



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

December 22, 2017

**LICENSEE:** Duke Energy Progress, LLC

**FACILITY:** Brunswick Steam Electric Plant, Units 1 and 2; Shearon Harris Nuclear Power Plant, Unit 1; and H. B. Robinson Steam Electric Plant, Unit No. 2

**SUBJECT:** SUMMARY OF NOVEMBER 29, 2017, MEETING WITH DUKE ENERGY PROGRESS, LLC TO DISCUSS PROPOSED LICENSE AMENDMENT REQUESTS TO IMPLEMENT THE REQUIREMENTS OF 10 CFR 50.69 AT BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2; SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1; AND H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2 (EPID L-2017-LRM-0050)

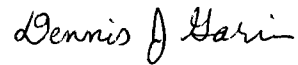
On November 29, 2017, a public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and representatives of Duke Energy Progress, LLC (Duke Energy or the licensee) at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The purpose of the meeting was to discuss the planned license amendment requests (LARs) to implement the requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.69 at Brunswick Steam Electric Plant, Units 1 and 2; Shearon Harris Nuclear Power Plant, Unit 1; and H. B. Robinson Steam Electric Plant, Unit No. 2. The meeting notice and agenda, dated November 15, 2017, are available in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML17319A257. A list of attendees is enclosed.

The licensee presented informational slides at the meeting (ADAMS Accession No. ML17331A627). During the meeting, the licensee provided (1) an overview of industry initiatives related to 10 CFR 50.69 and Duke Energy's participation; (2) a summary of issues from previous LAR submittals and how Duke Energy has addressed them; (3) summary statements that each plant will conform with Nuclear Energy Institute (NEI) Report 00-04, "10 CFR 50.69 SSC [Structures, Systems, and Components] Categorization Guideline," dated July 2005 (ADAMS Accession No. ML052910035); and (4) a summary of each plant's probabilistic risk assessment, seismic risk assessment, and external hazards information to be considered in the LARs.

The NRC staff and the licensee discussed the above topics. The NRC staff highlighted the benefit of staggering the LAR submittals from an NRC resource perspective. The NRC staff also discussed some challenges in confirming conformance to NEI 00-04 in current LAR reviews. The NRC staff stated that a LAR should provide a brief summary of how each step in the NEI 00-04 categorization process is being implemented to support an NRC staff conclusion that the licensee's categorization process conforms to NEI 00-04. For example, the staff recommended that the LARs include a brief summary of the licensee's proposed categorization process that includes the order of the different evaluations, sufficient explanation of the hazard screening process to demonstrate consistency with the general hazard screening steps in NEI 00-04, and an updated history of the probabilistic risk assessment reviews that have been performed.

Several members of the public called into the meeting but none offered comments. No regulatory decisions or commitments were made at the meeting. No public meeting feedback forms were received.

Please direct any inquiries to me at 301-415-6256 or [Dennis.Galvin@nrc.gov](mailto:Dennis.Galvin@nrc.gov).



Dennis J. Galvin, Project Manager  
Plant Licensing Branch II-2  
Division of Operator Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-261, 50-324, 50-325,  
and 50-400

Enclosure:  
List of Attendees

cc w/Enclosure: Distribution via Listserv

LIST OF ATTENDEES

NOVEMBER 29, 2017, PRE-SUBMITTAL MEETING WITH DUKE ENERGY PROGRESS, LLC

BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2

SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1

H. B. ROBINSON STEAM ELECTRIC PLANT UNIT NO. 2

PROPOSED LICENSE AMENDMENT REQUESTS

TO IMPLEMENT THE REQUIREMENTS OF 10 CFR 50.69

**U.S. Nuclear Regulatory Commission**

M. Barillas  
M. Biro  
S. Dinsmore  
F. Forsaty \*  
D. Galvin  
B. Hartle  
A. Hon  
A. Rezai  
S. Ruffin  
P. Sahay  
S. Rosenberg  
C. St. Peters  
J. Whitman  
O. Yee

**Duke Energy Progress, LLC**

S. Kimbrough  
H. Szews  
J. Varnedoe  
A. Young  
A. Zaremba

**Tennessee Valley Authority**

T. Hess  
G. Kindred  
E. Schrull

\* participated by phone

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**ADAMS Accession No.: ML17254A349**

**\*by e-mail**

OFFICE	NRR/DORL/LPL2-2/PM	NRR/DORL/LPL2-2/LA	NRR/DRA/APLA/BC*
NAME	DGalvin	BClayton (LRonewicz for)	SRosenberg
DATE	12/12/2017	12/12/2017	12/14/2017
OFFICE	NRR/DSS/STSB/BC(A)*	NRR/DORL/LPL2-2/BC	NRR/DORL/LPL2-2/PM
NAME	JWhitman	UShoop	DGalvin
DATE	11/30/2017	12/22/2017	12/22/2017

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