

June 7, 2010

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

FROM: Kevin Mattern, Physical Scientist */RA/*
Construction Assessment, Enforcement, & Allegations Branch
Division of Construction Inspection
& Operational Programs
Office of New Reactors

PARTICIPANTS: Public, Industry, and NRC Staff

SUBJECT: SUMMARY OF MAY 26, 2010, NRC CONSTRUCTION REACTOR
OVERSIGHT PROCESS (cROP) CATEGORY 2 PUBLIC MEETING
WITH THE INDUSTRY AND THE GENERAL PUBLIC

On May 26, 2010, the NRC Construction Reactor Oversight Process (cROP) Working Group (WG) met with the cROP Task Force led by the Nuclear Energy Institute (NEI) and interested members of the public at the Hilton Hotel in Rockville, MD (Agencywide Documents Access and Management System (ADAMS) Accession Number ML101380219). The purpose of the meeting was to continue discussions regarding the oversight and assessment of new commercial reactor construction. The NRC cROP WG is led by Tom Kozak, NRO, and the cROP Task Force is led by Tom Houghton, NEI.

The meeting began with remarks by Tom Kozak who described the cROP working group's activities to date along with their planned future interactions with both internal and external stakeholders. The working group continued discussions regarding the Significance Determination Process (SDP) which is being developed to determine the significance of findings identified during implementation of the construction inspection program.

Mr. Kozak described a draft SDP process flow chart for construction (ML101440333; ML101460179) developed by the NRC Working Group. The SDP flow chart describes paths to escalate findings from green to white, yellow, or red, depending on the answers to specific questions. Tom also discussed a cROP risk matrix (ML101440325; ML101460169). The risk matrix is an alternate approach to determine the significance of construction findings, which aims to be more risk informed and objective, by asking similar but more detailed questions than the flow chart format. It uses a matrix approach with "degree of non-conformance" on the y-axis and "risk importance" on the x-axis."

CONTACT: Kevin Mattern, NRO/DCIP/CAEB
301-415-6622

T. Frye

- 2 -

This approach examines the quality of construction, extent of onsite review prior to identification and corrective actions, along with defense-in-depth and PRA importance.

During the meeting, a revised SDP flow chart (ML101460558) was developed based on feedback and discussions during the meeting. The cROP Working Group plans to evaluate the varied SDP proposals and will continue discussions regarding SDP development in future public meetings. Additionally, escalated enforcement cases (ML101120171) were also discussed as inputs to test and calibrate the SDP in future public meetings.

A list of meeting attendees is attached. The cROP Working Group will discuss its progress and continue developmental discussions at the next Category 2 public meeting which will be held on June 16, 2010 from 1:00 p.m. to 4:00 p.m. at the Legacy Hotel in Rockville, MD. Additionally, the cROP will be discussed at the next Construction Inspection Program (CIP) Category 3 public meeting scheduled for July 1, 2010 at NRC Headquarters (TWFN Auditorium) 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

T. Frye

- 2 -

This approach examines the quality of construction, extent of onsite review prior to identification and corrective actions, along with defense-in-depth and PRA importance.

During the meeting, a revised SDP flow chart (ML101460558) was developed based on feedback and discussions during the meeting. The cROP Working Group plans to evaluate the varied SDP proposals and will continue discussions regarding SDP development in future public meetings. Additionally, escalated enforcement cases (ML101120171) were also discussed as inputs to test and calibrate the SDP in future public meetings.

A list of meeting attendees is attached. The cROP Working Group will discuss its progress and continue developmental discussions at the next Category 2 public meeting which will be held on June 16, 2010 from 1:00 p.m. to 4:00 p.m. at the Legacy Hotel in Rockville, MD. Additionally, the cROP will be discussed at the next Construction Inspection Program (CIP) Category 3 public meeting scheduled for July 1, 2010 at NRC Headquarters (TWFN Auditorium) 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

DISTRIBUTION:

PUBLIC	RidsNroDcipCcib	RidsRgn2MailCenter
CCIB r/f	RidsNroDcipCtsb	RidsOgcMailCenter
RidsNroDcip	RidsOpaMail	RidsAcrcAcnwMailCenter
RidsNsirDprDdep	Tim Frye	Tom Kozak
Jim Beardsley	Kevin Mattern	Glenn Meyer
Jose Jimenez	Terrence Barry	Ron Schmitt
Tom Bilik	George Gardner	Roger Lanksbury
Bob Lukes	Kevin Roche	Bob Latta
Don Dube	Scott Sullivan	Ron Frahm

