



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

January 7, 2019

**LICENSEE:** Duke Energy Progress, LLC

**FACILITY:** Shearon Harris Nuclear Power Plant, Unit 1

**SUBJECT:** SUMMARY OF DECEMBER 20, 2018, TELECONFERENCE PUBLIC MEETING WITH DUKE ENERGY PROGRESS, LLC, TO DISCUSS A PROPOSED LICENSE AMENDMENT REQUEST FOR SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1, REGARDING RISK-INFORMED ESSENTIAL SERVICES CHILLED WATER SYSTEM TECHNICAL SPECIFICATIONS ALLOWED OUTAGE TIME EXTENSION (EPID L-2018-LRM-0089)

On December 20, 2018, 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 risk-informed proposed license amendment request regarding extension of the essential services chilled water system allowed outage time for the Shearon Harris Nuclear Power Plant, Unit 1 (Harris). Specifically, the licensee's proposed change is to extend the allowed outage time from the current 72 hours to 7 days. The meeting notice and agenda, dated December 3, 2018, are available in the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML18337A062. A list of attendees is enclosed.

The licensee presented informational slides at the meeting (ADAMS Accession No. ML118351A134). At the meeting, the licensee provided an overview of the essential services chilled water system. The licensee explained the reason for the proposed change, which is to allow for planned and unplanned maintenance activities that may take over 72 hours but less than the proposed 7 days. The licensee plans to use a risk-informed approach using the guidance in Regulatory Guide 1.174, "An Approach for Using Probabilistic Risk Assessment in Risk-Informed Decisions on Plant-Specific Changes to the Licensing Basis," and Regulatory Guide 1.177, "An Approach for Plant Specific, Risk Informed Decisionmaking: Technical Specifications". The licensee provided the core damage frequency and large early release factor values that the Probabilistic Risk Assessment analysis yielded with a 7-day allowed outage time extension. The licensee clarified the proposed change would only be applicable to Modes 1-4 and provided a list of compensatory measures that would be implemented prior to exceeding 72 hours, but when the 7-days action statement is entered. Additional information on the presentation is found in the informational slides.

Harris plans to submit the license amendment request in January of 2019. 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 and no comments were provided.

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: Listserv

LIST OF ATTENDEES

DECEMBER 20, 2018, TELECONFERENCE PUBLIC MEETING WITH

DUKE ENERGY PROGRESS, LLC

SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1

TO DISCUSS A PROPOSED LICENSE AMENDMENT REQUEST REGARDING

RISK-INFORMED ESSENTIAL SERVICES CHILLED WATER SYSTEM

TECHNICAL SPECIFICATIONS ALLOWED OUTAGE TIME EXTENSION

**U.S. Nuclear Regulatory Commission**

Martha Barillas  
Undine Shoop  
Reed Anzalone  
Summer Sun  
DeWesley Wu  
Steven Jones  
Matthew Hamm  
Brandon Hartle  
Shilp Vasavada\*  
Gordon Curran\*

**Duke Energy Progress, LLC**

Ray Lebitz\*  
Russ Andrews\*  
Mike Welker\*  
Bob Rhodes\*  
Jeff Robertson\*  
Sarah McDaniel\*  
Paul Farish\*  
Jay Darrell\*  
Michael Kitlan\*  
Trae Hartley\*  
Tom Scattergood\*  
Corey Hoppough\*  
Dennis Earp\*  
Richard Howard\*  
James McCrory\*  
Brian McCabe\*

\* Participated by phone

Enclosure

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GCurran, NRR

**ADAMS Accession No.: ML18355A814**

OFFICE	NRR/DORL/LPL2-2/PM	NRR/DORL/LPL2-2/LA	NRR/DORL/LPL2-2/BC
NAME	MBarillas	BClayton	UShoop
DATE	12/27/18	12/27/18	1/7/19
OFFICE	NRR/DORL/LPL2-2/PM		
NAME	MBarillas		
DATE	1/7/19		

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