

November 5, 2008

MEMORANDUM TO: Richard Laura, Acting Chief
Construction Inspection & Allegation Branch
Division of Construction Inspection
& Operational Programs
Office of New Reactors

FROM: Ian Spivack **/RA/**
Construction Inspection & Allegation Branch
Division of Construction Inspection
& Operational Programs
Office of New Reactors

PARTICIPANTS: Public, Industry, and NRC Staff

SUBJECT: SUMMARY OF PUBLIC MEETING HELD ON OCTOBER 30, 2008, TO
DISCUSS ITAAC CLOSURE; AND ASSESSMENT AND
ENFORCEMENT FOR NEW REACTORS

The Construction Inspection and Allegations Branch of the Division of Construction Inspection and Operational Program (DCIP) in the Office of New Reactors (NRO) and Region II Construction Inspection Programs conducted a Category 3 meeting on October 30th, 2008, in Rockville, Maryland. The meeting was guided by DCIP and discussed:

- New Reactor Emergency Preparedness (EP) Inspection, Testing, Analysis, Acceptance Criteria (ITAAC) (Agency Wide Document Access Management System [ADAMS] ML082980290);
- New Reactor Security Design Certification and Combined License Application Reviews (ADAMS ML082980284);
- Health Physics ITAAC & Construction Inspection Procedures (ADAMS ML082980297);
- Enforcement and SECY Paper (SECY 08-0155);
- ITAAC Inspection Scheduling Update (ADAMS ML082980283);
- Design Acceptance Criteria (DAC) for Digital Instruments & Controls (ADAMS ML082980289);
- Maintaining ITAAC Conclusions (ADAMS ML083100236 and ADAMS ML083100260); and
- Overview of New Reactor Licensing Work (ADAMS ML083100246).

The meeting discussed these topics, was attended by members of the NRC headquarters, NRC Region II, the Nuclear Energy Institute (NEI), industry, Advisory Committee for Reactor Safety, Department of Energy, and the general public.

CONTACT: Ian Spivack, NRO/DCIP/CCIB
301-415-2564

The NRC presented EP ITAAC (ADAMS ML082980290). The presentation described the generic EP ITAAC concept, described site-specific EP ITAAC (Early Site Permit & Combined License (COL) applications), discussed benefits and challenges, and summarized current EP ITAAC use and path forward. The generic EP ITAAC concept was described in a SECY paper, Regulatory Guide, and a Standard Review Plan. Site specific EP ITAAC table for Vogle was discussed. There was a discussion regarding the number of ITAAC and closing out the individual acceptance criteria.

The NRC presented Security Design Certification and Combined License Application Reviews (ADAMS ML082980284). The presentation discussed the ongoing design certificate reviews for new reactors and four working groups related to design certification and licensing. The NRC is also updating the Standard Review Plan for Security which will include the new elements and features. A sample schedule was presented for the security review of applications on security measures. There was also a discussion on site specific and non-site specific security ITAAC.

The NRC presented Health Physics ITAAC & Construction Inspection Procedures (ADAMS ML082980297). The two major areas of review are radioactive effluence and radiation monitoring. Items related to Health Physics for the AP1000 design that were already reviewed and currently under review were discussed. The health physics inspection procedures are currently on the NRC website.

The NRC discussed the enforcement and assessment SECY paper (SECY 08-0155) that was discussed at the recent Commission meeting. Inspection Manual (IMC) 2505 (ADAMS ML082480602) and IMC 0613 (ADAMS ML082490463) were completed and put on the public website. IMC 0613 work in progress examples were brought to some previous workshops, but were not included in this version of IMC 0613. The next revision of IMC 0613 will incorporate these examples into the minor threshold. Enforcement Policy (ADAMS ML082800381) was issued for public comment. Future workshops will address cross cutting issues as they relate to safety culture. There will be a workshop in January 2009 to discuss the NRC's response to the Commission's direction on developing an agency-wide policy statement on safety culture.

The NRC discussed ITAAC Inspection Scheduling Update (ADAMS ML082980283). The NRC objective is to effectively plan ITAAC inspections and to integrate Primavera with Enterprise Project Management (EPM). Staff indicated that the construction schedule expected from industry will include predecessors linked to ITAAC completion milestones. The resulting list of predecessors, from a selected ITAAC milestone, will allow NRC inspectors to plan their field inspections. Industry also commented that they were using Version 6 of Primavera.

The NRC presented a follow up discussion from the previous public meeting on DAC for Digital Instruments & Controls (ADAMS ML082980289). DAC is a method for licensees to use changing technology in an application that is submitted as the technology turns over. One example of DAC were presented from the AP1000 Design Control Document, Revision 17. A digital Instruments & Controls interface diagram was discussed and how it related to other systems.

