April 29, 2010

MEMORANDUM TO: Tim Frye, Branch Chief
Construction Assessment, Enforcement, and Allegations Branch
Division of Construction Inspection
& Operational Programs
Office of New Reactors

FROM: Kevin Mattern, General Scientist ***/RA/***
Construction Assessment, Enforcement, and Allegations Branch
Division of Construction Inspection
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Office of New Reactors

PARTICIPANTS: Public, Industry, and NRC Staff

SUBJECT: SUMMARY OF THE APRIL 7, 2010, NRC DESIGN ACCEPTANCE CRITERIA CATEGORY 2 PUBLIC MEETING WITH THE INDUSTRY AND THE GENERAL PUBLIC

On April 7, 2010, the NRC, Office of New Reactors (NRO), held a public meeting to discuss various topics relating to Design Acceptance Criteria (DAC) inspection process development (Agencywide Documents Access and Management System (ADAMS) Accession Number ML100890164). The purpose of the meeting was to update members of the public on the progress of the DAC working group, and to solicit feedback from stakeholders regarding planned inspection activities including a tabletop exercise and pilot inspection with STP.

The meeting opened with remarks by Thomas Fredette, Construction Assessment, Enforcement and Allegations Branch (CAEB). Mr Fredette, with support provided by personnel from the Division of Engineering, Instrumentation and Control (I&C) Engineering Branch 2 , provided a briefing to South Texas Project (STP) representatives on specifics of the planned pilot DAC Inspection for the STP Units 3&4 Digital I&C design, currently scheduled to be conducted the week of June 21, 2010. The discussion included identifying the target Digital I&C DAC for inspection, an overview of the inspection team composition, and support expected from STP and its affiliates in order to coordinate and facilitate the pilot inspection. Mr. Fredette described the status and details related to Design Acceptance Criteria (DAC) task working group activities (ML100960622). Mr. Fredette briefly discussed the inspection process framework to be employed for the South Texas digital I&C DAC pilot inspection, details of the I&C DAC inspection procedure, and the planned schedule for the pilot inspection.

The staff identified the target DAC for the pilot inspection, which was selected from the ABWR DCD Tier 1 (Table 3.4), commensurate with the STP I&C design development schedule and availability. The target DAC (Items 7-10 from Table 3.4) include the Digital I&C design process Software Management Plan, the Software Configuration Management Plan, the Software Verification and Validation (V&V) Plan, and the Software Quality Assurance Plan. STP confirmed that these documents were available for inspection.

CONTACT: Kevin Mattern, NRO/DCIP/CAEB
301-415-662

In order to facilitate future DAC inspections related to the South Texas design, STP agreed to provide a correlation (mapping) of the South Texas DAC to the digital system/software life cycle development phases identified in the Standard Review Plan, Branch Technical Position 7-14. Additionally, STP would provide an update on Requirements Traceability Matrix status for the planned I&C platforms used in the South Texas design.

Members of the public were given opportunities to contribute to the open discussion. The NRC staff fielded questions related to the pilot inspection, a generic DAC inspection process for digital I&C in the other design centers, and the upcoming process tabletop exercise scheduled for May 2010. The staff reaffirmed intentions to have the draft DAC inspection procedure (with the Planning Phase inspection guidance) available for the tabletop exercise.

A list of meeting attendees is attached. The next DAC Category 2 public meeting will be held on May 25, 2010 from 9 a.m. to 12 p.m. at the NRC Headquarters in Rockville, MD.

Members of the public were in attendance and Public Meeting Feedback forms were distributed with none returned or submitted according to standard protocols. Please direct any inquiries to me at 301-415-6622, or Kevin.Mattern@nrc.gov.

Enclosures:
As stated

cc w/encl: See next page

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ADAMS Accession Number: ML101180285 NRC-001

OFFICE	NRO/DCIP/CAEB	NRO/DCIP/CAEB:BC
NAME	K. Mattern	T. Frye
DATE	04/28/10	04/29/10

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Attendance List
Category 2 Public Meeting (DAC)
Legacy Hotel
April 7, 2010

Attendance List

Name	Organization
Campbell, Patricia	NRC
Cheung, Calvin	NRC
Forbes, Julia	Progress Energy
Fredette, Tom	NRC
Frye, Tim	NRC
Jardaneh, Mahmoud	NRC
Jong, Ian	NRC
Keithline, Kimberly	NEI
Mattern, Kevin	NRC
Mizell, Fred	Southern Company
Raleigh, Deann	Scientech
Rund, Jonathan	Morgan Lewis
Scarola, Ken	Nuclear Automation Engineering, LLC
Swanner, Craig	MPR
Taneja, Dinesh	NRC
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ENCLOSURE

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