

June 4, 2012

MEMORANDUM TO: Mark Kowal, Chief
ITAAC Branch
Division of Construction Inspection
& Operational Programs
Office of New Reactors

FROM: Mahmoud Jardaneh, Reactor Operations Engineer */RA/*
ITAAC Branch
Division of Construction Inspection
& Operational Programs
Office of New Reactors

SUBJECT: SUMMARY OF THE MAY 10, 2012 UNITED STATES NUCLEAR
REGULATORY COMMISSION CONSTRUCTION INSPECTION
PROGRAM CATEGORY 3 PUBLIC MEETING

On May 10, 2012, the U.S. Nuclear Regulatory Commission (NRC) staff, Office of New Reactors (NRO), held a public meeting to:

1. Discuss and provide feedback to industry on Inspections, Tests, Analysis, and Acceptance Criteria (ITAAC) Closure Notification (ICN) examples submitted as part of the Expanded ICN Examples Project.
2. Present staff comments on draft Revision 5 of the Industry Guideline for the ITAAC Closure Process under 10 CFR Part 52 (NEI 08-01)
3. Provide updates on "Report" ITAAC and "Design Acceptance Criteria (DAC)" ITAAC.
4. Discuss the NRC construction inspection finding screening process.
5. Provide an overview of industry ITAAC performance lessons learned.
6. Kickoff the Technical Basis for ITAAC effort.
7. Discuss topics related to counterfeit, fraudulent, and suspect items (CFSI).

The meeting notice can be found in the Agencywide Documents Access and Management System (ADAMS) under accession number ML12118A389 and the final meeting agenda under ML12130A197.

The meeting began with a presentation by Mahmoud Jardaneh of the Division of Construction Inspection and Operational Programs (DCIP) on the Expanded ICN Examples Project. Mr. Jardaneh provided an overview and background information on the project and presented staff feedback on the four examples submitted for NRC review (ML12130A208).

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The presentation included a list of twelve ICNs that the staff expects industry to submit before the conclusion of the project. In the presentation, Mr. Jardaneh reiterated that all previously provided comments on ICN examples should be addressed before incorporating the ICNs into NEI 08-01.

Next, Thomas Fredette of DCIP provided an overview of the DAC Working Group activities completed in 2012 and highlighted plans for the remainder of the calendar year (ML12128A477). Specifically, the presentation outlined activities related to Piping DAC, results of the recent Digital I&C inspection conducted at the Westinghouse Electric Company, and some of the major issues impacting the AP1000 Human Factors Engineering DAC efforts.

In response to an industry question regarding ITAAC inspection findings during the last construction inspection program public meeting, Thomas Kozak of DCIP presented a summary of the construction reactor oversight process inspection finding screening process (ML12130A253). The presentation included a detailed summary of the inspection finding screening process contained in Inspection Manual Chapter 0613P, "Power Reactor Construction Inspection Reports – Pilot," and in doing so, described the criteria that must be met in order for a finding to be designated as a programmatic finding or a technical finding. Following the presentation, the staff fielded several scenario-based questions regarding the type of finding and the resultant effect of that finding on an ITAAC. The staff committed to conduct a future Category 2 public meeting to discuss actual inspection findings, including the staff's decision-making process for the type of finding identified. The Category 2 meeting will be held subsequent to the next scheduled Category 3 Construction Inspection Program meeting.

Perry Buckberg of DCIP presented staff feedback on draft NEI 08-01, Revision 5 (ML12130A258). Most of the comments were previously transmitted to the Nuclear Energy Institute (NEI) as indicated in the presentation. NEI stated that they concur with the majority of the staff comments received to date. For those comments that they do not concur with, NEI stated that they are drafting alternative language to be included in NEI 08-01. The current action is for the staff to deliver the final two comments regarding the Uncompleted ITAAC Notification (225-day letter) and ITAAC findings. Next, Mahmoud Jardaneh of DCIP kicked off the Technical Bases for ITAAC effort (ML12130A194). The purpose of this initiative is to provide a public forum to discuss the licensee's plans to meet ITAAC, clarify the intent of ITAAC, and regularly discuss ambiguous ITAAC related issues. Industry representatives will provide feedback to the staff regarding this initiative and develop a list of topics to be discussed at the first forum regarding this topic (tentatively planned for early July 2012.)

