



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

January 17, 2011

LICENSEE: Exelon Generation Company, LLC

FACILITY: LaSalle County Station, Units 1 and 2 (LaSalle)

SUBJECT: SUMMARY OF DECEMBER 29, 2010, PUBLIC CONFERENCE CALL WITH EXELON GENERATION COMPANY, LLC REGARDING LASALLE NETCO INSERT REQUEST (TAC NOS. ME2376 AND ME2377)

On December 29, 2010, a Category 1 public conference call was held between the U.S. Nuclear Regulatory Commission (NRC), representatives of Exelon Generation Company, LLC (the licensee) and a representative from NETCO at the NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The purpose of the meeting was to continue discussions from the public meeting on November 10, 2010, regarding the license amendment request (Agencywide Documents Access and Management System (ADAMS) Package No. ML092810278) to allow full recovery of spent fuel storage rack cells that are unusable due to Boraflex neutron absorber degradation through the use of NETCO-SNAP-IN® rack inserts. A list of attendees is provided as Enclosure 1. Some portions of the meeting discussion were proprietary; a non-proprietary meeting summary follows.

The NRC's presentation (See Enclosure 2) summarized the license amendment application status and presented outstanding NRC concerns with the Exelon plan for installing rack inserts and the proposed actions to reconfigure the spent fuel pool as presented by Exelon in the public meeting held on November 10, 2010, and documented in Exelon's response (ADAMS Package No. ML102270566) received on November 23, 2010, to the NRC's request for additional information (ADAMS Package No. ML103210499) dated November 19, 2010.

The NRC staff clarified that there is no concern with the use of spent fuel pool cells that credit NETCO-SNAP-IN® rack inserts as the neutron absorber, there is however, a concern with the use of spent fuel pool cells that credit Boraflex as the neutron absorber without further evaluation of the method used to determine the extent of Boraflex degradation (RACKLIFE). The NRC staff concerns include: code validation, analysis assumptions, biases and uncertainties in the RACKLIFE model, Boraflex thinning which could allow the material to slide during a seismic event, the lack of a recent criticality analysis, and the lack of detail in determining if margins are offset by non conservatism or uncertainties.

Exelon reiterated a previously proposed three tier method to credit cells based on Boraflex degradation. The first tier (low Boraflex degradation) will permit unrestricted fuel storage. The second tier (moderate Boraflex degradation) will permit low reactivity fuel storage. The third tier (substantial Boraflex degradation) will be unusable. Exelon stated a date by which spent fuel bundle transfer to dry storage must begin in order to achieve refuel outage goals without using the proposed three tier method. The NRC staff asked and was informed that the outside temperature must be greater than 0 degrees Fahrenheit in order to transfer fuel to dry storage.

The NRC staff intends to provide a technical evaluation to permit limited crediting of Boraflex for a specified period time beyond the refuel outage. The NRC staff intends to formalize its concerns with the method to determine Boraflex degradation (RACKLIFE) in a request for additional information (RAI). The NRC, dependent upon the Exelon response to the RAI, intends to provide a technical evaluation for the time after the specified period of time beyond the refuel outage.

No members of the public were in attendance. Public Meeting Feedback forms were not received.

Please direct any inquiries to me at 301-415-2315, or eva.brown@nrc.gov.

Sincerely,

/RA/

Eva Brown, Senior Project Manager
Plant Licensing Branch III-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-373 and 50-374

Enclosures:

1. List of Attendees
2. NRC Handout

cc w/encl: Distribution via ListServ

LIST OF ATTENDEES

DECEMBER 29, 2010, PUBLIC MEETING WITH EXELON GENERATION COMPANY, LLC

REGARDING LASALLE NETCO INSERT REQUEST

Name	Affiliation
A. Ulises*	NRC/NRR
E. Brown	NRC/NRR
C. Norton	NRC/NRR
K. Wood*	NRC/NRR
A. Pulvirenti	NRC/RES
C. Lipa*	NRC/RIII
F. Ramirez*	NRC/RIII
D. Benyak *	Exelon
P. Simpson *	Exelon
K. Nicely *	Exelon
S. Shields*	Exelon
J. Dunlap*	Exelon
A. Levin*	Exelon
T. Simpkin*	Exelon
P. Hansett*	Exelon
K. Hachmuth*	Exelon
P. Wicyk*	Exelon
J. Gumnick*	Exelon
G. Benes*	Exelon
S. Leuenroth*	NETCO

