

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

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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

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Enclosure: Agenda

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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

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

Time	Topic	Lead
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)