

December 2, 2010

MEMORANDUM TO: Stewart L. Magruder  
Advanced Reactors Branch 2  
Advanced Reactor Program  
Office of New Reactors

FROM: Yanely Malave, Project Manager */RA/*  
Advanced Reactors Branch 2  
Advanced Reactor Program  
Office of New Reactors

SUBJECT: FORTHCOMING PUBLIC MEETING WITH TENNESSEE VALLEY  
AUTHORITY REGARDING KEY ASSUMPTIONS LETTER FOR THE  
POSSIBLE LICENSING AND CONSTRUCTION OF A SMALL  
MODULAR REACTOR AT THE CLINCH RIVER SITE

DATE AND TIME: Tuesday, December 14, 2010  
1:00 p.m. – 4:00 p.m.

LOCATION: ~~TBD~~  
**The Legacy Hotel & Meeting Center  
The Georgetown Room  
1775 Rockville Pike  
Rockville, MD 20851**

PURPOSE: Discuss the key assumptions, benefits and challenges associated with  
Tennessee Valley Authority's (TVA) proposal for possible licensing and  
construction of mPower modules at the Clinch River site. This  
discussion will help clarify the TVA's assumptions associated with the  
Part 50 and Part 52 licensing components of this effort.

CATEGORY 1:\* This is a Category 1 meeting. The public is invited to observe this  
meeting and will have one or more opportunities to communicate with  
the Nuclear Regulatory Commission (NRC) after the business portion  
but before the meeting is adjourned.

MEETING CONTACT: Yanely Malave, NRO/ARP  
301-415-1519  
yanely.malave@nrc.gov

\* Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings," (67 FR 36920) May 28, 2002

S. Magruder

-2-

PARTICIPANTS: Participants from the NRC include members of the Office of New Reactors (NRO) and the Office of Nuclear Regulatory Research (RES).

NRC

Michael Mayfield, NRO  
S. Magruder, NRO  
J. Starefos, NRO  
Y. Malave NRO, et al.

TVA

Andrea Sterdis, TVA  
Gordon Arent, TVA

Project No.: 0785

Enclosure: Agenda

cc: See next page

S. Magruder

-2-

PARTICIPANTS: Participants from the NRC include members of the Office of New Reactors (NRO) and the Office of Nuclear Regulatory Research (RES).

NRC

Michael Mayfield, NRO  
S. Magruder, NRO  
J. Starefos, NRO  
Y. Malave NRO, et al.

TVA

Andrea Sterdis, TVA  
Gordon Arent, TVA

Project No.: 0785

Enclosure: Agenda

cc: See next page

DISTRIBUTION

PUBLIC

OWFN Security Reception Desk  
TWFN Security Reception Desk  
RidsNroArp Resource  
RidsNroArpArb1\_2 Resource  
RidsAcrsAcnw\_MailCTR Resource  
RidsOgcMailCenter Resource  
RidsOpaMail Resource  
NGilles, NRO  
SMagruder, NRO  
MMayfield, , NRO  
WReckley, NRO  
JWilson, NRO

**ADAMS ACCESSION No.: ML103360316**

**NRC-001**

OFFICE	PM:NRO/ARP/ARB2	PM:NRO/ARP/ARB2
NAME	YMalave/dlj	JStarefos
DATE	12/2/10	12/2/10

**OFFICIAL RECORD COPY**

**TENTATIVE AGENDA  
TENNESSEE VALLEY AUTHORITY (TVA) MEETING WITH NRC  
September 23, 2010  
December 14, 2010**

<b>Time</b>	<b>Topic</b>	<b>Lead</b>
1:00 p.m. – 1:10 p.m.	Opening Remarks & Introductions	NRC
1:10 p.m. – 1:30 p.m.	<u>Discuss Assumption 1</u> : <i>Use of the 10 CFR Part 50 licensing process</i>	NRC/TVA
1:30 p.m. – 2:00 p.m.	<u>Discuss Assumption 2</u> : <i>States that TVA would develop a preliminary safety analysis report (PSAR) using Regulatory Guide 1.70, Revision 3, issued November 1978, and would include an evaluation of the facility against the SRP revision in effect six months prior to making application for the Construction Permits. The application would include an environmental report addressing the Environmental Standard Review Plan guidance in NUREG 1555.</i>	NRC/TVA
2:00 p.m. – 2:30 p.m.	<u>Discuss Assumption 3</u> : <i>The utilization of a “One Design – One Review” NRC license review process.</i>	NRC/TVA
2:30 p.m.- 2:45 p.m.	Break	
2:45 p.m. – 3:10 p.m.	<u>Discuss Assumption 4</u> : <i>10 CFR Part 30, 40, 50, and 70 license applications would be combined.</i>	NRC/TVA
3:10 p.m. – 3:30 p.m.	<u>Discuss Assumption 5</u> : <i>The NRC would inspect Generation mPower as a vendor (major portions of the plant to be fabricated in controlled manufacturing environments).</i>	NRC/TVA
3:30 p.m. – 3:50 p.m.	<u>Discuss Assumption 6</u> : <i>The scope of the inspection and enforcement program along with the initial test program will inform and demonstrate successful execution of future ITAAC that may be specified in the DC or COL applications</i>	NRC/TVA
3:50 p.m. – 4:00 p.m.	NRC feedback & next steps	NRC
4:00 p.m.	Adjourn	All

