



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

May 1, 2017

LICENSEE: Duke Energy Progress, LLC

FACILITY: Shearon Harris Nuclear Power Plant, Unit 1

SUBJECT: SUMMARY OF MARCH 2, 2017, MEETING WITH DUKE ENERGY PROGRESS, LLC TO DISCUSS PROPOSED LICENSE AMENDMENT REQUEST FOR SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1, REGARDING EMERGENCY DIESEL GENERATOR TECHNICAL SPECIFICATION SURVEILLANCE REQUIREMENT CHANGES (CAC NO. MF9123)

On March 2, 2017, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and representatives of Duke Energy Progress, LLC (the licensee), at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The purpose of the meeting was to discuss the proposed license amendment request regarding emergency diesel generator Technical Specification Surveillance Requirement Changes for the Shearon Harris Nuclear Power Plant, Unit 1 (Harris). The meeting notice and agenda, dated February 13, 2017, are available in the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML17069A176. A list of attendees is enclosed.

The licensee presented informational slides at the meeting (ADAMS Accession No. ML17044A089). During the meeting, the licensee discussed steady-state voltage and frequency limit changes proposed, as well as full load rejection test voltage limit changes proposed for the Harris technical specifications. The licensee explained it identified that surveillance requirement limits for emergency diesel generator steady-state voltage and frequency are non-conservative, and it currently has administrative controls in place to verify voltage and frequency are maintained within conservative ranges. In preparing this license amendment request, the licensee has reviewed precedents that have been issued and considered the NRC staff's request for additional information on the topic. The licensee discussed it will not cite WCAP-17308-NP, "Treatment of Diesel Generator (DG) Technical Specification Frequency and Voltage Tolerances," since the topical report is still under review. Additionally, the licensee explained that Harris is participating in the Westinghouse InfoGram 14-1, "Material Properties for Loss of Coolant Accident [LOCA] Mass and Energy Release Analysis," project and will implement the topical report WCAP-10325-P-A, "Westinghouse LOCA Mass and Energy Release Model for Containment Design," supplement after NRC completes its review.

The licensee plans to request a 12-month review schedule and plans to submit the proposed license amendment request during the first quarter of 2017. The NRC staff will provide an estimate of the review schedule after completing an acceptance review of the licensee's submittal.

No regulatory decisions or commitments were made at the meeting. No members of the public were in attendance.

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



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

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GMatharu, NRR  
TClark, OEDO  
TWertz, NRR  
JBowen, OEDO

**ADAMS Accession No.: ML17069A397**

OFFICE	NRR/DORL/LPL2-2/PM	NRR/DORL/LPL2-2/LA	NRR/DSS/SRXB/BC	NRR/DSS/STSB/BC (A)
NAME	MBarillas	BClayton (LRonewicz for)	EOesterle	AKlein (JMWhitman for)
DATE	04/18/17	04/03/17	04/20/17	04/20/17
OFFICE	NRR/DE/EPNB/BC	NRR/DE/EEEB	NRR/DORL/LPL2-2/BC	NRR/DORL/LPL2-2/PM
NAME	DAlley	JZimmerman	BBeasley	MBarillas
DATE	04/20/17	04/21/17	04/28/17	05/01/17

**OFFICIAL RECORD COPY**

LIST OF ATTENDEES

MARCH 2, 2017, MEETING WITH DUKE ENERGY PROGRESS, LLC

SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1

PROPOSED LICENSE AMENDMENT REQUEST REGARDING

EMERGENCY DIESEL GENERATOR TECHNICAL SPECIFICATION SURVEILLANCE

REQUIREMENT CHANGES

**U.S. Nuclear Regulatory Commission**

Pete Snyder  
Eric Oesterle  
Ami Patel  
Benjamin Beasley  
Martha Barillas  
David Alley  
Robert Wolfgang  
Adakou Foli  
Ian Tseng\*  
Gurcharan Matharu\*

**Duke Energy Progress, LLC**

Sarah McDaniel\*  
Jeff Robertson\*  
Mark Grantham\*  
Brian Mayall\*  
Alan Morisi\*  
Robert Muzzi\*  
Tom Scattergood\*  
Dave Meurinier\*  
Courtney Revie\*  
Jim Glasser\*  
Frank Lane\*  
Scott Thomas\*  
Adam Bingham\*  
John Caves\*

\* Participated by phone