



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

April 24, 2018

MEMORANDUM TO: Victor Hall, Branch Chief
Construction Inspection Program Branch
Division of Construction Inspection
and Operational Programs
Office of New Reactors

FROM: Michael Webb, Senior Reactor Operations Engineer /RA/
Construction Inspection Program Branch
Division of Construction Inspection
and Operational Programs
Office of New Reactors

SUBJECT: SUMMARY OF APRIL 12, 2018, PUBLIC MEETING TO
DISCUSS THE CONSTRUCTION INSPECTION PROGRAM

On April 12, 2018, the U.S. Nuclear Regulatory Commission (NRC) staff conducted a Category 3 public meeting at NRC headquarters with industry and members of the public to discuss the NRC Construction Inspection Program (CIP) for Vogtle, Units 3 and 4. During the meeting, the NRC staff discussed its efforts to inform the Vogtle licensee, Southern Nuclear Operating Company (SNC), of the status of NRC vendor inspections affecting Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC); the Vogtle Readiness Group (VRG) including AP 1000 Transition to Operations; and an overview of a draft revision to Office of New Reactors (NRO) Office Instruction (OI) NRO-REG-103, "Inspections, Tests, Analyses, and Acceptance Criteria Closure Verification Process (ICVP)." SNC provided an update on the construction status of its Vogtle, Units 3 and 4. The following summarizes each of the presentations:

- a. The meeting began with a presentation by NRC staff regarding ITAAC-related findings identified during vendor inspections. NRC regulations at Title 10 of the *Code of Federal Regulations* (10 CFR) 52.103(g) state that the "licensee shall not operate the facility until the Commission makes a finding that the acceptance criteria in the combined license are met." The NRC staff recently looked back at vendor inspection reports to determine whether every finding had been addressed in a manner to ensure that NRC has resolved all inspection issues with a potential to impact the 10 CFR 52.103(g) process. The staff identified instances in which there was a lack of sufficient information to demonstrate whether issues had been closed, ambiguities that left it unclear whether an ITAAC was affected by the vendor shortcoming described in the inspection report, and typographical errors. The staff provided a draft copy of the list of corrections relating to vendor

CONTACT: Michael Webb, NRO/DCIP/CIPB
301-415-1347

inspections from 2011 to 2016. The NRC staff plans to issue a public letter to SNC outlining these findings later this year. Details are available in the NRC staff presentation at Agencywide Documents Access and Management System (ADAMS) Accession No. [ML18102A195](#)).

- b. In the second presentation, NRC staff gave an overview of the staff's efforts to transition its regulatory oversight and licensing for Vogtle, Units 3 and 4 from construction to operations. Specifically the staff issued a charter on March 12, 2018, that instituted the Vogtle Readiness Group (VRG) to identify and resolve challenges in licensing, inspection, and regulatory challenges or gaps that could impact Vogtle's schedule. The members of the VRG include the Office of New Reactor (NRO), Region II, the Office of Nuclear Reactor Regulation, the Office of Nuclear Security and Incident Response, and the Office of the General Counsel. It is co-chaired by two NRO Division Directors and one Region II Division Director. The VRG will serve as the hub for communications with the Commission, the Executive Director for Operations and NRC offices, the licensee, and external stakeholders. The VRG charter is available at ADAMS Accession No. [ML181059A273](#). The NRC staff presentation is available at ADAMS Accession No. [ML18100A207](#).
- c. The next portion of the meeting was an NRC staff discussion related to a revision the staff is making to Office Instruction (OI) NRO-REG-103, "Inspections, Tests, Analyses, and Acceptance Criteria Closure Verification Process (ICVP)." The staff is making changes to the verification process based on implementation experience and two tabletop exercises. Major changes include the elimination of a 50 percent threshold for non-targeted ITAAC, elimination of a "potential problem" category of ITAAC closure notification, the reduced use of "insufficient information" letters, the implementation of public calls to resolve issues of insufficient information or ITAAC interpretations, and the development and implementation of dashboards for ITAAC Closure Notifications, ITAAC Post-Closure Notifications, and Uncompleted ITAAC Notifications. A draft version of OI NRO-REG-103 is available at ADAMS Accession No. [ML18093A124](#)). The NRC staff presentation is available ADAMS Accession No. [ML18100A208](#)).
- d. A representative from SNC provided construction updates for Vogtle, Units 3 and 4 (ADAMS Accession No. [ML18093A125](#)).

