

June 23, 2008

MEMORANDUM TO: Timothy Frye, Chief
Health Physics Branch
Division of Construction Inspection
& Operational Programs
Office of New Reactors

FROM: Katie Streit, Health Physicist /RA/
Health Physics Branch
Division of Construction Inspection
& Operational Programs
Office of New Reactors

SUBJECT: SUMMARY OF JUNE 12, 2008, CATEGORY 2 PUBLIC
MEETING WITH THE NUCLEAR ENERGY INSTITUTE
TO DISCUSS HEALTH PHYSICS ISSUES FOR NEW
REACTORS

On June 12, 2008, the Nuclear Regulatory Commission (NRC) staff met with members of the Nuclear Energy Institute (NEI) to discuss new reactor health physics issues. Enclosure 1 lists the meeting attendees.

NRC issued a public meeting notice on May 29, 2008 and posted it on the NRC's external (public) web page (Agencywide Document Access Management System (ADAMS) Accession No. ML081490470). The notice included the meeting agenda, which was also available as a handout at the meeting.

The meetings discussions included:

- General Combined License (COL)/Design Certification (DC) Application Status and Lessons Learned
- NEI Radiation Protection Program Templates Status
- GALE, LADRAP and GASPAR Computer Codes Updates
- Regulatory Guide 4.21 Status

NRC started with a discussion of the status of the radiation protection review of the current COL and DC applications.

Next, NRC and NEI representatives discussed the status of the four Radiation Protection Program templates being developed by NEI to support the COL applications. NRC handed out copies of comments for NEI template 07-09, Offsite Dose Calculation Manual Program Description (ML081750299). NRC stated there are no further questions at this time for NEI template 07-10, Process Control Program. NEI representative stated the updates for NEI 07-03, Radiation Protection Program Description, and NEI 07-08, ensuring that Occupational Radiation Exposures are as Low as Reasonably Achievable template, will be provided to the NRC in the upcoming week.

NRC mentioned updates to the GALE, LADTAP, and GASPAR computer codes are still underway. NEI representative stated they continue to discuss methods to support these health physics computer code updates.

Finally, the NRC noted that the Regulatory Guide 4.21, Minimization of Contamination and Radioactive Waste Generation: Life-Cycle Planning (ML080500187) has been published for use. The Regulatory Guide is publically available and will be located on the public website soon. The NRC stated that Requests for Additional Information to support the regulatory guide are currently being sent out to all DC and reference COL applications.

NEI representative stated their goal of creating a template for the operational parts of the regulatory guide. The NEI representative stressed that the goal of the template is to deal specifically with operational programs and not design issues. NEI representatives stated they plan to send a letter to the NRC soon to discuss the scope of the template and present a preliminary schedule. NEI plans to hold a public workshop to discuss the Regulatory Guide and generate a draft template in mid-summer. NRC stated they would be willing to support such a workshop.

Contact: Katherine Streit, NRO/DCIP/CHPB
301-415-3299

Enclosure:
List of Attendees
Meeting Handouts

cc w/encl: See next page

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ADAMS Package Accession Number: ML081840496
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Meeting Notice Accession Number: ML081490470
Meeting Handout 1 Accession Number: ML081750299

OFFICE	NRO/DCIP/CHPB	NRO/DCIP/CHPB
NAME	KStreit	TFrye
DATE	6/23/2008	6/23/2008

OFFICIAL RECORD

Public Meeting with the Nuclear Energy Institute (NEI) Discussion of New Reactor Health Physics Issues June 12, 2008 Meeting Attendees	
Name	Organization
Tim Frye	NRC
Katie Streit	NRC
Sara Bernal	NRC
Jean-Claude Dehmel	NRC
Edward Roach	NRC
Patricia Campbell	GE Hitachi
Nancy Chapman	SERCH/Bechtel
Steven Garry	NRC
Dave Shafer	AmerenUE/Callaway
Richard Conatser	NRC
Stan Day	Unistar Nuclear/Excel Services
Bob Hirmanpour	NuStart
Ron Shippee	Unistar
Richard Ely	Enercon
Pedro Salas	Areva NP
Boy Karimi	ERI
Ralph Andersen	NEI
Derek Widmayer	NRC
William McConaghy	Toshiba
Roger Pedersen	NRC
Tom Williamson	Entergy/Nustart
Mark Paul	Dominion
William E. Smith*	Southern Nuclear Company
Mari Johanna Jaworsky*	The Shaw Group
Edward Cumming*	EPRI
Ron Cardarlli*	EPRI
James Breeden*	Dominion/North Anna
Jacob Schulz*	South Texas Project

*ByTelephone