



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

April 25, 2016

LICENSEE: Duke Energy Progress, Inc.

FACILITY: Shearon Harris Nuclear Power Plant, Unit 1

SUBJECT: SUMMARY OF APRIL 14, 2016, MEETING WITH DUKE ENERGY PROGRESS, INC. TO DISCUSS SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1, TSTF-425, "RISK-INFORMED TECHNICAL SPECIFICATION INITIATIVE 5B, RISK-INFORMED METHOD FOR CONTROL OF SURVEILLANCE FREQUENCIES" LICENSE AMENDMENT REQUEST (CAC NO. MF6583)

On April 14, 2016, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Duke Energy Progress, Inc. (Duke Energy) at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The purpose of the meeting was to discuss Duke Energy's license amendment request for the Shearon Harris Nuclear Power Plant, Unit 1, regarding Risk-Informed Technical Specification Initiative 5b, Risk-Informed Method for Control of Surveillance Frequencies (ADAMS Accession No. ML15236A265).

During the open portion of the public meeting, human failure events (HFEs) modeled in the probabilistic risk assessment (PRA), and PRA success criteria were discussed. Specifically, the staff requested clarification on Request for Additional Information (RAI) 4 and RAI 5 responses contained in Duke Energy's letter dated February 5, 2016 (ADAMS Accession No. ML16036A091), as they relate to peer review Findings and Observations for operator actions credited in the PRA that did not appear consistent with the requirements of the PRA Standard, American Society of Mechanical Engineers/American Nuclear Society RA-Sa-2009, as endorsed by Regulatory Guide 1.200, Revision 2. The licensee clarified that the PRA has been updated since the Findings and Observations were written and as a result, some HFEs were modified and others were removed from the PRA. The staff will be issuing followup RAI to clarify the RAI responses provided by Duke Energy in its February 5, 2016, letter.

During the closed portion of the public meeting, a Finding and Observation contained in Enclosure 4 of Duke Energy's letter dated February 5, 2016, was discussed. Enclosure 4 is considered sensitive security-related information under Title 10, *Code of Federal Regulations* Part 2, Section 390(d)(1). The staff will be issuing a followup RAI to clarify the information provided by Duke Energy.

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No regulatory decisions were made at the meeting. Members of the public were in attendance. No Public Meeting Feedback forms were received. A list of attendees is enclosed.

Please direct any inquiries to me at 301-415-2760 or [Martha.Barillas@nrc.gov](mailto:Martha.Barillas@nrc.gov).

*/RA/*

Martha Barillas, Project Manager  
Plant Licensing Branch II-2  
Division of Operator Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-400

Enclosure:  
List of Attendees

cc w/enclosure: Distribution via Listserv

LIST OF ATTENDEES

APRIL 14, 2016, MEETING WITH DUKE ENERGY PROGRESS, INC.

SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1

LICENSE AMENDMENT REQUEST REGARDING TSTF-425, "RISK-INFORMED TECHNICAL

SPECIFICATION INITIATIVE 5B, RISK-INFORMED METHOD FOR CONTROL OF

SURVEILLANCE FREQUENCIES"

**U.S. Nuclear Regulatory Commission**

Daniel O'Neal  
Mihaela Biro  
Stacey Rosenberg  
Martha Barillas

**Duke Energy Progress, Inc.\***

Robert Isbell  
Douglas Woody  
Robert Rishel  
Mike Leisure  
Jordan Vaughan  
John Caves  
Dennis Earp

**Public\***

Mark Humphrey  
Bruce Morgen

\*Via teleconference

Enclosure

No regulatory decisions were made at the meeting. Members of the public were in attendance. No Public Meeting Feedback forms were received. A list of attendees is enclosed.

Please direct any inquiries to me at 301-415-2760 or Martha.Barillas@nrc.gov.

*/RA/*

Martha Barillas, Project Manager  
Plant Licensing Branch II-2  
Division of Operator Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-400

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**ADAMS Accession No. ML16112A377**

OFFICE	NRR/DORL/LPL2-2/PM	NRR/DORL/LPL2-2/LA	NRR/DRAAPLA/BC
NAME	MBarillas	BClayton	SRosenberg
DATE	4/25/16	4/22/16	4/25/16
OFFICE	NRR/DORL/LPL2-2/BC	NRR/DORL/LPL2-2/PM	
NAME	BBeasley	MBarillas	
DATE	4/25/16	4/25/16	

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