Enclosure:
List of Attendees

SUBJECT: SUMMARY OF APRIL 12, 2018, PUBLIC MEETING TO DISCUSS THE CONSTRUCTION INSPECTION PROGRAM Dated: April 24, 2018

DISTRIBUTION:

- Public
- WJones, RII
- RidsRgn2MailCenter
- MErnstes, RII
- JHeisserer, RII
- RidsOpaMail
- RidsOgcMailCenter
- RidsAcrcMailCenter
- RidsNsirDprDdep
- TMcGinty, NRO
- PKrohn, NRO
- NCovert, RII
- LDudes, RII
- PO'Bryan, NRO
- KKavanagh, NRO
- LKent, NRO
- TJackson, NRO
- JJimenez, NRO
- AJohnson, NRO

ADAMS Accession No.: ML18113A226 NRC-001

OFFICE	NRO/DCIP	NRO/DCIP
NAME	MWebb	VHall
DATE	04/23/2018	04/24/2018

OFFICIAL RECORD COPY

**NRC Public Meeting to Discuss Activities Related to the
Construction Inspection Program**

**Thursday, April 12, 2018 – 1:30 p.m. - 3:40 p.m.
Two White Flint Auditorium**

Name	Organization
Arora, Surinder	NRC/NRO
Bell, Russ	NEI
Colaccino, Joe	NRC/NRO
Dixon-Herrity	NRC/NRO
Fredette, Thomas	NRC/NRO
Gaslevic, Jim	NRC/NRO
Habib, Don	NRC/NRO
Hall, Victor	NRC/NRO
Issa, Alfred	NRC/NRR
Jackson, Terry	NRC/NRO
Johnson, Andrea	NRC/NRO
Kavanagh, Kerri	NRC/NRO
Kent, Lauren	NRC/NRO
Kleeh, Ed	NRC/NRO
Krohn, Paul	NRC/NRO
Lareynie, Olivier	NRC
McGinty, Tim	NRC/NRO
Nazario, Tomy	NRC/OCM
Patel, Pravin	NRC/NRO
Pugh, Amanda	SNC
Petrak, Thomas	SNC
Ray, Sheila	NRC/NRR
Spivack, Ian	NRC/NRO
Webb, Michael	NRC/NRO
Weber, Carl	NRC/NRO
Wilson, Josh	NRC/NRO
* Burg, Rob	Engineering Planning and Management, Inc.
* Coover, Nicole	NRC/Region II
* Freebairn, Bill	Platts
* Gardner, Dallas	SNC
* Jaworsky, Mari	Duke
* Loza, Paul	SNC
* Savvoir, Nicholas	NRC/NRO
* Scheetz, Maurin	NRC/NRO
* Spencer, Michael	NRC/OGC
* Stacy, Kara	SNC
* Welch, Chris	NRC/NRO

*Indicates remote participation via teleconference or webinar

Enclosure

Construction Inspection Program Mailing List

cc:

Mr. Edward L. Quinn
Longenecker and Associates
Utility Operations Division
23292 Pompeii Drive
Dana Point, CA 92629

Mr. Carl E. Parry, President
Utilities Service Alliance, Inc.
9200 Indian Creek Parkway
Suite 201
Overland Park, KS 66210

Mr. Lionel Batty
Nuclear Business Team
Graftech
12300 Snow Road
Parma, OH 44130

Mr. Robert E. Sweeney
IBEX ESI
4641 Montgomery Avenue
Suite 350
Bethesda, MD 20814

Ms. Michele Boyd
Legislative Director
Public Citizens Critical Mass Energy
and Environmental Program
215 Pennsylvania Avenue, SE
Washington, DC 20003

Mr. Gary Wright, Director
Division of Nuclear Facility Safety
Illinois Emergency Management Agency
1035 Outer Park Drive
Springfield, IL 62704