* by phone

NRC HANDOUTS

December 29, 2010, PUBLIC MEETING WITH EXELON GENERATION COMPANY, LLC

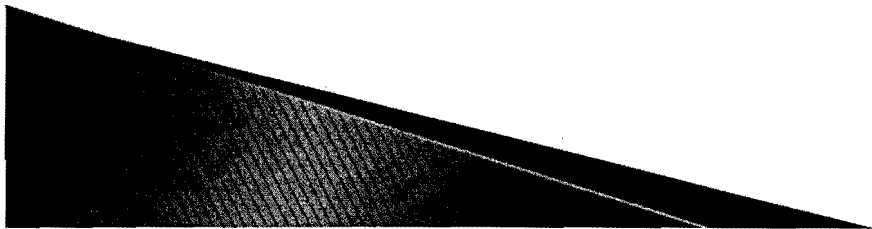
REGARDING LASALLE NETCO INSERT REQUEST

LaSalle County Station Unit 2 Spent Fuel Storage Racks

Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation
Nuclear Regulatory Commission
December 29, 2010

Agenda

- ▶ Introduction – Charles Norton
- ▶ Application Status – Eva Brown
- ▶ Path Forward – Eva Brown
- ▶ Outstanding Concerns – Kent Wood



Introduction

Charles Norton
Project Manager
Division of Operating Reactor Licensing



Application Status

Eva Brown

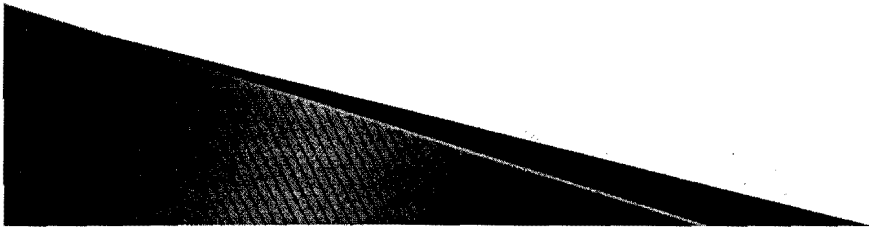
Senior Project Manager

Division of Operating Reactor Licensing



Application Status

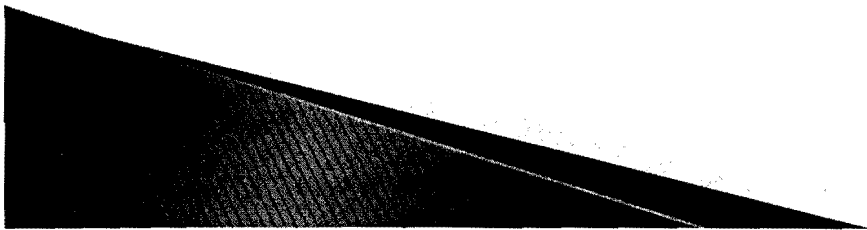
- ▶ October 5, 2009 submittal [ML092810278]
- ▶ November 12, 2009 Acceptance Review Complete [ML093160531]
- ▶ Requests for Additional Information
 - April 26, 2010 [ML100980209]
 - June 2, 2010 e-mail [ML101540001]
 - November 19, 2010 [ML103210499]
 - December 10, 2010 [ML103430423]
- ▶ Supplements
 - June 10, 2010 [ML101650229]
 - November 23, 2010 [ML103270566]
 - December 14, 2010 [ML103490098]
 - December 22, 2010 [ML103570025]



Application Status (cont.)

