



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

June 9, 2016

MEMORANDUM TO: Thomas A. Grice, Chief  
Enrichment and Conversion Branch  
Division of Fuel Cycle Safety, Safeguards,  
and Environmental Review  
Office of Nuclear Material Safety  
and Safeguards

FROM: Tilda Y. Liu, Senior Project Manager **/RA by T. Grice for/**  
Enrichment and Conversion Branch  
Division of Fuel Cycle Safety, Safeguards,  
and Environmental Review  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: SUMMARY OF MAY 25, 2016, MEETING - REGULATORY  
ISSUE RESOLUTION PROTOCOL DISCUSSION BETWEEN  
THE U.S. NUCLEAR REGULATORY COMMISSION AND FUEL  
CYCLE INDUSTRY REPRESENTATIVES

On May 25, 2016, the U.S. Nuclear Regulatory Commission (NRC) staff and representatives of the fuel cycle industry, including the Nuclear Energy Institute (NEI), held a Category 3 public meeting to discuss two reporting issues raised by the fuel cycle industry through NEI's Regulatory Issue Resolution Protocol (RIRP). The two issues were: (1) reporting of medical treatment of a contaminated individual, and (2) reporting of unplanned contamination events. This meeting was a follow-up based on the industry stakeholder feedback received during the March 23, 2016, public meeting on cumulative effects of regulation held in Atlanta, Georgia, during which the NRC staff provided a status update regarding its screening efforts of the two issues raised under NEI's RIRP. A summary of the March 23, 2016, public meeting is available in the NRC Agencywide Documents Access and Management System [ADAMS] Accession Number ML16112A146.

The aforementioned two issues were previously discussed in meetings between NRC and NEI. Specifically, on October 15, 2015, NEI had a drop-in visit with the NRC staff to facilitate the screening phase of the Regulatory Evaluation Summaries under the protocol. A summary of the October 15, 2015, drop in visit is available in the NRC ADAMS under Accession Number ML15296A421. On December 1, 2015, the NRC staff and representatives of NEI held a Category 1 public meeting to discuss application of the screening phase as outlined in NEI 14-14, "Regulatory Issue Resolution Protocol: A Methodology for Resolving Regulatory

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Issues with Generic Implications for Fuel Cycle Facilities,” dated December 2014. A summary of the December 1, 2015, meeting is available in ADAMS under Accession Number ML15351A339.

During the May 25, 2016, meeting, NEI gave a presentation entitled, “Industry Position on Problem Statements – Medical Treatment of Individuals and Contamination Events at Fuel Facilities” (ADAMS Accession Number ML16144A384). The NRC staff disagreed with industry’s position on reporting medical treatment of a contaminated individual, which proposed that currently maintained records should be sufficient and that medical treatment should be defined as excluding first aid. The NRC staff expressed that alternative regulatory options, such as an exemption in allowing onsite medical treatment to be recorded in a log under certain conditions, may be considered.

With respect to the industry position on reporting of unplanned contamination events, the NRC staff disagreed with the industry that the reporting requirement should exclude all contamination events in the controlled areas given current radiation safety programs based on the as-low-as-reasonably-achievable principle and accepted health physics practices. The NRC staff expressed that planned events must be clearly described in written procedures specific to the work being performed (i.e., not merely general response procedures).

For both of these instances, the NRC staff indicated that industry inputs in resolving these two issues using established regulatory processes would be welcomed. In addition, the NRC staff expressed, contrary to fuel cycle industry’s belief, that the aforementioned regulatory reporting issues do not have generic applicability to fuel cycle facilities, and therefore, did not consider NEI 14-14 protocol as the appropriate vehicle in resolving these issues as raised by the fuel cycle industry.

The meeting was useful in exchanging dialogs with the NEI and industry representatives on the aforementioned issues. The NRC staff and NEI representatives agreed that additional meeting(s) could be held to further discuss the issue associated with reporting of unplanned contamination events. No NRC staff decisions were made during the meeting. Enclosed is a list of those who participated in the meeting and via the telephone bridge line.

NEI has had an opportunity to review and comment on this summary.

Enclosure:

List of Meeting Participants

cc: N. Ashkeboussi, NEI  
J. Schlueter, NEI

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J. Schlueter, NEI

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## LIST OF PARTICIPANTS

### MEETING WITH FUEL CYCLE INDUSTRY TO DISCUSS ISSUES RAISED VIA REGULATORY ISSUE RESOLUTION PROTOCOL

May 25, 2016

#### NAME

#### AFFILIATION

##### **(Meeting Participants)**

Tom Grice	U.S. Nuclear Regulatory Commission (NRC)
Craig Erlanger	NRC
Tyrone Naquin	NRC
Kevin Ramsey	NRC
John Hull	NRC
Tilda Liu	NRC
Janet Schlueter	Nuclear Energy Institute (NEI)
William Randall Shackelford	Nuclear Fuel Services (NFS)
Roy Jason Faddis	NFS

##### **(On Telephone Bridge Line)**

Marvin Sykes	NRC
Omar Lopez	NRC
Richard Gibson	NRC
Manuel Crespo	NRC
Nick Peterka	NRC
Roland Womack	NRC
Robert Link	NEI Consultant
Bryant Harllee	Global Nuclear Fuels (GNF)
Scott Murray	GNF
Dave Spangler	BWXT
Lidia Litinski	Honeywell
Tim Tate	AREVA
Nancy Parr	Westinghouse

Enclosure