

November 29, 2010

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

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

PARTICIPANTS: Public, Industry, U.S. Department of Energy, and NRC Staff

SUBJECT: SUMMARY OF NOVEMBER 3, 2010 CONFERENCE CALL WITH
WESTINGHOUSE ELECTRIC COMPANY AND SOUTHERN
NUCLEAR COMPANY TO DISCUSS THE DEVELOPMENT OF
THE INSPECTIONS, TESTS, ANALYSES, AND ACCEPTANCE
CRITERIA (ITAAC) CLOSURE PACKAGE FOR THE DESIGN
RELIABILITY ASSURANCE PROGRAM (D-RAP) ITAAC

On November 3, 2010, the NRC, Office of New Reactors (NRO) held a public meeting to discuss a topic relating to new reactor construction (Agencywide Document Access and Management System (ADAMS) Accession Number ML102950009). The purpose of the meeting was to discuss the development of ITAAC closure package for the D-RAP ITAAC as part of the simulated ITAAC closure and verification demonstration.

The meeting started with remarks by Mahmoud Jardaneh of the Construction Technical Specifications and ITAAC Branch (CTSB) in the Division of Construction Inspection and Operational Programs (DCIP). Mr. Jardaneh provided an overview on the D-RAP ITAAC; highlighting the results of the simulated inspection previously conducted at the Westinghouse facility on September 21, 2010 as part of the simulated ITAAC closure and verification demonstration.

Following the opening remarks, Westinghouse representatives and NRC staff engaged in a discussion on the understanding of, and the expectations related to, performance of the D-RAP ITAAC, which include:

1. D-RAP ITAAC is intended to ensure that all design activities related to risk-significant structures, systems, or components (SSCs) are complete and were performed under the control of appropriate procedures.

2. Design activities related to risk-significant SSCs include preparation of calculations, specifications, instructions, drawings, database, procurement documentation, etc.
3. For the purposes of ITAAC closure, the staff will consider the list of Reliability Assurance Program (RAP) SSCs to be fixed when the combined license is issued.
4. ITAAC can and should be closed when the initial design has been issued. It should not be held open if a revision to the design is expected, nor reopened if the design is modified. Other programs/processes ensure these change activities are handled correctly.
5. The design analysis should explain the methods by which the licensee came to the conclusion that particular portions of the design are complete. This should be in sufficient detail to allow the staff to determine that the method, correctly implemented, provides an adequate basis for the conclusion.
6. An exhaustive list of documents is one way to identify design products on which this conclusion is based, but not the only way. The staff understands that some detailed design information that was traditionally controlled using paper-based systems may now be managed as electronic data.
7. The licensee may simplify or limit the scope of the analysis so long as they can justify the conclusion that all of the initial design has been approved and issued for all RAP SSCs. For example, the licensee may justify a scope that is limited by the function(s) that caused an SSC to be identified as risk significant. Alternatively, the licensee may establish simple boundaries within a system that include more than the RAP SSCs (e.g. a pump is an RAP SSC, but the analysis included the piping, pipe supports, pump foundation, pump power supply, and any valves that would preclude the SSC from performing its RAP function).

Malcolm Patterson led the discussion for the NRC assisted by Travis Chapman and C.J. Fong. At the conclusion of the meeting, Thomas Ray of Westinghouse indicated that he intends to present at the January 29, 2011 public meeting on the content of the D-RAP ITAAC closure package.

A list of meeting attendees is attached. The next Category 3 public meeting will be held on December 9, 2010 in the Two White Flint North Auditorium, in Rockville MD.

Members of the public were in attendance. Please direct any inquiries to Mahmoud Jardaneh at 301-415-2753, or Mahmoud.Jardaneh@nrc.gov.

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As Stated

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Mark Kowal

Richard Laura

Edmund Kleeh

James Gaslevic

Mahmoud Jardaneh

Calvin Cheung

Alan Blamey

Scott Freeman

Anthony Wilson

Malcolm Patterson

Travis Chapman

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NRO-001

OFFICE	NRO/CTSB/CIT	NRO/CTSB: BC
NAME	MJardaneh	MKowal
DATE	11/29/2010	11/30/2010

OFFICIAL AGENCY RECORD

Attendance List
Category 1 Public Meeting
November 3, 2010

Attendance List

Name	Organization
Blamey, Alan	NRC
Boch, Daniel	Mitsubishi
Budzensky, John	NRC
Chapman, Travis	NRC
Cheung, Calvin	NRC
Cruz-Ayala, Jorge	NRC
Evans, Matt	Westinghouse
Fong, C.J.	NRC
Gaslevic, James	NRC
Jardaneh, Mahmoud	NRC
Patterson, Malcolm	NRC
Ray, Thomas	Westinghouse
Szoch, Richard	UniStar
Uchiyama, Jim	MNES
Wheeler, Larry	NRC