



**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.

- 2 -

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

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

Enclosure:
List of Attendees

cc w/enclosure: Distribution via Listserv

DISTRIBUTION:

PUBLIC	RidsRgn2MailCenter Resource	JBowen, OEDO
RidsNrrLABClayton	RidsNrrDorLpl2-2 Resource	TWertz, NRR
RidsNrrDraApla Resource	LPL2-2 R/F	DOneal, NRR
RidsNrrPMShearonHarris Resource	RidsACRS_MailCTR Resource	MBiro, NRR

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	

OFFICIAL RECORD COPY