



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

May 20, 2016

LICENSEE: Duke Energy Progress, Inc.

FACILITY: Shearon Harris Nuclear Power Plant, Unit 1
H. B. Robinson Steam Electric Plant, Unit No. 2

SUBJECT: SUMMARY OF MAY 2, 2016, MEETING WITH DUKE ENERGY PROGRESS, INC. TO DISCUSS FUEL RELOAD DESIGN METHODOLOGY REPORTS AND PROPOSED SUPPLEMENT TO A LICENSE AMENDMENT REQUEST REGARDING THE SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1, AND H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2 (CAC NOS. MF7443 AND MF7444)

On May 2, 2016, a closed meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and representatives of Duke Energy Progress, Inc. (the licensee) at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The meeting was closed to support the discussion of licensee proprietary information. The purpose of the meeting was to discuss the proposed submittal of the fuel reload design methodology report DPC-NE-3009-P, "UFSAR Chapter 15 Transient Analysis Methodology," regarding the Shearon Harris Nuclear Power Plant, Unit 1 (Harris), and H. B. Robinson Steam Electric Plant, Unit No. 2 (Robinson). The meeting notice and agenda, dated April 14, 2016, is available in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML16103A255. A list of attendees is enclosed.

The licensee presented informational slides at the meeting (ADAMS Accession No. ML16112A293). During the meeting, the licensee provided (1) a schedule update on proposed fuel reload design methodology report submittals for Harris and Robinson, (2) its licensing approach, (3) an overview of DPC-NE-3009-P, (4) the scope of demonstration analyses to be included in DPC-NE-3009-P, (5) the core physics and power distribution analysis methodology, and (6) methodology changes from previously approved reports. Regarding its licensing approach, the licensee proposed submitting DPC-NE-3009-P as a supplement to DPC-NE-3008-P, "Thermal-Hydraulic Models for Transient Analysis," which was submitted as part of a license amendment request in November 19, 2015 (ADAMS Accession No. ML15323A351). The licensee indicated that both DPC-NE-3009-P and DPC-NE-3008-P rely on the computer codes RETRAN-3D and VIPRE-01 and thus are interrelated. The licensee also described how it plans to address the interface with other fuel reload design methodology reports currently under review. The licensee indicated that the supplement will include applicable technical specification changes for Harris and Robinson. The NRC staff and the licensee discussed the above topics, and the licensee indicated that they would consider NRC staff comments in the preparation of the supplement.

No regulatory decisions or commitments were made at the meeting.

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Please direct any inquiries to me at 301-415-6256 or Dennis.Galvin@nrc.gov.

Dennis J Galvin

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

Docket Nos. 50-400 and 50-261

Enclosure:
List of Attendees

cc w/enclosure: Distribution via Listserv

LIST OF ATTENDEES

MAY 2, 2016, MEETING WITH DUKE ENERGY PROGRESS, INC.

SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1

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

PROPOSED SUPPLEMENT TO A LICENSE AMENDMENT REQUEST REGARDING

FUEL RELOAD DESIGN METHODOLOGY REPORTS AND

TECHNICAL SPECIFICATION CHANGES

U.S. