



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

December 13, 2010

LICENSEE: Exelon Generation Company, LLC (Exelon)

FACILITY: Peach Bottom Atomic Power Station, Units 2 and 3

SUBJECT: SUMMARY OF JANUARY 7, 2010, MEETING WITH EXELON TO DISCUSS PROPRIETARY INFORMATION RELATED TO A LICENSE AMENDMENT REQUEST UNDER REVIEW TO REVISE THE TECHNICAL SPECIFICATIONS FOR THE SPENT FUEL POOL K-INFINITY VALUE (TAC NOS. MD9154 AND MD9155)

On January 7, 2010, a Category 1 public meeting was held between members of the U.S. Nuclear Regulatory Commission (NRC) staff and representatives of Exelon Generation Company, LLC (Exelon) at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The purpose of the meeting was to discuss the supplement provided by Exelon Nuclear on December 18, 2009, regarding a License Amendment Request to revise the Technical Specifications related to the Spent Fuel Pool K-infinity value for Peach Bottom Atomic Power Station (Agencywide Documents Access and Management System (ADAMS) Accession No. ML093521435).

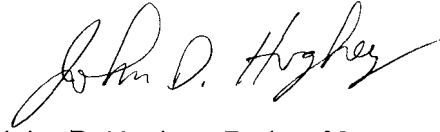
Proprietary information associated with the amendment request was discussed during the closed portion of the meeting. Exelon representatives addressed questions from the NRC staff regarding the analytical and testing methods used to determine the Boraflex degradation rates reported in the December 18, 2009, submittal. Questions regarding the analytical methodology used for the spent fuel pool criticality analysis were also discussed. The meeting concluded with an open portion for public questions and comment, however, no members of the public attended the meeting.

On March 4, 2010, the NRC staff issued a Request for Additional Information (RAI) letter to Exelon (ADAMS Accession No. ML100610290). This letter contains non-proprietary RAI questions based in part on the discussions held during the January 7, 2010, meeting.

No regulatory decisions were made during the meeting. A list of the meeting attendees is provided in the Enclosure.

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Please direct any inquiries to me at 301-415-3204 or John.Hughey@nrc.gov.

A handwritten signature in black ink that reads "John D. Hughey". The signature is written in a cursive style with a long, sweeping underline.

John D. Hughey, Project Manager
Plant Licensing Branch I-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-277 and 50-278

Enclosure:
List of Attendees

cc w/encl: Distribution via ListServ

LIST OF ATTENDEES

JANUARY 7, 2010, MEETING WITH EXELON GENERATION COMPANY, LLC

PEACH BOTTOM BORAFLEX DEGRADATION AND

K-INFINITY LICENSE AMENDMENT REQUEST

EXELON

Pam Cowan

David Helker

Tom Loomis

Jill Fisher

Adam Levin

Jeff Holley

Steve Hesse

Ken Lindquist (Northeast Technology Corp.)

Matthew Harris (Northeast Technology Corp.)

NRC

Harold Chernoff

David Cunan

Lauren Gibson

Kent Wood

John Hughey

Allen Hiser

Emma Wong

Robert Taylor

Tony Nakanishi

Tony Attard

Enclosure

Please direct any inquiries to me at 301-415-3204 or John.Hughey@nrc.gov.

/RA/

John D. Hughey, Project Manager
Plant Licensing Branch I-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-277 and 50-278

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List of Attendees

cc w/encl: Distribution via ListServ

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|--------|----------------|----------------|------------------------|
| NAME | JHughey | ABaxter | HChernoff (REnnis for) |
| DATE | 12/13/2010 | 12/13/2010 | 12/13/2010 |

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