NEI presented Maintaining ITAAC Conclusions (ADAMS ML083100236). The licensees program will be used to maintain ITAAC. Maintaining Problem Identification and Resolution program was discussed. The Maintaining ITAAC Conclusions Flowchart (ADAMS ML083100260) was presented. Conversations and discussions centered around the Flowchart, but it was noted that the threshold by which the NRC should be notified during ITAAC maintenance issues needs to be further developed.

The NRC (Division of New Reactor Licensing) presented New Reactor Licensing Challenges (ADAMS ML083100246). An overview of Part 52 and the design centered review approach was discussed. Design certification delays will drive license schedules. Some of the challenges are incomplete applications, and revisions of submission dates. The importance of maintaining closed ITAAC until 52.103(g) was discussed and related to the hearing process.

The next Category 3 meeting will be held January 28th, 2009 at a location to be determined.

but it was noted that the threshold by which the NRC should be notified during ITAAC maintenance issues needs to be further developed.

The NRC (Division of New Reactor Licensing) presented New Reactor Licensing Challenges (ADAMS ML083100246). An overview of Part 52 and the design centered review approach was discussed. Design certification delays will drive license schedules. Some of the challenges are incomplete applications, and revisions of submission dates. The importance of maintaining closed ITAAC until 52.103(g) was discussed and related to the hearing process.

The next Category 3 meeting will be held January 28th, 2009 at a location to be determined.

Enclosure: Attendees List

DISTRIBUTION

PUBLIC

RidsOgcMailCenter

RidsRgn2MailCenter

RidsNroDcipCcib

R. Pascarelli

R. Laura

G. Khouri

RidsNroDcipCcibCCIBr/f

RidsRgn1MailCenterRidsAcrcAcnwMailCenter

RidsRgn4MailCenterRidsRgn3MailCenter

RidsNroDcipRidsOpaMail

RidsNroDcipCqvp

I. Spivack

ADAMS ACCESSION: Package: ML083100267, Public Meeting Notification – October 30, 2008: ADAMS ML082760762, Summary of October 30 public meeting: ADAMS ML0083100224, Rev 2, ITAAC Inspection Scheduling Update: ML082980283, Rev 1, New Reactor Security Design Certification and Combined License Application Reviews: ML082980284, Design Acceptance Criteria for Digital Instruments & Controls, ITAAC Closure Working Group: ML082980289, Emergency Planning ITAAC: ML082980290, Health Physics ITAAC & Construction Inspection Procedures: ML082980297, Maintaining ITAAC Conclusions (ADAMS ML083100236), Maintaining ITAAC Conclusions Flowchart (ADAMS ML083100260), New Reactor Licensing Challenges (ADAMS ML083100246).

OFFICE	NRO/DCIP/CCIB	NRO/DCIP/CCIB
NAME	ISpivack	RLaura
DATE	11/5/08	11/6/08

**Construction Inspection Program Assessment and Enforcement,
and ITTAC Closure Letter Workshop
October 30th, 2008**

Location: Legacy Hotel, Rockville, MD

Meeting Attendees

Name	Organization	Email
Roger Lanksbury	NRC	Roger.lanksbury@nrc.gov
Bruce Burgess	NRC	Bruce.burgess@nrc.gov
Glenn Tracy	NRC	Glenn.tracy@nrc.gov
Michael Webb	NRC	Michael.webb@nrc.gov
Ed Davis	Pegasus	edavis@pegasusgroup.us
Tony Cerne	NRC	Acc1@nrc.gov
Ron Gardner	NRC	rng2@nrc.gov
Patrick Boyle	NRC	Patrick.boyle@nrc.gov
Alan Torres	SCE+G	atorres@scana.com
Julie Giles	SCE+G	jmgiles@scana.com
Paul Stevens	Epsilon Systems	pstevens@epsilonsystes.com
Jim Gaslevic	NRC	james.gaslevic@nrc.gov
Jean Pierre Berger	EISF	jpberger@elfina.com
Terry Maxey	Accenture	terry.m.maxey@accenture.com
Wendy Rossman	Accenture	Wendy.rossman@accenture.com
Richard Szoch	Unistar	richard.l.szech@unistarnuclear.com
Theodore Fanelli	NRC	theodore.fanelli@nrc.gov
Sue Strosnider	BRC	Ssyzanne.strosnider@nrc.gov
Kenneth Chuck Wade	DOE	kenneth.wade@nuclear.energy.gov
Kimberly Keithline	NEI	kak@nei.org
Chuck Ogle	NRC	chuck.ogle@nrc.gov
George Bradshaw	PT&C	george.bradshaw@ptcinc.com
Luther Hill	PT&C	luther.hill@ptcinc.com
Stephen Burdick	Morgan Lewis	sburdick@morganlewis.com
Donald Lindgren	Westinghouse	lindgda@westinghouse.com
John Deblasio	Westinghouse	deblastio@westinhouse.com