ADAMS Accession Number: ML101550213 NRC-001

OFFICE	NRO/DCIP/CAEB	NRO/DCIP/CAEB:BC
NAME	K. Mattern	T. Frye
DATE	06/04/10	06/07/10

OFFICIAL RECORD COPY

Attendance List
Category 2 Public Meeting (cROP)
Hilton Hotel
May 26, 2010

Attendance List

Name	Organization
Bryant, Barry	Dominion
Dube, Don	NRC
Frahm, Ronald	NRC
Gardner, George	NRC
Gibson, Greg	UniStar
Gwyn, Dealis	MOX
Hastie, David	Shaw Group
Houghton, Tom	NEI
Kerr, Chris	Exelon
Kozak, Tom	NRC
Lanksbury, Roger	NRC
Latta, Bob	NRC
Lukes, Bob	NRC
Mattern, Kevin	NRC
Meyer, Glenn	NRC
Ray, Thom	Westinghouse
Rice, April	SCE&G
Robillard, Dave	PSEG Nuclear LLC
Rund, Jonathon	Morgan Lewis
Schlaseman, Caroline	MPR/TANE
Schmitt, Ron	NRC
Sinks, Donna	NRC
Taylor, Larry	Progress Energy

Construction Inspection Program Mailing List

(Revised 5/3/2010)

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
Energy Program 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

Mr. Paul Leventhal
Nuclear Control Institute
1000 Connecticut Avenue, NW
Suite 410
Washington, DC 20036

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, General Manager
Projects
PBMR Pty LTD
PO Box 9396
Centurion 0046
Republic of South Africa

Mr. Dobie McArthur
Director, Washington Operations
General Atomics
1899 Pennsylvania Avenue, NW, Suite 300
Washington, DC 20006

Mr. Ron Simard
6170 Masters Club Drive
Suwanee, GA 30024

David L. Robillard
Principal Nuclear Engineer
PO Box 236, M/C NDC7
Hancocks Bridge, NJ 08038

Construction Inspection Program Mailing List

Email

APAGLIA@Scana.com (Al Paglia)
APH@NEI.org (Adrian Heymer)
awc@nei.org (Anne W. Cottingham)
barry.bryant@dom.com (Barry Bryant)
BrinkmCB@westinghouse.com (Charles Brinkman)
Carellmd@westinghouse.com (Mario D. Carelli)
carey.fleming@constellation.com (Carey Fleming)
charles.bagnal@ge.com (Charles Bagnal)
chris.maslak@ge.com (Chris Maslak)
christian.martel@aerojoule.com (Christian Martel)
cschlaseman@mpr.com (Caroline Schlaseman)
CumminWE@Westinghouse.com (Edward W. Cummins)
cwaltman@roe.com (C. Waltman)
david.hastie@shawgrp.com (David Hastie)
david.hinds@ge.com (David Hinds)
david.lewis@pillsburylaw.com (David Lewis)
debbie.johnson@fluor.com (Debbie Johnson)
dwgwyn@moxproject.com (Dealis Gwyn)
donald.woodlan@luminant.com (Donald Woodlan)
draleigh@scientech.com (Deann Raleigh)
ecullington@earthlink.net (E. Cullington)
eddie.grant@excelservices.com (Eddie Grant)
erg-xl@cox.net (Eddie R. Grant)
garry.miller@pgnmail.com (Garry D. Miller)
gcesare@enercon.com (Guy Cesare)
GovePA@BV.com (Patrick Gove)
greshaja@westinghouse.com (James Gresham)
gwcurtis2@tva.gov (G. W. Curtis)
gzinke@entergy.com (George Alan Zinke)
james.beard@gene.ge.com (James Beard)
jason.parker@pillsburylaw.com (Jason Parker)
jean-pierre.berger@edf.com (J Pierre Berger)
jerald.head@ge.com (Jerald G. Head)
jgutierrez@morganlewis.com (Jay M. Gutierrez)
jim.riccio@wdc.greenpeace.org (James Riccio)
jim@ncwarn.org (Jim Warren)
JINesrsta@cpsenergy.com (James J. Nesrsta)
john.oddo@shawgrp.com (John Oddo)
John.O'Neill@pillsburylaw.com (John O'Neill)
Joseph_Hegner@dom.com (Joseph Hegner)
junichi_uchiyama@mnes-us.com (Junichi Uchiyama)
KSutton@morganlewis.com (Kathryn M. Sutton)
kwaugh@impact-net.org (Kenneth O. Waugh)
larry.taylor@pgnmail.com (Larry Taylor)
lchandler@morganlewis.com (Lawrence J. Chandler)
Marc.Brooks@dhs.gov (Marc Brooks)
maria.webb@pillsburylaw.com (Maria Webb)

