

August 3, 2007

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

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

SUBJECT: SUMMARY OF JULY 11, 2007, CATEGORY 2 PUBLIC MEETING
WITH THE NUCLEAR ENERGY INSTITUTE TO DISCUSS HEALTH
PHYSICS ISSUES FOR NEW REACTORS

On July 11, 2007, the Nuclear Regulatory Commission (NRC) staff met with members of the Nuclear Energy Institute (NEI) to discuss new reactor health physics issues. The meeting took place at NRC headquarters located in Rockville, Maryland. Enclosure 1 lists the meeting attendees.

A public meeting notice was issued on June 28, 2007, and was posted on the NRC's external public web page (Agencywide Document Access Management System (ADAMS) Accession Number ML071730248). The notice included the meeting agenda, which was also available as a handout at the meeting. The discussions included:

- (1) Questions on Regulatory Guide (RG) - 1.206 and the Standard Review Plan (SRP)
- (2) 10 CFR Part 20.1406 Implementation for Combined Operating License (COL) Applicants (Operational Programs)
- (3) Relationship between SRP Section 12.1 and the Radiation Protection Program as Described in SRP Section 12.5

In order to address Industry questions on what is an acceptable level of detail for Chapter 11 operational programs described in a COL application, the NRC staff proposed that industry submit a template, as a topical report, that would fully describe each of the four radiological effluent programs (ADAMS Accession Number ML072120561). The template would be applicable to all applicants and vendor types and, once approved, would provide a consistent standard for the level of detail required by both existing and "green-field" sites. Industry representatives stated that they would consider the idea and contact the NRC if the decision was made to move forward with the template.

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NEI representatives raised concerns regarding the American National Standards Institute (ANSI) standards which were referenced in the SRP, but not endorsed by any RG. NEI representatives did not want to commit to using an ANSI standard that did not have an associated RG endorsing it. Additional concerns were raised regarding NRC's plan to revise many of the current RGs. NEI representatives stated this would result in different revisions of the same guide being used by different COL holders. NRC staff agreed to take both comments into consideration.

NRC staff presented information on the status of Draft Regulatory Guide (DG) - 4012, "Minimization of Contamination and Radioactive Waste Generation – Life Cycle Planning." DG-4012 was issued for public comment on July 31, 2007.

Industry representatives expressed concern regarding DG-4012 not being finalized by the time the first COL applications are submitted to the NRC. Since DG-4012 provides acceptable guidance for addressing 10 CFR Part 20.1406 implementation, industry asked whether COL applicants could insert placeholders into their applications until such time that the final regulatory guide is issued with an acceptable method of implementing 20.1406. Once DG-4012 is finalized, the applicants would go back and provide the missing information in accordance with its guidance. NRC staff plans to determine whether this approach is acceptable.

Industry proposed a plan to create a template for Section 12.1 of the SRP that would be used in combination with the template for Section 12.5 of the SRP. This template would be submitted as a technical report. NRC staff agreed to discuss the SRP Section 12.1 template at a future meeting.

The public was invited to attend the meeting. Public Meeting Feedback forms were not received.

Enclosure:
List of Attendees
Meeting Handout

cc w/encl: See next page

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ADAMS Package Accession Number: ML071730255
Meeting Notice Accession Number: ML071730248
Meeting Handout Accession Number: ML072120561
Meeting Summary Accession Number: ML072130219

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|--------|---------------|--------------------|
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**Public Meeting with the Nuclear Energy Institute (NEI)
Discussion of New Reactor Health physics Issues**

**July 11, 2007
Meeting Attendees**

| Name | Organization |
|-------------------|----------------------|
| Tim Frye | NRC |
| William Reckley | NRC |
| Charles S. Hinson | NRC |
| Sara Bernal | NRC |
| Steve Schaffer | NRC |
| Ilka Berrios | NRC |
| George Cicotte | NRC |
| William Ott | NRC |
| Andrea Johnson | NRC |
| Jerry Bonanno | NRC |
| Tom Kevern | NRC |
| Mark Paul | Dominion Resources |
| Pedro Salas | AREVA NP |
| Leslie Kass | NEI |
| William E Smith | Southern Co. |
| Tom Williamson | Entergy |
| Ralph Anderson | NEI |
| Ron Shippee | Areva/Unistar |
| Richard Ely | Enercon |
| Milton Rejcek | STPNOC Units 3 and 4 |
| Gabe Salamon | Enercon |
| Tim Meneely* | Westinghouse |
| Deann Raleigh* | Scientech |

* By Telephone

ENCLOSURE

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cc:

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