Enclosure

cc:

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

Russell Bell  
Nuclear Energy Institute  
1776 I Street, NW  
Suite 400  
Washington, DC 20006-3708

Anne W. Cottingham  
Assistant General Counsel  
Nuclear Energy Institute  
1776 I Street, NW, Suite 400  
Washington, DC 20006

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

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

Michael L. Hammond  
Technological Hazards Program Office  
Radiological Emergency Preparedness  
Program, Region X  
U.S. Department of Homeland Security  
130 228th Street, SW  
Bothell, WA 98021

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

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

Mr. David Repka  
Winston & Strawn LLP  
1700 K. Street, NW  
Washington, DC 20006-3817

Carlos Sisco  
Senior Paralegal  
Winston & Strawn LLP  
1700 K Street NW  
Washington, DC 20006

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

Email

Alan.Levin@areva.com (Alan Levin)  
APH@NEI.org (Adrian Heymer)  
bevans@enercon.com (Bob Evans)  
BrinkmCB@westinghouse.com (Charles Brinkman)  
cee@nei.org  
charles.bagnal@ge.com  
chris.maslak@ge.com (Chris Maslak)  
collinlj@westinghouse.com (Leslie Collins)  
curtisslaw@gmail.com (Jim Curtiss)  
david.hinds@ge.com (David Hinds)  
david.lewis@pillsburylaw.com (David Lewis)  
deborah@hyperionpowergeneration.com (Deborah Ann Blackwell)  
elyman@ucsusa.org  
erg-xl@cox.net (Eddie R. Grant)  
ewallace@nuscalepower.com (Ed Wallace)  
F.Shahrokhi@AREVA.Com (Farshid Shahrokhi)  
gcesare@enercon.com (Guy Cesare)  
jahalfinger@babcock.com (Jeff Halfinger)  
james.beard@gene.ge.com (James Beard)  
jerald.head@ge.com (Jerald G. Head)  
jgutierrez@morganlewis.com (Jay M. Gutierrez)  
Jim.Kinsey@inl.gov (James Kinsey)  
jim.riccio@wdc.greenpeace.org (James Riccio)  
JNR@NuScalePower.com (Jose N. Reyes)  
klingscl@westinghouse.com (Charles King)  
kouhestani@msn.com (Amir Kouhestani)  
KSutton@morganlewis.com (Kathryn M. Sutton)  
Kwelter@NuScalePower.com (Kent Welter)  
lchandler@morganlewis.com (Lawrence J. Chandler)  
maria.webb@pillsburylaw.com (Maria Webb)  
mark.beaumont@wsms.com (Mark Beaumont)  
mark.holbrook@inl.gov (Mark Holbrook)  
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)  
mgiles@entergy.com (M. Giles)  
murawski@newsobserver.com (John Murawski)  
mwetterhahn@winston.com (M. Wetterhahn)  
patriciaL.campbell@ge.com (Patricia L. Campbell)  
Paul@beyondnuclear.org (Paul Gunter)  
PLorenzini@NuScalePower.com (Paul Lorenzini)  
pshastings@duke-energy.com (Peter Hastings)  
rbarrett@astminc.com (Richard Barrett)  
rereimels@babcock.com (R.E. Reimels)  
RSnuggerud@NuScalePower.com (Ross Snuggerud)  
sandra.sloan@areva.com (Sandra Sloan)  
sfrantz@morganlewis.com (Stephen P. Frantz)

DC B&W mPower

(Revised 10/27/2010)

shobbs@enercon.com (Sam Hobbs)  
spellmandj@ornl.gov (Donald J. Spellman)  
stephan.moen@ge.com (Stephan Moen)  
steven.hucik@ge.com (Steven Hucik)  
steven.m.mirsky@saic.com (Steve Mirsky)  
Tansel.Selekler@nuclear.energy.gov (Tansel Selekler)  
tgado@roe.com (Burns & Roe)  
TJKim@babcock.com (T.J. Kim)  
tom.miller@hq.doe.gov (Tom Miller)  
tom.miller@nuclear.energy.gov (Thomas P. Miller)  
trsmith@winston.com (Tyson Smith)  
Vanessa.quinn@dhs.gov (Vanessa Quinn)  
whorin@winston.com (W. Horin)