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

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

NRC	TVA
Michael Mayfield, NRO	Andrea Sterdis, TVA
S. Magruder, NRO	Gordon Arent, TVA
J. Starefos, NRO	
Y. Malave NRO, et al.	

Project No.: 0785

Enclosure: Agenda

cc: See next page

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ADAMS ACCESSION No.: ML103360316 **NRC-001**

OFFICE	PM:NRO/ARP/ARB2	PM:NRO/ARP/ARB2
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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.	Discuss Assumption 1: *Use of the 10 CFR Part 50 licensing process*	NRC/TVA
1:30 p.m. – 2:00 p.m.	Discuss Assumption 2: *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.*	NRC/TVA
2:00 p.m. – 2:30 p.m.	Discuss Assumption 3: *The utilization of a "One Design – One Review" NRC license review process.*	NRC/TVA
2:30 p.m.- 2:45 p.m.	Break	
2:45 p.m. – 3:10 p.m.	Discuss Assumption 4: *10 CFR Part 30, 40, 50, and 70 license applications would be combined.*	NRC/TVA
3:10 p.m. – 3:30 p.m.	Discuss Assumption 5: *The NRC would inspect Generation mPower as a vendor (major portions of the plant to be fabricated in controlled manufacturing environments).*	NRC/TVA
3:30 p.m. – 3:50 p.m.	Discuss Assumption 6: *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*	NRC/TVA
3:50 p.m. – 4:00 p.m.	NRC feedback & next steps	NRC
4:00 p.m.	Adjourn	All

Enclosure

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