Andrea Johnson presented on "Report" ITAAC, which is an effort between the NRC and stakeholders to define the expectations for completing those ITAAC (ML12128A471). A partial proposed list (attached to Meeting Notice) of "Report" ITAAC was compiled by the staff and provided to NEI. During the public meeting, stakeholders agreed to select two categories of "Report" ITAAC and have subject matter experts (SME) from industry and staff meet and begin discussions on guidance/sample reports before the next public meeting in August. Industry will select the categories, provide SME contact information, and provide sample reports, where

possible, as a starting point for discussions. The long-term plan is to have staff and industry working-groups develop report content guidance in a public forum. This guidance could be fed into the development of Interim Staff Guidance (ISG-024), "Supplemental Guidance for the Verification of "Complex" ITAAC." In addition, Joseph Colaccino of the Division of Engineering provided a status update on ISG-024 and indicated that it is anticipated to be out for public comment before the next public meeting in August.

Industry representatives presented on their plans to submit ITAAC schedules to meet the requirements of 10 CFR 52.99(a) (ML12128A474). The staff indicated that schedules being shared with NRC Region 2 staff do not satisfy the requirements of the regulations. The staff took an action to evaluate options for the submittal of the schedules in order to meet the regulation. Additionally, industry representatives from Southern Nuclear Company presented on their internal ITAAC program and the training developed for persons performing ITAAC related activities (ML12128A473).

During the meeting, Jeffrey Jacobson of DCIP discussed the staff's desire to conduct a session at the next public meeting on lessons learned from the AP1000 Engineering Design Verification Inspection (EDV). The EDV was conducted last summer at Westinghouse Electric Company and was focused on the translation of the AP1000 DCD into detailed design, procurement, and construction documents. It was suggested that during the upcoming meeting Westinghouse provide a presentation along with the NRC. NEI and Westinghouse representatives in attendance voiced their support for the proposal.

Daniel Pasquale of DCIP presented a brief status update on activities associated with the 19 Planned Actions to address improvement areas documented in SECY-11-0154, "An Agencywide Approach to Counterfeit, Fraudulent, and Suspect Items." There were no formal presentations made by industry representatives at this meeting. However, NEI representative assured attendees that industry plans to give presentations on voluntary initiatives to adopt "proactive strategies" and plans to standardize best practices at the next public meeting scheduled for August 2012.

Gustave "Bud" Danielson of the U.S. Department of Energy addressed the meeting by giving a brief update of the activities within the various ASME committees to incorporate similar CFSI language into the 2012 edition of NQA-1. Mr. Danielson noted that the proposed CFSI related changes were viewed as insufficient in their current format and were removed from the 2012 edition. Mr. Danielson also invited all interested parties to participate in drafting and adopting the CFSI language for the next submission into NQA-1.

A list of attendees is attached. The planned dates for the next two CIP Category III public meetings are August 16, 2012 and November 01, 2012.

Members of the public were in attendance and Public Meeting Feedback forms were distributed and submitted according to standard protocols. Please direct any inquiries to Mahmoud Jardaneh at (301) 415-2753, or via e-mail to Mahmoud.Jardaneh@nrc.gov.

