

October 2, 2012

# LOCATION CHANGE

September 19, 2012

MEMORANDUM TO: Gloria J. Kulesa, Chief  
Steam Generator Tube Integrity and  
Chemical Engineering Branch  
Division of Engineering  
Office of Nuclear Reactor Regulation

FROM: Aloysius O. Obodoako */RA/*  
Steam Generator Tube Integrity and  
Chemical Engineering Branch  
Division of Engineering  
Office of Nuclear Reactor Regulation

SUBJECT: FORTHCOMING CATEGORY 2 PUBLIC MEETING WITH THE  
NUCLEAR INDUSTRY TO DISCUSS NEUTRON ABSORBER  
MATERIAL DEGRADATION IN SPENT FUEL POOLS

DATE & TIME: Thursday, October 4, 2012, 7:30 a.m. – 4:30 p.m.

LOCATION: U.S. Nuclear Regulatory Commission (NRC)  
One White Flint North  
**Commissioners' Conference Room**  
**\*\*\*Room Change\*\*\***  
11555 Rockville Pike  
Rockville, MD 20852

PURPOSE: The purpose of the meeting is for U.S. Nuclear Regulatory  
Commission (NRC) staff to dialogue with the nuclear industry on  
relevant information pertaining to neutron absorbing material  
degradation in spent fuel pools and to discuss potential generic  
communication.

It is recommended that participants read Technical Letter Reports  
(TLRs), "Boraflex, RACKLIFE, and BADGER Description and  
Uncertainties," and "Initial Assessment of Uncertainties Associated  
with BADGER Methodology," corresponding to certain staff  
presentations that will be discussed during the meeting (ADAMS  
Accession Nos. ML12216A307 and ML12254A064, respectively).  
The TLRs may be downloaded from the NRC's public Web site at  
<http://www.nrc.gov/reading-rm/adams.html>.

CATEGORY 2: This is a **Category 2 Meeting**. Certain portions of this meeting may be  
closed to the public if proprietary information is discussed. The order  
and timing of the agenda items may be changed due to information

and/or personnel availability. The public is invited to participate in this meeting by discussing regulatory issues with the NRC at designated points identified on the agenda.

The NRC provides reasonable accommodation to individuals with disabilities where appropriate. If you need a reasonable accommodation to participate in a meeting, or need a meeting notice or a transcript or other information from a meeting in another format (e.g., Braille, large print), please notify the NRC's meeting contact. Determinations on requests for reasonable accommodation will be made on a case-by-case basis.

CONTACT:	Aloysius O. Obodoako (301) 415-1502 Aloysius.Obodoako@nrc.gov	Emma L. Wong (301) 415-1217 Emma.Wong@nrc.gov
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PARTICIPANTS: Participants include:

<u>NRC</u>	<u>INDUSTRY</u>
G. Kulesa	M. Nichol
E. Wong	M. Eyre
C. Hunt	J. Dunlap
A. Pulvirenti	Z. Martin
A. Obodoako	K. Waldrop
M. Yoder	
J. Davis	
P. Hiland	

Pre-registration: Members of the public that will attend the meeting may pre-register for a visitor security badge. Those interested in pre-registering should email or call the meeting contact as soon as possible, but no later than October 3, 2012.

Webcast and Teleconferencing: Interested members of the public can view this meeting remotely on the internet, through NRC's webcast portal, located at <http://video.nrc.gov/>. Interested members of the public can also participate in this meeting via a toll-free audio teleconference number: 888-469-1564, Pin: 67161. Those interested in participating in the meeting by teleconference should e-mail or call the meeting contact as soon as possible, but no later than October 3, 2012.

Enclosure:  
Agenda

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**ADAMS ACCESSION No.: ML12276A059**

<b>OFFICE</b>	NRR/DE/ESGB	NRR/DE/ESGB
<b>NAME</b>	AObodoako	GKulesa
<b>DATE</b>	09/19/2012	09/19/2012

**OFFICIAL RECORD COPY**

AGENDA FOR MEETING WITH THE  
NUCLEAR INDUSTRY – NEUTRON ABSORBING  
MATERIAL DEGRADATION IN SPENT FUEL POOLS  
AT U.S. NUCLEAR REGULATORY COMMISSION COMMISSIONER'S CONFERENCE ROOM  
11555 ROCKVILLE PIKE. ROCKVILLE, MARYLAND 20852  
OCTOBER 4, 2012, 7:30 AM – 4:30 PM

Teleconference Number: 888-469-1564, Pin: 67161

Meeting Check-in	7:30 – 8:30 AM
Aloysius Obodoako, Materials Engineer, Nuclear Reactor Regulation, NRC <u>Topic:</u> Welcome and introduction of presenters	8:30 – 8:40 AM
Patrick Hiland, Director, Division of Engineering, NRR, NRC <u>Topic:</u> Opening remarks	8:40 – 8:45 AM
Jack Davis, Deputy Director, Division of Safety Systems, NRR, NRC <u>Topic:</u> Opening remarks	8:45 – 8:50 AM
Emma Wong, Chemical Engineer, Nuclear Reactor Regulation, NRC <u>Topic:</u> Overview of materials and degradation issues and current state of knowledge	8:50 – 9:10 AM
Keith Waldrop, EPRI <u>Topic:</u> Industry knowledge on Boraflex, Carborundum, and Boral blistering, and effects on criticality analyses.	9:10 – 9:25 AM
Audience Q & A	9:25 – 10:00 AM
Break	10:00 – 10:10 AM
Christopher Hunt, Chemical Engineer, Nuclear Reactor Regulation, NRC <u>Topic:</u> RACKLIFE Methodology	10:10 – 10:30 AM
April Pulvirenti, Materials Engineer, Nuclear Regulatory Research, NRC <u>Topic:</u> BADGER Methodology	10:30 – 10:50 AM
Jeff Dunlap, Exelon <u>Topic:</u> Industry use of RACKLIFE/BADGER and input to criticality analyses	10:50 – 11:05 AM
Zita Martin, TVA <u>Topic:</u> Industry perspective on neutron absorber surveillance	11:05 – 11:20 AM
Audience Q & A	11:20 – 12:00 PM
Lunch	12:00 – 1:15 PM

ENCLOSURE

Matt Eyre, NETCO <u>Topic:</u> Super BADGER Methodology	1:15 – 1:30 PM
Keith Waldrop, EPRI <u>Topic:</u> 5 year Boral test plan	1:30 – 1:45 PM
Audience Q & A	1:45 – 2:15 PM
Break	2:15 – 2:25 PM
Matt Eyre, NETCO <u>Topic:</u> Metamic and other newer neutron absorbers	2:25 – 2:40 PM
Emma Wong, Chemical Engineer, Nuclear Reactor Regulation, NRC <u>Topic:</u> Path forward	2:40 – 3:00 PM
Audience Q & A	3:00 – 3:50 PM
Public Comments	
Jack Davis, Deputy Director, Division of Safety Systems, NRR, NRC	3:50 – 3:55 PM
Aloysius Obodoako, Materials Engineer, Nuclear Reactor Regulation, NRC <u>Topic:</u> Closing remarks	3:55 – 4:00 PM