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:

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PARTICIPANTS: Participants include:

NRC	INDUSTRY
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

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

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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 Topic: Welcome and introduction of presenters	8:30 – 8:40 AM
Patrick Hiland, Director, Division of Engineering, NRR, NRC Topic: Opening remarks	8:40 – 8:45 AM
Jack Davis, Deputy Director, Division of Safety Systems, NRR, NRC Topic: Opening remarks	8:45 – 8:50 AM
Emma Wong, Chemical Engineer, Nuclear Reactor Regulation, NRC Topic: Overview of materials and degradation issues and current state of knowledge	8:50 – 9:10 AM
Keith Waldrop, EPRI Topic: 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 Topic: RACKLIFE Methodology	10:10 – 10:30 AM
April Pulvirenti, Materials Engineer, Nuclear Regulatory Research, NRC Topic: BADGER Methodology	10:30 – 10:50 AM
Jeff Dunlap, Exelon Topic: Industry use of RACKLIFE/BADGER and input to criticality analyses	10:50 – 11:05 AM
Zita Martin, TVA Topic: 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 Topic: Super BADGER Methodology	1:15 – 1:30 PM
Keith Waldrop, EPRI Topic: 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 Topic: Metamic and other newer neutron absorbers	2:25 – 2:40 PM
Emma Wong, Chemical Engineer, Nuclear Reactor Regulation, NRC Topic: 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 Topic: Closing remarks	3:55 – 4:00 PM