

February 22, 2011

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

FROM: Calvin Cheung, Reactor Operations Engineer */RA/*
Technical Specifications and ITAAC Branch
Division of Construction Inspection
& Operational Programs
Office of New Reactors

PARTICIPANTS: Public, Industry, and NRC Staff

SUBJECT: SUMMARY OF JANUARY 27, 2011, NUCLEAR REGULATORY
COMMISSION CONSTRUCTION INSPECTION PROGRAM
CATEGORY 3 PUBLIC MEETING WITH THE INDUSTRY AND THE
GENERAL PUBLIC

On January 27, 2011, the Nuclear Regulatory Commission (NRC), Office of New Reactors (NRO) held a public meeting to discuss various topics relating to new reactor construction (Agencywide Documents Access and Managements System (ADAMS) Accession Number ML110120150). The purpose of the meeting was to update and solicit feedback from members of the public on the progress made in various topics related to the Differences between Part 21 and 50.55(e) and the Simulated Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Closure and Verification Demonstration.

The meeting began with a presentation prepared by the Division of New Reactor Licensing (DNRL) and presented by Christopher Welch from the Technical Specifications and ITAAC Branch (CTSB), discussing the Applicability of Part 21 and 10 CFR 50.55(e) to COL applicants (ML110270337). The need for clarification was discussed.

Next, Mahmoud Jardaneh from CTSB provided an update on the Simulated ITAAC Closure and Verification Demonstration (ML110270355). The presentation provided background, progress, and next steps of the demonstration. A number of key lessons learned have been identified during this project which will be documented in a lessons learned report. The lessons learned are expected to be presented during the next public meeting on March 31, 2011.

Enclosures:
As Stated

CONTACT: Calvin Cheung, NRO/DCIP
(301) 415-2043

The discussion on the Simulated ITAAC Closure and Verification Demonstration continued with a presentation by Thomas Ray from Westinghouse Electric Company (WEC) on the contents of the AP1000 Design Reliability Assurance Program ITAAC Closure Package (ML110270364). Safety related structure, system, or components (SSCs) will be designed in accordance with a 10 CFR 50 Appendix B quality program while the non-safety related SSCs will be designed in accordance with a program that satisfies quality assurance requirements for SSCs important to investment protection.

The meeting concluded with a tabletop discussion between staff from DCIP, and the Office of the General Counsel, WEC, and Southern Nuclear Company (SNC), addressing comments from Staff on the ITAAC Closure Letters (ICLs) submitted as part of the Simulated ITAAC Closure and Verification Demonstration (ML110270367). Discussions on Functional Arrangement ITAAC 2.2.2.1, for the AP1000 Passive Containment Cooling System identified that further discussion is required to fully understand the intent of this ITAAC. The Staff did not accept the ICL due to the lack of sufficient information on how the definition of "functional arrangement" was implemented, since the ICLs included only SSCs shown in the simplified Tier 1 figures. The Staff explained that any SSCs, whether shown in the Tier 1 figures or not, must be included if their functionality could adversely affect the safety function as described in the design description, based on the Tier 1 definition of "functional arrangement".

A list of meeting attendees is attached. The next Category III public meeting is scheduled to be held on March 31, 2011, from 8 a.m. to 4 p.m. in the Two White Flint North Auditorium, in Rockville MD.

The planned dates for the next three CIP Category III public meetings for the calendar year 2011 are:

- March 31
- June 2
- July 28

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 Calvin Cheung at (301) 415-2043 or Calvin.Cheung@nrc.gov.

cc w/encl:
See next page

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OFFICE	NRO/DCIP/CTSB	NRO/DCIP/CTSB: BC
NAME	CCheung	MKowal
DATE	02/22/2011	02/23/2011

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Memo to Mark Kowal from Calvin Cheung dated February 22, 2011.

SUBJECT: SUMMARY OF JANUARY 27, 2011, NRC CONSTRUCTION INSPECTION
PROGRAM CATEGORY 3 PUBLIC MEETING WITH THE INDUSTRY AND THE GENERAL
PUBLIC

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Jim Gaslevic

Jerry Wilson

**Attendance List
Category 3 Public Meeting (NRO)
Two White Flint North
January 27, 2011**

Attendance List

Name	Organization
Albuquerque, Paulo	SNC
Arnold, Larry	STP
Bedford, Brian	Westinghouse
Bell, Russ	NEI
Blamey, Alan	NRC
Bryant, Barry	Dominion
Cheung, Calvin	NRC
Craffey, Ryan	NRC
Fay, Tom	Toshiba
Frye, Tim	NRC
Gaslevic, James	NRC
Giles, Julie	SCANA
Gilligan, Bernard	Hitachi Power Systems America
Jardaneh, Mahmoud	NRC
Kendzia, Thomas	NRC
Kinard, Jim	AREVA
Kowal, Mark	NRC
Laura, Rich	NRC
Murphy, Brian	Areva
Newton, Randy	Duke
Norato, Michael	NRC
Obermiller, Nathan	MNES
Oddo, John	Shaw Group
Pate, Russell Wayne	SNC
Ratzlaff, Daniel	Kiewit
Ray, Thom	Westinghouse
Sato, Kenichi	Hitachi-GE Nuclear Energy
Spencer, Michael	NRC
Szoch, Rick	UNISTAR
Taylor, Larry	Progress Energy
Terao, David	NRC

ENCLOSURE

Thompson, Ryder	SCANA
Torres, AA	SCE&G
Waites, Brandon	SNC
Welch, Christopher	NRC
Wells, Russ	Areva
Wilson, Jerry	NRC
Worjkummi, B	GSS Group

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(Revised 01/04/2011)

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