



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

November 19, 2010

LICENSEE: Florida Power & Light Company (FPL)  
FACILITY: St. Lucie Plant Unit 1  
SUBJECT: SUMMARY OF AUGUST 18, 2010, MEETING WITH FPL REGARDING  
FORTHCOMING SUBMITTAL OF THE ST. LUCIE PLANT UNIT 1 EXTENDED  
POWER UPRATE

On August 18, 2010, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of FPL at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The purpose of the meeting was to discuss the forthcoming submittal of the St. Lucie Unit 1 application for an Extended Power Uprate (EPU). FPL had originally submitted the EPU application on April 16, 2010, and subsequently withdrew the EPU application on August 13, 2010. A list of attendees is provided as an enclosure and the licensee's meeting slides are available in the Agencywide Document Management System at Accession No. ML102350232.

The first topic discussed was the inadvertent control element assembly at power event. The issue concerned analyzing the event at part-power levels for the effect on reactor coolant system pressure and departure from nucleate boiling. The licensee proposed performing the analyses at 5-percent power intervals and the NRC staff agreed that those intervals would provide more reasonable results. The NRC staff also requested more information on parameter assumptions used in the analyses.

The second topic discussed was the station blackout coping analysis. The majority of the questions related to clarifications of NRC guidance regarding performing the coping analysis.

The third topic related to spent fuel pool criticality analyses at Turkey Point, and St. Lucie. A criticality analysis has recently been submitted for Turkey Point, and the EPU submittal for St. Lucie Unit No. 2 will include an updated criticality analysis, so discussion on these units was limited. With regard to St. Lucie, Unit No. 1, FPL will provide a bounding analysis with the St. Lucie Unit 1 EPU so that review of the EPU can continue, and at a later date the licensee will provide an updated criticality analysis of the current fuel in the spent fuel pool. The bounding analysis will incorporate input from a review of the current criticality analysis in light of the draft interim staff guidance on criticality analyses. The licensee would then add additional margin to those parameters identified as containing errors during the review above. A burnup penalty would then be developed for the multiple storage configuration and multiple points on the related loading curves. This burnup penalty would be implemented at St. Lucie Unit 1 until the updated criticality analysis could be submitted and review by the NRC staff.

Members of the public were in attendance; however no Public Meeting Feedback forms were received from the public. Please direct any inquiries to me at 301-415-2788, or Jason Paige at 301-415-5888.

A handwritten signature in black ink, appearing to read "Tracy J. Orf". The signature is fluid and cursive, with the first name "Tracy" being the most prominent.

Tracy J. Orf, Project Manager  
Plant Licensing Branch, II-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-335

Enclosure:  
List of Attendees

cc w/encls: Distribution via Listserv

LIST OF ATTENDEES

AUGUST 18, 2010, MEETING WITH FLORIDA POWER & LIGHT COMPANY

FORTHCOMING EXTENDED POWER UPRATE APPLICATION FOR ST. LUCIE UNIT 1

Attending in person:

Tom Alexion, NRC/NRR  
Doug Broaddus, NRC/NRR  
Eva Brown, NRC/NRR  
Davida Cunanan, NRC/NRR  
Paul Gill, NRC/NRR  
Allen Howe, NRC/NRR  
Matt Kromer, NRC/NRR  
G. Matharu, NRC/NRR  
Roy Mathew, NRC/NRR  
Jason Paige, NRC/NRR  
Mathew Panicker, NRC/NRR  
Ben Parks, NRC/NRR  
Trace Orf, NRC/NRR  
Tony Ulses, NRC/NRR  
Kent Wood, NRC/NRR

Liz Abbott, FPL  
Steve Franzone, FPL  
Terry Jones, FPL  
Jay Kabadi, FPL  
Larry Nicholson, FPL  
Carl O'Farrill, FPL  
Emilio Fuentes, FPL  
Claude Villard, FPL  
Chris Wasik, FPL

Stefan Anton, Holtec  
Tao He, Holtec  
Jay Leff, Holtec

Tracy Bishop, Westinghouse  
Ed Mercier, Westinghouse

Attending via telephone:

Keith Higar, AREVA  
Chris Lewis, AREVA  
Will Maxson, AREVA  
Tammy Natour, AREVA  
Joe Paljug, AREVA  
Mike Savela, AREVA  
Bob Smith, AREVA

Jan Bostelman, Fort Calhoun Station  
Rich Roenigk, Fort Calhoun Station  
Matt Rybenski, Fort Calhoun Station  
Steve Callis, Fort Calhoun Station

Philip Tiemann, FPL  
William Freebairn, Nucleonics Week

Paul Kumar, Xcel Energy

Enclosure

November 19, 2010

- 2 -

Members of the public were in attendance; however no Public Meeting Feedback forms were received from the public. Please direct any inquiries to me at 301-415-2788, or Jason Paige at 301-415-5888.

*/RA/*

Tracy J. Orf, Project Manager  
Plant Licensing Branch, II-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-335

Enclosure:  
List of Attendees

cc w/encls: Distribution via Listserv

DISTRIBUTION:

PUBLIC	TAlexion, NRR	TOrf, NRR
LPL2-2 r/f	EBrown, NRR	RidNrrDssSrx
RidsAcrsAcnw_MailCTR	DCunanan, NRR	KWood, NRR
RidsNrrDorlLpl2-2	RidsNrrDorl	
RidsNrrPMStLucie	MKromer, NRR	
RidsNrrLACSola	GMatharu, NRR	
RidsOgcRp	RMathew, NRR	
RidsRgn2MailCenter	JPaige, NRR	
CSteger, NRR	MPanicker, NRR	
NSanfilippo, EDO	BParks, NRR	

ADAMS Accession No.

PKG ML102390062  
Meeting Summary ML102390035

Meeting Notice ML102250325  
Handouts ML102350232

OFFICE	LPL2-2/PM	LPL2-2/LA	LPL2-2/BC	DORL/LPL2-2/PM
NAME	TOrf	CSola(BClayton for)	DBroaddus	TOrf
DATE	9/1/2010	8/31/2010	11/18/2010	11/19/2010

OFFICIAL RECORD COPY