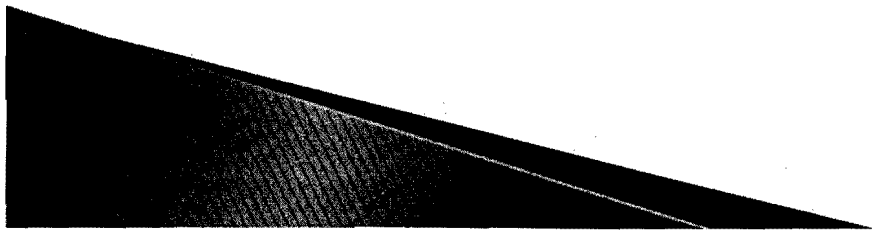
▶ Public Meetings

- June 1, 2010
 - Discuss RAI Responses
- October 21, 2010
 - Discuss support for outage
- November 10, 2010
 - Licensee proposal for outage
- December 29, 2010
 - Discuss status and path forward beyond outage



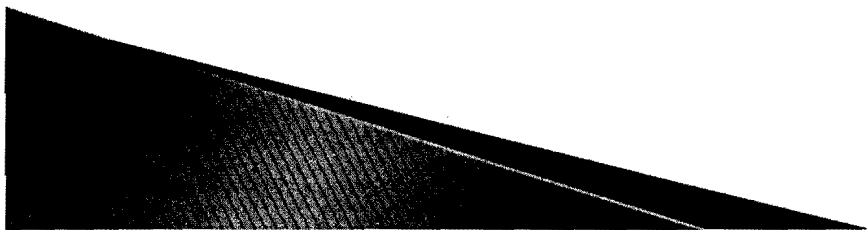
Path Forward

- ▶ NRC Review to be completed in two parts
 - Outage + 120
 - Full campaign
- ▶ Outage (L2R13)
 - Spring 2011 refueling outage
 - Pool reconfiguration L2R13+120 days
- ▶ Full campaign
 - Licensee proposed completion December 31, 2014
 - Outstanding technical issues



Outage +120

- ▶ Relies heavily on November 10, 2010 proposal
 - Engineering judgement
 - November 23, 2010 supplement
 - December 14, 2010 supplement
 - December 22, 2010 supplement
- ▶ NRC staff technical review
 - Completion scheduled January 28, 2011
 - Partial review
 - License conditions



The NRC staff intends to provide a technical evaluation to permit limited crediting of Boraflex for a specified period time beyond the refuel outage. The NRC staff intends to formalize its concerns with the method to determine Boraflex degradation (RACKLIFE) in a request for additional information (RAI). The NRC, dependent upon the Exelon response to the RAI, intends to provide a technical evaluation for the time after the specified period of time beyond the refuel outage.

No members of the public were in attendance. Public Meeting Feedback forms were not received.

Please direct any inquiries to me at 301-415-2315, or eva.brown@nrc.gov.

Sincerely,

/RA/

Eva Brown, Senior Project Manager
Plant Licensing Branch III-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-373 and 50-374

Enclosures:

1. List of Attendees
2. NRC Handout

cc w/encl: Distribution via ListServ

DISTRIBUTION:

PUBLIC	DMerzke, EDO R-III	CHarris, RES
LPL3-2 R/F	RTaylor, NRR	APulvirenti, RES
Rids AcrsAcnw_MailCTR Resource	AUises, NRR	CSteger, NRR
RidsNrrDorl Resource	MGavrilas, RES	VMitlyng, OPA R-III
RidsNrrDorlLpl3-2 Resource	CNorton, NRR	KRiemer, RIII
RidsNrrPMLasalle Resource	NDiFrancesco, NRR	CLipa, RIII
RidsNrrLATHarris	MYoder, NRR	FRamirez, RIII
RidsOgcMailCenter Resource	EWong, NRR	
RidsRgn3MailCenter Resource	KWood, NRR	

Package ADAMS Accession No. ML110050347 ADAMS Accession Meeting Summary ML110050255
ADAMS Accession no. Handouts ML110050359 NRC-001

OFFICE	DORL/LPL3-2/PM	DORL/LPL3-2/PM	DORL/LPL3-2/LA	DORL/LPL3-2/BC
NAME	CNorton	EBrown	THarris	RCarlson
DATE	01/6/11	01/7/11	01/6/11	01/17/11

OFFICIAL RECORD COPY