marilyn.kray@exeloncorp.com
mark.beaumont@wsms.com (Mark Beaumont)
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)
media@nei.org (Scott Peterson)
mgiles@entergy.com (M. Giles)
mike_moran@fpl.com (Mike Moran)
MSF@nei.org (Marvin Fertel)
murawski@newsobserver.com (John Murawski)
mwetterhahn@winston.com (M. Wetterhahn)
nirsnet@nirs.org (Michael Mariotte)
patriciaL.campbell@ge.com (Patricia L. Campbell)
paul.gaukler@pillsburylaw.com (Paul Gaukler)
Paul@beyondnuclear.org (Paul Gunter)
pshastings@duke-energy.com (Peter Hastings)
raytj@westinghouse.com (Thom Ray)
rclary@scana.com (Ronald Clary)
regservices@scientech.com (Reg Service)
RJB@NEI.org (Russell Bell)
RKTemple@cpsenergy.com (R.K. Temple)
robert.kitchen@pgnmail.com (Robert H. Kitchen)
sabinski@suddenlink.net (Steve A. Bennett)
sandra.sloan@areva.com (Sandra Sloan)
SauerB@BV.com (Robert C. Sauer)
sfrantz@morganlewis.com (Stephen P. Frantz)
skip.butler@ge.com (Skip Butler)
stephan.moen@ge.com (Stephan Moen)
steven.hucik@ge.com (Steven Hucik)
Support@SaporitoEnergyConsultants.com (Thomas Saporito)
trsmith@winston.com (Tyson Smith)
Vanessa.quinn@dhs.gov (Vanessa Quinn)
VictorB@bv.com (Bill Victor)
Wanda.K.Marshall@dom.com (Wanda K. Marshall)
whorin@winston.com (W. Horin)
William.maher@fpl.com (William Maher)

(From DCIP list)

kenneth.ainger@exeloncorp.com (Kenneth Ainger)
jaudis1@txu.com (John Audas)
llbauman@aol.com
darin.benyak@pseg.com (Darin Benyak)
pdblanch@comcast.net (Paul Blanch)

barry.bryant@dom.com (Barry Bryant)
timothy.clouser@luminant.com (Timothy Clouser)
david_m_collins@dom.com (David Collins)
tdcosby@tva.gov (Thomas D. Cosby)
mtc@nei.org (Mike Coyle)
steven_dolley@platts.com (Steven Dolley)
cxe@nei.org (Chris Earls)
jrfergus@duke-energy.com (J. Robert Ferguson)
fitzpatrickwe@inpo.org (Bill Fitzpatrick)
mark.flaherty@constellation.com (Mark Flaherty)
frickwg@songs.sce.com (Willis Frick)
equinox.consulting.llc@earthlink.net (Eric Fries)
jfulto1@entergy.com (Jack Fulton)
bpgarde@aol.com (Billie Garde)
ecg@nei.org (Ellen Ginsberg)
sbhaber@hpacorp.com (Sonja Haber)
ghalnon@firstenergycorp.com (Greg Halnon)
kah@nei.org (Tony Harris)
dllaberdee@firstenergycorp.com (Dee Haskins)
hlhay@bethel.com (Howard Lane Hay)
hundrupa@gao.gov (Alyssa Hundrup)
wrkanda@firstenergycorp.com (Bill Kanda)
kolarick@gao.gov (Carol Kolarik)
howard_levin@msn.com (Howard Levin)
lynchje@inpo.org (Jim Lynch)
rich.mallory@eh.doe.gov (Rich Mallory)
fcmashburn@tva.gov (Fred Mashburn)
brian.mccabe@pgnmail.com (Brian McCabe)
wemookhoeke@stpegs.com (W.E. Mookhoek)
arp@nei.org (Tony Pietrangelo)
caprice@firstenergycorp.com (Clark A. Price)
dreпка@winston.com (David Repka)
elliott.rosenfeld@dep.state.nj.us (Elliot Rosenfeld)
dashurberg@hpacorp.com (Debbie Shurberg)
strikkersd@gao.gov (Dave Strickers)
jrsumpt@nppd.com (Jim Sumpter)
marlene.taylor@exeloncorp.com (Marlene Taylor)
satconsult@msn.com (Spyros Traiforos)
ctyler@winston.com (Catherine Tyler)
lfvaughn@duke-energy.com (Lisa Vaughn)
dwoodla1@txu.com (D.R. Woodlan)
zemenskir@dtenergy.com (Robert Zemenski)
kenneth.wade@nuclear.energy.gov (Kenneth Chuck Wade)
jim_sommerville@mail.dnr.state.ga.us (Jim Sommerville)
jenkinse@dhec.sc.gov (Susan Jenkins)
alice.rogers@dshs.state.tx.us (Alice Rogers)
elyman@ucsusa.org (Ed Lyman)
sgray@dnr.state.md.us (Susan Gray)
GWilliams@coreworxinc.com (Glenn Williams)

