

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 ASBORBER
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)
Executive Boulevard Building 1B13 and 1B15
6003 Executive Blvd.
Rockville, Maryland 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.

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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. 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.: ML12263A141

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 (NRC) EXECUTIVE BOULEVARD
BUILDING ROOM 1B13 and 1B15, 6003 EXECUTIVE BLVD. ROCKVILLE, MARYLAND
OCTOBER 4, 2012, 7:30 AM – 4:30 PM

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
Matt Eyre, NETCO <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 – 9:55 AM
Break	9:55 – 10:05 AM
Christopher Hunt, Chemical Engineer, Nuclear Reactor Regulation, NRC <u>Topic:</u> RACKLIFE Methodology	10:05 – 10:25 AM
April Pulvirenti, Materials Engineer, Nuclear Regulatory Research, NRC <u>Topic:</u> BADGER Methodology	10:25 – 10:45 AM
Jeff Dunlap, Exelon <u>Topic:</u> Industry use of RACKLIFE/BADGER and input to criticality analyses	10:45 – 11:00 AM
Zita Martin, TVA <u>Topic:</u> Industry perspective on neutron absorber surveillance	11:00 – 11:15 AM
Audience Q & A	11:15 – 11:45 AM
Lunch	11:45 – 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 and generic communication	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