

July 9, 2008

MEMORANDUM TO: Stephanie M. Coffin, Chief
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

FROM: Tanya Simms, Project Manager **/RA/**
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF JUNE 10, 2008, PUBLIC MEETING WITH
TENNESSEE VALLEY AUTHORITY REGARDING THE ELECTRICAL
POWER AND THE FIRE SAFETY PROGRAM REQUESTS FOR
ADDITIONAL INFORMATION FOR THE BELLEFONTE COMBINED
LICENSE APPLICATION

The U.S. Nuclear Regulatory Commission (NRC) held a public meeting on June 10, 2008, with the Tennessee Valley Authority (TVA). The purpose of the meeting was to discuss the Electrical Power and the Fire Protection Program Requests for Additional Information as they relate to the Bellefonte Combined License Application (COLA). A list of those in attendance is provided in Enclosure 1.

The material TVA presented at the meeting is available in the Agencywide Document Access and Management System (ADAMS), which provides text and image files of the NRC's public documents. The presentation material presented by TVA may be accessed through ADAMS Accession Number ML081700052. The presentation material presented by NRC may be accessed through ADAMS Accession Number ML081700063. Persons who do not have access to ADAMS or who encounter problems in accessing the meeting materials located in ADAMS should contact the NRC Public Document Room (PDR) Reference staff by telephone at 1-800-397-4209, 301-415-4737; or by email to pdr@nrc.gov.

Highlights from the Meeting

SRP 8.1: TVA indicated that Revision (Rev) 1 of Regulatory Guide (RG) 1.128 was used in the design aspect of the Design Control Document (DCD). TVA will not be specifically following RG 1.155, but will respond to Title 10, Section 50.63, of the Code of Federal Regulations [10 CFR 50.63]. TVA will address site specific Emergency Procedures Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC).

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301-415-1387

SRP 8.2: TVA indicated that a grid study was conducted with powers simulated pre-event load and post load view voltage. The study demonstrated "sufficient capacity and capability." Another dialogue will have to take place to address NRC staff concerns related to general design criteria (GDC) 2. TVA does not see the necessity because offsite power is not a safety related feature for the design.

SRP 9.5.1: TVA believed the electrical raceway fire barrier system has been addressed in the DCD Sections 8.3, 9.5.1 and Appendix 9A.

The following are the action items that resulted from the meeting:

- 1) TVA will consider a possible revision to COLA Part 2, Final Safety Analysis Report (FSAR) Chapter 1, Appendix 1AA, to indicate conformance with the operational aspect of RG 1.180, Rev 1.
- 2) TVA indicated that the procedures and training for recovery from design basis accident events will be available for NRC review on a schedule to be provided in accordance with proposed License Condition number 6 included in Part 10 of the COLA.
- 3) TVA will develop procedures using Chapter 13 of the DCD as the body for the subset of procedures.
- 4) NRC staff indicated that they would like to see the calculations of the grid stability analysis. TVA stated the calculations were available for audit.
- 5) TVA will provide a more definitive statement for SRP 8.2-09 Section 8.2.1.4 of the FSAR to modify the word "observes" regarding Federal Energy Regulatory Commission (FERC) requirements and North American Electric Reliability Council (NERC) reliability standards.
- 6) TVA committed to comply with NUREG 1852 - Demonstrating the Feasibility and Reliability of Operator Manual Actions in Response to Fire.

An attendance list and meeting agenda are provided in Enclosures 1 and 2 respectively and are attached to this summary.

Enclosures:
As stated

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As stated

cc w/encl: See next page

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NAME	KGoldstein	TSimms	JSebrosky
DATE	07/09/2008	07/09/2008	07/09/2008

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Public Meeting with Tennessee Valley Authority
 Regarding the Electrical Power and the Fire Safety Program
 Requests for Additional Information for the Bellefonte Combined License Application
 U.S. Nuclear Regulatory Commission Rockville, Maryland
 June 10, 2008
 List of Attendees

