



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

February 11, 2011

LICENSEE: Tennessee Valley Authority

FACILITY: Browns Ferry Nuclear Plant, Units 1, 2, and 3

SUBJECT: SUMMARY OF DECEMBER 15, 2010, MEETING WITH TENNESSEE VALLEY AUTHORITY ON EXTENDED POWER UPRATE PLANS FOR BROWNS FERRY NUCLEAR PLANT, UNITS 1, 2, AND 3 (TAC NOS. MD5262, MD5263, AND MD5264)

On December 15, 2010, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of the Tennessee Valley Authority (TVA, the licensee) at NRC Headquarters, Two White Flint North, 11545 Rockville Pike, Rockville, Maryland. The purpose of the meeting was to discuss the resumption of the extended power uprate (EPU) licensing action for Browns Ferry Nuclear Plant (BFN) Units 1, 2, and 3, confirm the outstanding scope of the project, and to discuss the licensee's plans to address the outstanding technical issues. A list of attendees is provided in the Enclosure.

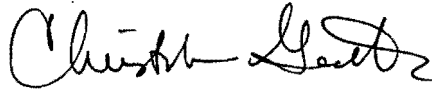
The licensee's presentation included a history of the EPU review for the BFN units, a discussion of the plant modifications that have been completed or are planned as part of this project, and a discussion of the open technical issues that need to be addressed before the project can be completed. The licensee closed the presentation with a discussion of the proposed schedule for the important milestones related to the project. The licensee's presentation material can be found at Agencywide Documents Access and Management System Accession No. ML103490867 (this file supersedes a previous version of the presentation material that contained a typographical error).

During the presentation, the licensee stated that it plans to replace the existing steam dryers in each of the BFN units with new dryers through a contract with General Electric Hitachi. TVA also discussed actions they are taking to address containment accident pressure (CAP) issues at the BFN site. The licensee stated that they have performed comprehensive engineering analyses using NRC staff's Draft Guidelines to identify and evaluate strategies to address CAP for all events. The licensee also stated that they are working with the Boiling-Water Reactor Owners Group (BWROG) to formulate implementation strategies for the NRC CAP Guidelines. The licensee shared its current CAP evaluation results with the NRC staff as they relate to the BFN EPU project, indicating that CAP credit will only be needed for the short-term portion of the loss-of-coolant-accident event. The licensee stated that they plan to submit a letter to the NRC in the first calendar quarter of 2011 with the key assumptions that support the planned strategy to eliminate or mitigate CAP for all events. The NRC staff encouraged the licensee to work with the BWROG to quantify uncertainties associated with CAP analyses.

The staff and the licensee exchanged clarifying questions regarding the licensee's approach to resume the review of the BFN Units 1, 2, and 3 EPU as outlined in the presentation materials, and the efforts by the staff to clarify the crediting of CAP in accident analyses. The licensee indicated that technical basis for addressing CAP for accident analyses will be included in future submittals to the NRC.

Members of the public were in attendance. Public Meeting Feedback forms were not received.

Please direct any inquiries to me at 301-415-1055, or christopher.gratton@nrc.gov.

A handwritten signature in black ink, appearing to read "Chris Gratton". The signature is fluid and cursive, with the first name "Chris" and last name "Gratton" clearly distinguishable.

Christopher Gratton, Senior Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-259, 50-260, and 50-296

Enclosure: List of Attendees

cc w/encls: Distribution via Listserv

MEETING WITH TENNESSEE VALLEY AUTHORITY
EXTENDED POWER UPRATE, BROWNS FERRY 1, 2, 3

December 15, 2010

9:00 a.m. - 11:00 a.m.

U.S. Nuclear Regulatory Commission
Two White Flint North 10-A1
11555 Rockville Pike
Rockville, Maryland

<u>Name</u>	<u>Attendees Organization</u>	<u>Contact Number</u>
Christopher Gratton	NRC/DORL	301-415-1055
William M. Bentley	TVA	256-729-7893
Marie Gillman	TVA	423-751-4884
Ashok Bhatnagar	TVA	423-751-6506
Peter Gaillard	TVA	423-751-2088
Gordon Arent	TVA	423-751-2233
Rod Krich	TVA	423-751-3628
Tom Matthews	TVA	423-751-2687
Ray Dennis	Westinghouse	724-940-8326
Steven Hammer	Xcel – MNGP	763-295-1300
Michael Jesse	Exelon	610-765-5528
John Rommel	Exelon	630-657-3351
Jigar Patel	NRR/DRA	X3109
Robert Dennig	NRR/DSS	X1156
Naeem Iqbal	NRR/DRA	X3346
Arthur Kevin Heller	NRR/DSS	X6472
Muhammad Razzaque	NRR/DSS	X2882
John Huang	NRR/DCI	X1417
Audrey Klett	NRC	X0489
Benjamin Parks	NRR/DSS	X6472
Charles Norton	NRR/DORL	X7818
Andrew Proffitt	NRR/DSS	X1418
Shih-Liang Wu	NRR/DSS	X3284
Mathew Panicker	NRR/DSS	X2986
Doug Broaddus	NRR/DORL	X8124
Chakrapani Basavaraju	NRR/DE	X1221
Allen Howe	NRR/DORL	X1453
Richard Lobel	NRR/DSS	X2865
Ahsan Sallman	NRR/DSS	X2380
Swagata Som	NRR/DE	X8491
Tom Alexion	NRR/DPR	X1326
Patricia Cambell	GE	-
James Paine	GE	-
Ed Schrull	GE	-

Enclosure

Judy Sneed	GE	-
Mike James	GE	-
Jairo Pinzon	Scientech	-
John Fields	Xcel Energy	-
Roger Pedersen	NRR/DIRS	X3162
Denise Anderson	Westinghouse	-
Vijay Kumar	Westinghouse	-

Members of the public were in attendance. Public Meeting Feedback forms were not received.

Please direct any inquiries to me at 301-415-1055, or christopher.gratton@nrc.gov.

/RA/

Christopher Gratton, Senior Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-259, 50-260, and 50-296

Enclosure: List of Attendees

cc w/encls: Distribution via Listserv

DISTRIBUTION:

PUBLIC	RidsNrrDssScvb	MPanicker, NRR
LPL2-2 R/f	NIqbal, NRR	NSanfilippo, EDO
RidsAcrsAcnw_MailCTR	AHeller, NRR	CBasavaraju, NRR
RidsNrrDorLpl2-2	MRazzaque, NRR	RidsNrrDorl
RidsNrrPMBrownsFerry	JHuang, NRR	RLobel, NRR
RidsNrrLABClayton	AKlett, NRR	ASallman, NRR
RidsOgcRp Resource	BParks, NRR	SSom, NRR
RidsRgn2MailCenter	CNorton, NRR	TAlexion, NRR
CSteger, NRR	AProffitt, NRR	RPedersen, NRR
JPatel, NRR	SWu, NRR	

ADAMS Accession No. PKG ML110190403 Notice ML103210521 Summary ML110190410 Handouts ML103490867

OFFICE	DORL/LPL2-2/PM	DORL/LPL2-2/LA	DORL/LPL2-2/BC	DORL/LPL2-2/PM
NAME	CGratton	BClayton	DBroaddus (TOrf for)	CGratton
DATE	01/20/11	01/20/11	02/11/11	02/11/11

OFFICIAL RECORD COPY