

February 17, 2016

MEMORANDUM TO: Tanya Smith, Acting Chief
New Reactor Rulemaking and Guidance Branch
Division of Engineering, Infrastructure and Advanced Reactors
Office of New Reactors

FROM: Mark D. Notich, Project Manager **/RA/**
New Reactor Rulemaking and Guidance Branch
Division of Engineering, Infrastructure and Advanced Reactors
Office of New Reactors

SUBJECT: SUMMARY OF PUBLIC MEETING CONCERNING COMMENTS
ON DRAFT STANDARD REVIEW PLAN SECTION 18.0, HUMAN
FACTORS ENGINEERING, JANUARY 7, 2016

The U.S. Nuclear Regulatory Commission (NRC) staff held a public meeting starting at 9:00 AM on January 7, 2016, at the NRC Headquarters in Rockville, MD to discuss public comments on the draft version of Standard Review Plan (SRP), Section 18.0, "Human Factors Engineering." The meeting was a Category 3 meeting indicating that members of the public were invited to contribute and comment during the meeting. The meeting was requested by the Nuclear Energy Institute (NEI) in order to discuss their comments on SRP Section 18.0 with the staff.

The public meeting announcement for the meeting can be found at Agencywide Documents Access and Management System (ADAMS) Accession No. ML15344A074. The NRC presentation slides for the meeting can be found at ADAMS Accession No. ML15357A256. The NEI Industry questions on Draft SRP Section 18.0, "Human Factors Engineering," can be found at ADAMS Accession No. ML15356A277.

The meeting consisted of the NRC staff responding to and discussing its position concerning the NEI industry questions as put forth in ADAMS Accession No. ML15356A277. Several action items were developed for the NRC staff. These action items include:

CONTACT: Mark D. Notich, NRO/DEIA
301-415-3053
Mark.Notich@nrc.gov

T. Smith

- 2 -

1. To address a comment from Vogtle, determine if there is a basis for the statement in the SRP draft that requires analysis of accidents not in the Final Safety Analysis Report. If there is a sufficient basis, then it may remain; otherwise, if there is not, it should be removed from the SRP draft.
2. Evaluate the removal of references to Tier 2* information.
3. Consider providing guidance in the SRP about requesting justification for design acceptance criteria that may not align with the guidance written in SECY 92-053. Page 18.0-14 of the draft may need to be clarified.

The meeting was adjourned at 11:00 AM.

Enclosure:
List of attendees

T. Smith

- 3 -

1. To address a comment from Vogtle, determine if there is a basis for the statement in the SRP draft that requires analysis of accidents not in the Final Safety Analysis Report. If there is a sufficient basis, then it may remain; otherwise, if there is not, it should be removed from the SRP draft.
2. Evaluate the removal of references to Tier 2* information.
3. Consider providing guidance in the SRP about requesting justification for design acceptance criteria that may not align with the guidance written in SECY 92-053. Page 18.0-14 of the draft may need to be clarified.

The meeting was adjourned at 11:00 AM.

Enclosure:
List of attendees

cc: w/encl., see next page

DISTRIBUTION:

PUBLIC
 NRGB R/F
 NNotich,
 TSmith,
 PPiering
 BAbeywickrama,
 RidsNroOd
 RidsNroDeiaNrgb
 RidsNroDcip
 RidsOgcMailCenter
 RidsAcrsAcnwMailCenter

ADAMS ACCESSION No.: ML16027A208

***via email**

NRO-002

OFFICE	PM:NRO/DEIA/NRGB	LA:NRO/DEIA/NRGB	NRO/DCIP
NAME	MNotich*	BAbeywickrama*	PPiering*
DATE	02/17/2016	02/1/2016	02/17/16

OFFICIAL RECORD

LIST OF MEETING ATTENDEES
JANUARY 7, 2016

Name	Organization
Paul Pieringer	NRC/NRO
Lauren Kent	NRC/NRO
Mark Notich	NRC/NRO
Kathleen Podolak	NRC/NRO
Kimyata Morgan Butler	NRC/NRO
Marcia Carpentier	NRC/OGC
Steve Pope	NuScale
Gary Becker	NuScale
Tim Tovar	NuScale
Paul Kumar	NuScale
Marc Nichols	NEI
Peter Hastings	TVA
Steve Schilthem	BWXT
Amir Aflazi,	Southern Nuclear
Frank Novak,	GE-Hitachi
Marvin Lewis	private citizen