Dan Votanchest	Enercon	dantanj@eneron.com
Andrew Persinko	NRC	andrew.persinko@nrc.gov
David Holler	MNES	david_holler@mnes_us.com
Tracey Bishop	DOE	tracey.bishop@nuclear.energy.gov
Michael Spencer	NRC	Michael.spencer@nrc.gov
Carl Weber	NRC	carl.weber@nrc.gov
Pete Lee	NRC	pete.lee@nrc.gov
Matthew Williams	Dominion	matthew.b.williams@dom.com
Benny Jose	NRC	benny.jose@nrc.gov
Doug Fitz Randolph	SL	douglas.fitzrandolph@smc.com
Ron La Vera	NRC	ronald.lavera@nrc.gov
Ralph Costello	NRC	ralph.costello@nrc.gov
Rick Costa	NRC	richard.costa@nrc.gov
Tony Gody	NRC	tony.gody@nrc.gov
Ron Albert	NRC	ronald.albert@nrc.gov
Bob Waxman	DOE	robert.waxman@hq.doe.gov
Wren Fowler	NRC	wren.fowler@nrc.gov
Robert Pascarelli	NRC	robert.pascarelli@nrc.gov
Alan Nelson	NEI	apn@nei.org
Alan Blamey	NRC	Alan.blamey@nrc.gov
Steve Blossom	STP	sdblossom@stpegs.com
Branda Waites	SNC	bwwaites@southernco.com
Gary Waldrep	Exelon	gary.waltrep@exeloncorp.com
Howard Wilchins	Epsilon Systems	hwilchiys@wilchins.com
Hamer Carter	Progress Energy	Hamer.carter@pgnmail.com
Larry Arnold	STP	ldarold@stpegs.com
Les Duncan	Areva	Leslie.duncan@areva.com
Paul Baker	Areva	paul.baker@areva.com
Debbie Johnson	Fluor	debbie.johnson@fluror.com
Chikashi Miyamoto	Toshiba	chikashi.miyameto@toshiba.co.jp
Thomas Ray	Westinghouse	raytj@westinghouse.com

Dale Garrison	Areva	Kenneth.garrison@areva.com
David Hastie	Shaw	David.hastie@shawgrp.com
Marco Ruligliano	TetraTech EC	Marco.rutigliano@tteci.com
Tom Kozak	NRC	Tjk4@nrc.gov
Junichi Uchiyama	MNES	Junichi_uchiyama@mnes_us.com
Larry Brown	SHAW	Lawrence.brown@shawgrop.com
Guy Daveant	Entergy	gdavant@entergy.com
John Oddu	Shaw	John.oddu@shawgrp.com
Hikaru Ogasuara	MNES	Hikaru_ogasawara@mnes_us.com
George Cicotte	NRC	George.cicotte@nrc.gov
Robert Lukes	NRC	Robert.lukes@nrc.gov
Ian Spivack	NRC	Ian.spivack@nrc.gov
Russ Bell	NEI	rjb@nei.org
Patricia Campbell	GE Hitachi	Patricial.campbell@ge.com
Jason Jennings	NRC	Jason.jennings@nrc.gov
Carolyn Fana	NRC	Carolyn.fane@nrc.gov
Pete Hernandez	NRC	Pete.hernandez@nrc.gov
Deann Ralegl	Sciotech	dralegh@scitech.com
John Maciejewski	INPO	Maciejewskijn@inpo.org
Thomas Fredette	NRC	Thmoas.fredlette@nrc.gov
Kimberly Corp	NRC	Kimberly.corp@nrc.gov
Girija Shukla	NRC	gss@nrc.gov
Terry Jackson	NRC	Terry.jackson@nrc.gov
Joe Ashcraft	NRC	Joseph.ashcraft@nrc.gov
Deirdrea Spoulding	NRC	Deidrea.spoulding@nrc.gov
Christine Antonesa	NRC	Chrstina.analnesa@nrc.gov
Nanette Gilles	NRC	Nanette.gilles@nrc.gov
David Matthews	NRC	David.matthews@nrc.gov
Jerry Wilson	NRC	Jerry.wilson@nrc.gov
Tim Dunkin	Energetics	tdurkin@energetics.com