Mr. Ian M. Grant
Canadian Nuclear Safety Commission
280 Slater Street, Station B
P.O. Box 1046
Ottawa, Ontario
K1P 5S9

Ken Scarola
Nuclear Automation Engineering, LLC
3672 Pine Tree Ln.
Murrysville, PA 15668

Mr. Eugene S. Grecheck
Vice President
Nuclear Support Services
Dominion Energy, Inc.
5000 Dominion Blvd.
Glen Allen, VA 23060

Mr. Brendan Hoffman
Research Associate on Nuclear Energy
Public Citizens Critical Mass Energy and
Environmental Program
215 Pennsylvania Avenue, SE
Washington, DC 20003

Manager
GT-MHR Safety & Licensing
General Atomics Company
PO Box 85608
San Diego, CA 92186-5608

Mr. Ed Wallace, Project General Manager
PBMR Pty LTD
PO Box 9396
Centurion 0046
Republic of South Africa

Construction Inspection Programming Mailing List

(Revised 02/13/2017)

NAME	E-MAIL ADDRESS
Agarwal, Duli	duli.agarwal@hq.doe.gov
Ainger, Kenneth	kenneth.ainger@exeloncorp.com
Aitken, Steve	aitkensy@inpo.org
Ashkeboussi, Nima	nxa@nei.org
Austgen, Kati	kra@nei.org
Beard, James	james.beard@gene.ge.com
Barczak, Sara	sara@cleanenergy.org
Bedford, Brian	bedforbj@westinghouse.com
Bell, Russell	rjb@nei.org
Berger, J. Pierre	jean-pierre.berger@edf.com
Bergman, Jana	Jbergman@Curtisswright.com
Bessette, Paul	pbessette@morganlewis.com
Brooks, Marc	marc.brooks@dhs.gov
Bryant, Barry	barry.bryant@dom.com
Burdick, Stephen	sburdick@morganlewis.com
Butler, Skip	skip.butler@ge.com
Campbell, Patricia	patricial.campbell@ge.com
Carr, Jack	jack.carr@cbi.com
Carroll, Glenn	Atom.girl@nonukesyall.org
Clouser, Timothy	timothy.clouser@luminant.com
Cottingham, Ann	awc@nei.org
Cullington, E.	ecullington@earthlink.net
Cummins, Edward	cumminwe@westinghouse.com
Danielson, Gustave	bud.danielson@hq.doe.gov
Davis, Jim	jtdavis@southernco.com
DiTommaso, Sarah	ditomms@westinghouse.com
Dolley, Steven	steven_dolley@platts.com
Dohse, Andrew	dohseaf@westingtonhouse.com
Fay, Tom	tom.fay@fluor.com
Fertel, Marvin	msf@nei.org
Frantz, Stephen	sfrantz@morganlewis.com
Freebairn, William	William.freebairn@platts.com
Fuller, Justin	Justin.fuller@nrc.gov
Gaukler, Paul	paul.gaukler@pillsburylaw.com
Giles, M.	m Giles@entergy.com
Ginsberg, Ellen	ecg@nei.org
Gove, Patrick	govepa@bv.com
Gray, Susan	sgray@dnr.state.md.us
Gresham, James	greshaja@westinghouse.com
Gunter, Paul	paul@beyondnuclear.org
Gwyn, Dealis	dwgwyn@moxproject.com
Haines, Jay	jayhaines@tamu.edu
Halnon, Greg	ghalnon@firstenergycorp.com
Harrelson, Cade	jcharrel@southernco.com
Harvey, Mark	mwharvey1960@yahoo.com
Hastings, Peter	pshastings@duke-energy.com
Head, Jerald	gerald.head@ge.com