Enclosure:
As stated

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Enclosure:
As stated

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NRC-001

OFFICE	NRO/DCIP/CITB	NRO/DCIP/CITB: BC
NAME	MJardaneh	MKowal
DATE	06/04/2012	06/05/2012

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List of Attendees

Construction Inspection Program Category 3 Public Meeting with the Industry and the General Public, Held on May 10, 2012

Name	Affiliation
Chao, Wei-Wu	AEC
LeJeune, Peter	Balch & Bingham
Mermelstein, Irv	Bechtel
Swanson, Ronald	Bechtel
Bryant, Barry	Dominion
Jaworsky, Mari	Duke Energy
Zinke, George	Entergy Nuclear
Fay, Tom	Fluor Enterprises
Howard Dan	Fluor Enterprises
Matneshita, Kolinor	Foreign Assignee
Campbell, Patricia	GE Hitachi
Laskowski, Lenny	GE Hitachi
Stallings, John	GE Hitachi Nuclear Energy
Aitken, Steve	Institute of Nuclear Power Operation
Kumtumi, Fumiyosh	Mitsubishi Nuclear Energy Systems
Obermiller, Nathan	Mitsubishi Nuclear Energy Systems
Yamaguchi, T.	Mitsubishi Nuclear Energy Systems
Rund, Jonathan	Morgan Lewis
Austgen, Kati	Nuclear Energy Institute
Bell, Russ	Nuclear Energy Institute
Taylor, Larry	Progress Energy
Kelly, Nicole	Self
Castell, Curtis	Shaw
Ezell, Julie	South Carolina Electric and Gas Company
Medlock, Clint	Southern Nuclear Company
Waites, Brandon	Southern Nuclear Company
Romashko, Darryl	Tennessee Valley Authority/ Quality Assurance
Agarwal, Duli	U.S. Department of Energy
Danielson, Gustave	U.S. Department of Energy
Brown, Mike	U.S. Nuclear Regulatory Commission
Buckberg, Perry	U.S. Nuclear Regulatory Commission
Cheung, Calvin	U.S. Nuclear Regulatory Commission
Cozens, Ian	U.S. Nuclear Regulatory Commission
Davis, Robert	U.S. Nuclear Regulatory Commission
Desaulniers, David	U.S. Nuclear Regulatory Commission
Downey, Steven	U.S. Nuclear Regulatory Commission

ENCLOSURE

Fredette, Thomas	U.S. Nuclear Regulatory Commission
Frost, John	U.S. Nuclear Regulatory Commission
Frye, Tim	U.S. Nuclear Regulatory Commission
Gaslevic, Jim	U.S. Nuclear Regulatory Commission
Heher, Patrick	U.S. Nuclear Regulatory Commission
Hsu, K.	U.S. Nuclear Regulatory Commission
Jardaneh, Mahmoud	U.S. Nuclear Regulatory Commission
Johnson, Andrea	U.S. Nuclear Regulatory Commission
Kang, Peter	U.S. Nuclear Regulatory Commission
Kleeh, Ed	U.S. Nuclear Regulatory Commission
Kowal, Mark	U.S. Nuclear Regulatory Commission
Kozak, Thomas	U.S. Nuclear Regulatory Commission
Luehman, James	U.S. Nuclear Regulatory Commission
McGovern, Denise	U.S. Nuclear Regulatory Commission
Moorman, James	U.S. Nuclear Regulatory Commission
Musico, Bruce	U.S. Nuclear Regulatory Commission
Oesterle, Eric	U.S. Nuclear Regulatory Commission
Ogle, Chuck	U.S. Nuclear Regulatory Commission
Reis, Terrance	U.S. Nuclear Regulatory Commission
Rivera, Nilda	U.S. Nuclear Regulatory Commission
Roach, Edward	U.S. Nuclear Regulatory Commission
Spencer, Michel	U.S. Nuclear Regulatory Commission
Spivack, Ian	U.S. Nuclear Regulatory Commission
Sullivan, Frederick	U.S. Nuclear Regulatory Commission
Webb, Michael	U.S. Nuclear Regulatory Commission
Welch, Christopher	U.S. Nuclear Regulatory Commission
Wilson, Josh	U.S. Nuclear Regulatory Commission
Zhao, Jack	U.S. Nuclear Regulatory Commission
Bedford, Brian	Westinghouse
Kass, Leslie	Westinghouse
Miras, Rachel	Wilson, Winston & Strawn LLP