



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

August 5, 2009

MEMORANDUM TO: Lois M. James, Chief
Plant Licensing Branch III-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

FROM: G. Edward Miller, Project Manager
Plant Licensing Branch I-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF JUNE 30-JULY 1, 2009, CATEGORY 2 PUBLIC MEETING REGARDING DEVELOPMENT OF INTERIM STAFF GUIDANCE ON THE DIGITAL INSTRUMENTATION AND CONTROL SYSTEM UPGRADE LICENSING PROCESS

On June 30, 2009, and July 1, 2009, the Nuclear Regulatory Commission (NRC) staff conducted a Category 2 public meeting to discuss the development of guidance for the staff in the Office of Nuclear Reactor Regulation regarding the licensing process for digital instrumentation & control (I&C) upgrades. A notice for this meeting was issued on June 18, 2009, and is available in the Agencywide Documents Access and Management System under Accession No. ML091540780. The attendance sheet is included as Enclosure 1 to this memorandum.

The purpose of this meeting was to foster an open discussion of the format, technical content, and process of the draft interim staff guidance. The presentation slides are included as Enclosure 2 to this memorandum.

The meeting was opened by a brief discussion of the IEEE 603-1991 compliance review area. The majority of the meeting on June 30 was devoted to discussion of the wording and content of this section.

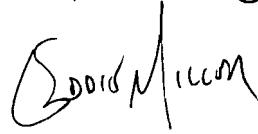
The portion of the meeting on July 1 focused on the software design process. Additionally, it was agreed that the Nuclear Energy Institute (NEI) would be supplied each of the review areas individually to provide written input. This is in addition to the formal opportunity for comment to be made available once all review areas are drafted.

At the conclusion of these discussions, the meeting was opened for public comments. No public comments were received.

L. James

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Please direct any inquiries to me at 301-415-2481, or ed.miller@nrc.gov.

A handwritten signature in black ink that reads "G. Edward Miller". The signature is written in a cursive style with a large initial "G" and "M".

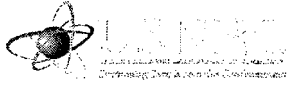
G. Edward Miller, Project Manager
Plant Licensing Branch I-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Enclosures:

1. List of Attendees
2. NRC Presentation Slides

Sign In Sheet	Discussion of ISG-6
DATE: June.30, 2009	

Name	Organization
PAUL LOESER	NRR/DE/EICB
SHAKUR WALKER	NRR/DE
DAVID SKEEN	NRR/DE
BILL KEMPER	NRR/DE/EICB
KEN SCAROLA	NAE/MNES/MHI
BILL CATULLO	W/ES/SAL/RCPAL
Debra Herrmann	NRC/DC
STEVEN ARNDT	NRR/DE
Rossney Alvarado	MPR Associates
MIKE SCHOPPMAN	NEI
CARL A. VITALBO	WESTINGHOUSE ELEC. CO.
GORDON CLETON	NEI
Tim Del Vecchio	NEI
BO Millon	NRC/DORL
<i>PHONE:</i>	
JAY PRINBERT	PROGRESS ENERGY



Digital I&C Licensing Process Task Working Group-6

June 30 & July 1, 2008

Ed Miller, Project Manager
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation



Digital I&C Licensing Process

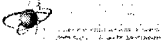
- Agenda (June 30)
 - Opening Remarks
 - Discussion of IEEE 603 Compliance
 - Break
 - NEI Presentation
 - Continued discussion of Software Design Process
 - Summary of Action Items
 - Public Comments



Digital I&C Licensing Process


- Agenda (July 1)
 - Discussion of Additional Areas
 - Discussion of Comment Matrix

Enclosure 2




Digital I&C Licensing Process

- IEEE 603 Compliance



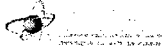
Digital I&C Licensing Process

- Public Comments



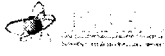
Digital I&C Licensing Process

- Agenda (July 1)
 - Summary of Previous Day
 - Discussion of Other Review Areas
 - Break
 - Discussion of Comment Matrix
 - Continued discussion of Review Areas
 - Summary of Action Items
 - Public Comments




Digital I&C Licensing Process

- Review Areas
 - Hardware Architecture (Drafted)
 - Hardware Design Process and Quality Control (Drafted)
 - Communications (Drafted)
 - Cyber Security (To Be Addressed Later)
 - Software Architecture
 - Software Design Process (Drafted)
 - System Qualifications (In Progress)
 - Diversity and Defense-in-Depth (Drafted)
 - IEEE 603 Compliance (Drafted)
 - IEEE 7-4.3.2 Compliance (Drafted, Available Next Meeting)
 - System, Hardware, Software, and Methodology Modification
 - Technical Specifications (Drafted)




Digital I&C Licensing Process

- Discussion of NEI Comments




Digital I&C Licensing Process

- Schedule
 - Conference Call, July 14, 2009 to discuss status.
 - Public Meeting, July 21, 2009, to discuss comments on draft process and review areas & remaining review areas
 - Full draft by end of July, 2009.
 - Comment Period would close August, 2009.
 - ISG-6, Revision 0, by September, 2009.



Digital I&C Licensing Process

- Public Comments



L. James

- 2 -

Please direct any inquiries to me at 301-415-2481, or ed.miller@nrc.gov.

/RA/

G. Edward Miller, Project Manager
Plant Licensing Branch I-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Enclosures:

1. List of Attendees
2. NRC Presentation Slides

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 TFredette, NRO/DE

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OFFICE	NRR/LPLI-2/PM	NRR/LPLI-2/LA	LPLIII-1/BC
NAME	GEMiller	ABaxter	LJames
DATE	7/10/09	7/7/09	8/05/09

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