b>   | 06/15/2016   | 06/03/2016  | 06/16/2016   | 06/16/2016   |

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LIST OF ATTENDEES

THE NATIONAL ORGANIZATION OF TEST, RESEARCH, AND TRAINING REACTORS

May 17, 2016

| <u>Name</u>        | <u>Organization</u>                      |
|--------------------|--|
| Dan Cronin         | University of Florida                    |
| Mike Flagg         | University of Missouri-Columbia          |
| Melinda Krahenbuhl | Reed College                             |
| Cliff Stanley      | Idaho National Laboratory                |
| Wes Frey           | University of California-Davis           |
| Janet Schlueter    | Nuclear Energy Institute                 |
| Norbert Carte      | U.S. Nuclear Regulatory Commission (NRC) |
| Alexander Adams    | NRC                                      |
| Duane Hardesty     | NRC                                      |
| John Adams         | NRC                                      |
| Mirela Gavrilas    | NRC                                      |
| Patrick Boyle      | NRC                                      |
| William Schuster   | NRC                                      |
| Carol Revelle      | NRC                                      |
| Anthony Mendiola   | NRC                                      |
| Geoffrey Wertz     | NRC                                      |
| Linh Tran          | NRC                                      |

Enclosure

**From:** Adams, John

**Sent:** Thursday, May 19, 2016 8:24 AM

**To:** 'trtr-list@ecn.purdue.edu' <[trtr-list@ecn.purdue.edu](mailto:trtr-list@ecn.purdue.edu)>

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**Subject:** Clarification regarding which non-power reactor licensees are required to respond to NRC Generic Letter 2016-01, "Monitoring of Neutron-Absorbing Materials in Spent Fuel Pools", April 7, 2016.

The purpose of Generic Letter (GL) 2016-01 (ML16097A169) is to address degradation of **neutron-absorbing materials in wet reactor fuel storage systems** [bold for emphasis] for reactor fuel at power and non-power reactors. For non-power reactors, wet storage of reactor fuel typically occurs in either the reactor pool and/or a fuel storage pool; however, due to the diverse nature of non-power reactor facility designs there may be other wet reactor fuel storage systems of interest in use.

We also recognize that there are non-power reactor facility designs which have no wet reactor fuel storage systems. Dry reactor fuel storage systems are not within scope of this GL.

Holders of an operating license for a non-power reactor under 10 CFR Part 50 who have a reactor pool, fuel storage pool, or other wet locations designed for the purpose of reactor fuel storage are required to provide a response within 210 days of the date of this GL. The only exception is for those non-power reactor licensees who have permanently ceased operations with all reactor fuel removed from onsite wet storage.

If you require further clarification, please contact your NRC project manager.

Enclosure

Addressee List for Research and Test Reactor Licensees

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