NEI New Reactors Mailing List

(Revised 08/25/2015)

cc:

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

NEI New Reactors Mailing List

Email

4pareez@gmail.com
Alan.Levin@areva.com (Alan Levin)
alsterdis@tva.gov (Andrea Sterdis)
awc@nei.org (Anne W. Cottingham)
awyche@bechtel.com (Altheia Wyche)
bellesrj@ornl.gov (Randall Belles)
bendoj@asme.org (John Bendo)
Betsy Langille (ealangille@tva.gov)
bevans@enercon.com (Bob Evans)
bevardbb@ornl.gov (Bruce Bevard)
Bojan.Petrovic@gatech.edu (Bojan Petrovic)
brian.turner@oca.iowa.gov (Brian Turner)
BSims@Becht.com (Robert Sims)
bwwaites@southernco.com (Brandon Waites)
carey.fleming@cenglic.com (Carey Fleming)
ccmsc@verizon.net (Mike Callahan)
cee@nei.org
charles.bagnal@ge.com (Charles Bagnal)
collinlj@westinghouse.com (Leslie Collins)
cposlusny@babcock.com (Chester Poslusny)
CumminWE@Westinghouse.com (Edward W. Cummins)
curtisslaw@gmail.com (Jim Curtiss)
cwaltman@roe.com (C. Waltman)
david.distel@exeloncorpo.com (David J. Distel)
david.hinds@ge.com (David Hinds)
david.lewis@pillsburylaw.com (David Lewis)
david.newland@cnsccsn.gc.ca (David Newland)
dchapin@mpr.com (Douglas Chapin)
DeLaBarreR@state.gov (R. DeLaBarre)
dianed@nirs.org (Dianed)
dominiquef@nirs.org (Dominique French)
don.tormey@iub.iowa.gov
donald.woodlan@luminant.com (Donald Woodlan)
dpstout@tva.gov (Daniel P. Stout)
draleigh@curtisswright.com (Denna Raleigh)
ecullington@earthlink.net (E. Cullington)
ed.burns@earthlink.net (Ed Burns)
eddie.grant@excelservices.com (Eddie Grant)
elyman@ucsusa.org (Ed Lyman)
erg-xl@cox.net (Eddie R. Grant)
esmith@moenviron.org (Edward Smith)
ewallace@nuscalepower.com (Ed Wallace)
F.Shahrokhi@areva.com (Farshid Shahrokhi)
fletcher@exchangemonitor.com

NEI New Reactors Mailing List

garent@tva.gov (Gordon Arent)
George_Stramback@Charter.net (George Stramback)
ggeaney@mpr.com (George Geaney)
GovePA@BV.com (Patrick Gove)
gyoung4@entergy.com (Garry Young)
hankwon.choi@wgint.com (Hankwon Choi)
hickste@earthlink.net (Thomas Hicks)
hwilchins@epsilonsystems.com (Howard Wilchins)
jack.kasper@parsons.com (Jack Kasper)
jahalfinger@babcock.com (Jeff Halfinger)
james1.beard@ge.com (James Beard)
james2.ross@ge.com (James Ross)
jason.parker@pillsburylaw.com (Jason Parker)
jennifer.easler@oca.iowa.gov (Jennifer Easler)
jerald.head@ge.com (Jerald Head)
jgutierrez@morganlewis.com (Jay M. Gutierrez)
Jim.Kinsey@inl.gov (James Kinsey)
jim.sundermeyer@iub.iowa.gov
jmr@nei.org (Jeannie Rinckel)
JNR@NuScalePower.com (Jose N. Reyes)
john.elnitsky@pgnmail.com (John Elnitsky)
john.holt@nreca.coop (John Holt)
john.oneill@pillsburylaw.com (John O'Neill)
Joseph_Hegner@dom.com (Joseph Hegner)
jrappe@nuscalepower.com (Jodi Rappe)
jwh@nei.org (Jerry Hiatt)
jwh1@nreca.coop (John Holt)
kahtan1234@yahoo.com
KAK@nei.org (Kimberly Keithline)
kerri.johannsen@iub.iowa.gov
klingscl@westinghouse.com (Charles Kling)
kouhestani@msn.com (Amir Kouhestani)
kra@nei.org (Katie Austgen)
KSutton@morganlewis.com (Kathryn M. Sutton)
kwaugh@impact-net.org (Kenneth O. Waugh)
Kwelter@NuScalePower.com (Kent Welter)
larry.stevens@iub.iowa.gov
lchandler@morganlewis.com (Lawrence J. Chandler)
libby.jacobs@iub.iowa.gov
mack.thompson@iub.iowa.gov
marcel.deVos@cnsccsn.gc.ca (Marcel DeVos)
marilyn.kray@exeloncorp.com
mark.holbrook@inl.gov (Mark Holbrook)
martha.shields@nuclear.energy.gov (Martha Shields)
media@nei.org (Scott Peterson)