NAME	AFFILIATION	EMAIL	PHONE
Charles Ader	NRC	Charles.Ader@nrc.gov	301-415-0632
Brian Anderson	NRC	Brian.Anderson@nrc.gov	301-415-9967
Dennis Andrukat	NRC	Dennis.Andrukat@nrc.gov	301-415-3561
Gary Becker	SNC	X26abeck@southernco.com	352-637-7615
Gina Borsh	Dominion	Regina.borsh@dom.com	
Perry Buckberg	NRC	Perry.Buckberg@nrc.gov	301-415-1383
Stephanie Coffin	NRC	Stephanie.Coffin@nrc.gov	301-415-2757
Barton Cowan	Westinghouse	Teribart61@aol.com	412-418-2414
Ron Davis	NuStart/ Enercon	rrdavis@enercon.com	601-630-5766
Mark DeMaglio	Westinghouse	demaglma@westinghouse.com	412-374-2538
Thinh Dinh	NRC	Thinh.Dinh@nrc.gov	301-415-2149
Steve Frantz	Morgan lewis	sfrantz@morganlewis.com	202-739-5460
Julie Giles	SCE&G	jmgiles@scana.com	803-931-5200
Billy Gleaves	NRC	Bill.Gleaves@nrc.gov	301-415-5848
Louise Gorenflo		lgorenflo@gmail.com	Participated via telecon
Eddie Grant	NuStart	eddie.grant@excelservices.com	850-598-9801
Rich Grumbir	NuStart	rgrumbir@excelservices.com	256-309-8974

ENCLOSURE 1

THOMAS HICKS	NUSTART	HICKSTE@EARTHLINK.NET	678-461-6390
Bob Hirmanpour	NuStart	bobhirman@live.com	404-422-6793
Brian Hughes	NRC	Brian.Hughes@nrc.gov	301-415-6582
Ravi Joshi	NRC	Ravindra.Joshi@nrc.gov	301-415-6191
Masrur Khan	Bechtel	Makhan1@bechtel.com	301-228-8535
James C. LaBorde	SCE&G	jlaborde@scana.com	803-345-4709
Chris Nolan	NuStart	mcnolan@dukeenergy.com	704-382-7426
Sharon Palmer	TVA	Sharon_palmer@verizon.net	703-860-1517
Sam Peach	Bechtel	jpeach@bechtel.com	301-228-8661
Bob Prunty	SNC/Bechtel	rwprunty@bechtel.com	301-228-6749
Bob Radlinski	NRC	Robert.Radlinski@nrc.gov	301-415-8503
Phillip Ray	TVA	pmray@tva.gov	423-751-7030
Cal Reid	Bechtel	creid@bechtel.com	301-228-6533
G. Salamon	Enercon	gsalamon@enercon.com	651-967-7042
Tanya Simms	NRC	Tanya.Simms@nrc.gov	301-415-1387
Rob Sisk	Westinghouse	sisklrb@westinghouse.com	412-374-6206
Craig Stover	SCE&G	Craig.stover@scana.com	803-260-1457
Matthew Williams	Dominion	Matthew.B.Williams@dom.com	804-273-4134
Jim Winters	Westinghouse	Winterjw@westinghouse.com	412-374-5290

Agenda for Meeting with Tennessee Valley Authority (TVA) Regarding The Electric Power and
Fire Protection Requests for Additional Information (RAIs) as they relate to the Bellefonte COLA
U.S. Nuclear Regulatory Commission Rockville, Maryland
June 10, 2008

8:00 a.m. - 8:15 a.m.	Introductions and Agenda review	NRC/TVA
8:15 a.m. - 9:45 a.m.	Discussion of Chapter 8 RAIs ADAMS Accession No. ML081440255 ADAMS Accession No. ML081440628 Response by NRC regarding Chapter 8 RAIs	TVA NRC
9:45 a.m. - 12:00 p.m.	Discussion regarding Chapter 9 RAIs ADAMS Accession No. ML081260058 ADAMS Accession No. ML081270253 ADAMS Accession No. ML081300091 ADAMS Accession No. ML081300722 Response by NRC regarding Chapter 9 RAIs	TVA NRC
12:00 p.m. - 12:30 p.m.	Public Comment Period	NRC
12:30 p.m.	Adjourn	