

November 16, 2007

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

FROM: Sara Bernal, Health Physicist **/RA/**
Health Physics Branch
Division of Construction Inspection
& Operational Programs
Office of New Reactors

SUBJECT: SUMMARY OF OCTOBER 18, 2007, CATEGORY 2 PUBLIC
MEETING WITH THE NUCLEAR ENERGY INSTITUTE TO DISCUSS
HEALTH PHYSICS ISSUES FOR NEW REACTORS

On October 18, 2007, 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.

A public meeting notice was issued on October 5, 2007, and was posted on the NRC's external (public) web page (Agencywide Document Access Management System (ADAMS) Accession No. ML072760690). The notice included the meeting agenda, which was also available as a handout at the meeting. The discussions included:

- Regulatory Guide (RG) 1.206 and the Standard Review Plan
- Chapter 11 and Chapter 12 NEI templates
- Draft Guide (DG) 4012, "Minimization of Contamination and Radioactive Waste Generation – Life Cycle Planning"

NRC staff began the meeting by distributing and discussing NRC staff questions on NEI templates NEI 07-08, "Generic FSAR Template Guidance for Ensuring that Occupational Radiation Exposures are As Low As Is Reasonably Achievable (ALARA)," and NEI 07-03, "Generic FSAR Template Guidance for Radiation Protection Program Description." These questions can be found in ADAMS (Accession No. ML073020198). In response to the questions contained in the meeting handout NEI revised both NEI 07-08 and NEI 7-03. Draft versions of the revised templates can also be found in ADAMS (Accession Nos ML073100772 and ML073100752).

In addition, NRC staff asked questions and provided feedback on NEI 07-11 (ML0727403300), "Generic Template Guidance for Cost-Benefit Analysis for Radwaste Systems for Light-Water-Cooled Nuclear Power Reactors." NRC staff questioned why NEI 07-11 did not use a method other than that contained in RG 1.110 to perform the cost benefit analysis required by Section II.D of Appendix I to 10 CFR Part 50. Industry responded that updating the method described in RG 1.110 would cost hundreds of thousands of dollars to develop and therefore was not practical at this time. NRC staff from the Office of New Reactors (NRO) stated that they planned

on sharing the template with staff from the Office of Nuclear Reactor Regulation (NRR). NEI agreed to hold off on revising the template until such time that NRC staff from NRO and NRR had finished reviewing the template.

NEI presented comments on DG 4012. NEI requested that DG 4012 be re-organized, such that the information contained in the Discussion section would instead be placed in the Regulatory Position section, and the information contained in the Regulatory Position section would be moved to an appendix to the guide, or to a NUREG. NRC staff agreed to take the comment into consideration.

CONTACT: Sara Bernal, NRO/DCIP/CHPB
301-415-1027

Enclosure:
List of Attendees
Meeting Handouts

cc w/encl: See next page

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DISTRIBUTION:
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ADAMS Package Accession Number: ML073200762
Meeting Summary Accession Number: ML073200574
Meeting Notice Accession Number: ML072760690
Meeting Handout Accession Number: ML073100772, ML073100752, ML072740330,
ML073020198

OFFICE	NRO/DCIP/CHPB	NRO/DCIP/CHPB (BC)
NAME	SBernal	TFrye
DATE	11/16/07	11/16/07

OFFICIAL RECORD COPY

Memo to Timothy Frye from Sara Bernal dated October 18, 2007.

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**Public Meeting with the Nuclear Energy Institute (NEI)
Discussion of New Reactor Health physics Issues
October 18, 2007
Meeting Attendees**

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Richard Ely	Enercon Services
William E. Smith	SNC
Ralph Andersen	NEI
Edward E. Roach	NRC
Jean Claude Dehmel	NRC
Timothy Frye	NRC
Ron Shippee	Areva/Unistar
Sara Bernal	NRC
Edward O'Donnell	NRC
Bill Ott	NRC
Philip Shultz*	SCANA
Milton Rejcek*	STPNOC

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Project No. 689

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