NEI New Reactors Mailing List

mgiles@entergy.com (M. Giles)
mirskys@saic.com (Steven Mirsky)
MSF@nei.org (Marvin Fertel)
murawski@newsobserver.com (John Murawski)
nirsnet@nirs.org (Michael Mariotte)
Nuclaw@mindspring.com (Robert Temple)
P.Stefanovic@Holtec.com (Peter Stefanovic)
parveen.baig@iub.iowa.gov
patriciaL.campbell@ge.com (Patricia L. Campbell)
paul.gallagher@parsons.com (Paul Gallagher)
Paul@beyondnuclear.org (Paul Gunter)
pbessette@morganlewis.com (Paul Bessette)
pcarlone@mpr.com (Pete Carlone)
peter@hastings-group.com (Peter Hastings)
phg@nei.org (Paul Genoa)
PLorenzini@NuScalePower.com (Paul Lorenzini)
poorewpiil@ornl.gov (Willis P. Poore III)
pshastings@tva.gov (Peter Hastings)
ramana@Princeton.EDU (M. V. Ramana)
rbarrett@astminc.com (Richard Barrett)
richard.sweigart@duke-eneergy.com (Richard Sweigart)
RJB@NEI.org (Russell Bell)
robert.haemer@pillsburylaw.com (Robert Haemer)
robert.kitchen@pgnmail.com (Robert H. Kitchen)
ronald.polle@oca.iowa.gov
rritzman@firstenergycorp.com (R. Ritzman)
RSnuggerud@NuScalePower.com (Ross Snuggerud)
rxm@nei.org (Rod McCullum)
sabinski@suddenlink.net (Steve A. Bennett)
sfrantz@morganlewis.com (Stephen P. Frantz)
shobbs@enercon.com (Sam Hobbs)
siciliatom@hotmail.com (Mark Campagne)
stephan.moen@ge.com (Stephan Moen)
stephen.markus@pillsburylaw.com (Stephen Markus)
steven.hamrick@fpl.com (Steven Hamrick)
swender@FirstEnergyCorp.com (Samuel Wender IV)
swkline@bechtel.com (Steve Kline)
tedquinn@cox.net (Ted Quinn)
tgado@roe.com (Burns & Roe)
timothy.beville@nuclear.energy.gov (Timothy Beville)
tjhester@midamerican.com (Tom J. Hester)
tjk@nei.org (T.J. Kim)
tom.miller@nuclear.energy.gov (Thomas P. Miller)
troche@absconsulting.com (Thomas Roche)
trsmith@winston.com (Tyson Smith)

NEI New Reactors Mailing List

Vanessa.quinn@dhs.gov (Vanessa Quinn)
vince.gilbert@excelservices.com (Vince Gilbert)
vka@nei.org (Victoria Anderson)
Wanda.K.Marshall@dom.com (Wanda K. Marshall)
wayne.marquino@ge.com (Wayne Marquino)
whorin@winston.com (W. Horin)
william.mcint.com (William Mctigue)
wwbx@hyperionpowergeneration.com (Willis Bixby)
x2gabeck@southernco.com (Gary Becker)