NAME	E-MAIL ADDRESS
Hegner, Joseph	joseph_hegner@dom.com
Heymer, Adrian	aph@nei.org
Hinds, David	david.hinds@ge.com
Horin, W.	whorin@winston.com
Howard, Danny	danny.r.howard@fluor.com
Huss, William	William.Huss@pillsburylaw.com
Jacobson, Shaun	shaun.jacobson@cbi.com
Jaworsky, Mari	mari.jaworsky@duke-energy.com
Jenkins, Susan	jenkinse@dhec.sc.gov
Kellenberger, Nick	Nicholas.kellenberger@scana.com
Kitchen, Robert	robert.kitchen@pgnmail.com
Kline, Steve	sulkline@bechtel.com
Klinvex, Michael	klinvem@westinghouse.com
Kray, Marilyn	marilyn.kray@exeloncorp.com
Landon, Christopher	landoncf@westinghouse.com
Laskowski, Lenny	leonard.laskowski@ge.com
Lejeune, Peter	plejeune@balch.com
Lewis, David	david.lewis@pillsburylaw.com
Lyman, Ed	elyman@ucsusa.org
Mahan, Howard	Chmahan@southernco.com
Maher, William	william.maher@fpl.com
Mariotte, Michael	nirsnet@nirs.org
Markert, John C.	cmarkert@nuscalepower.com
Marshall, Wanda	wanda.k.marshall@dom.com
McCabe, Brian	brian.mccabe@pgnmail.com
Medlock, Clint	mmedlock@southernco.com
Miller, Garry	garry.miller@pgnmail.com
Miller, Keith	Keith.j.miller@dom.com
Miras-Wilson, Rachel	rwilson@winston.com
Mitchell, Stanley	stanley.mitchell@exeloncorp.com
Moran, Mike	nucmike2002@yahoo.com
Morgan, Michael	Michael.Morgan5@ge.com
Morrow, Calvin	cemorrow@southernco.com
Murawski, John	murawski@newsobserver.com
Orthen, Richard	richard.orthen@nexteraenergy.com
Peterson, Scott	media@nei.org
Pitts, Al	al.pitts@unistarnuclear.com
Pleins, Ed	pleinsel@westinghouse.com
Popa, Markus	Markus.Popa@Hq.Doe.Gov
Quinn, Vanessa	vanessa.quinn@dhs.gov
Ray, Thom	raytj@westinghouse.com
Riccio, James	jim.riccio@wdc.greenpeace.org
Romashko, Darryl	dcromashko@tva.gov
Rubin, Michael	rubinmp@westinghouse.com
Saunders, Thomas	tsaunder@southernco.com
Schlaseman, Caroline	cschlaseman@mpr.com
Schumitsch, Walter	Walter.schumitsch@ge.com

NAME	E-MAIL ADDRESS
Smith, Tyson	trsmith@winston.com
Stan, Thomason,	stomasu@southernco.com
Sutton, Kathryn	ksutton@morganlewis.com
Tapia, Joseph	Joseph_tapia@mnes-us.com
Taylor, Larry	larry.taylor@pqnmail.com
Taylor, Marlene	marlene.taylor@exeloncorp.com
Temple, Robert	nuclaw@mindspring.com
Thomason, Stan	stomason@southernco.com
Thompson, Ryder	Ryder.Thompson@scana.com
Torres, Alan	atorres@scana.com
Travieso-Diaz, Matias	matias.travieso-diaz@pillsburylaw.com
Van Wyk, Jake	jacob.vanwyk@scana.com
Vaughn, Lisa	lfvaughn@duke-energy.com
Waites, Brandon	bwwaites@southernco.com
Waltman, C.	cwaltman@roe.com
Warren, Jim	jim@ncwarn.org
Wessel, Ronald	wesselrp@westinghouse.com
Woodlan, Donald	donald.woodlan@luminant.com
Yox, Michael	myox@southernco.com
Zinke, George	gzinke@entergy.com
	arp@nei.org
	bpgarde@aol.com
	dashurberg@hpacorp.com
	hundrupa@gao.gov
	jfulto1@entergy.com
	jrfergus@duke-energy.com
	llbauman@aol.com
	lynchje@inpo.org
	pdblanch@comcast.net
	sbhaber@hpacorp.com

NOTE: For all changes to the Construction Inspection Program Mailing or E-mail List, please contact Debbie McCain by calling 301-415-1219 or by e-mail, debra.mccain@nrc.gov.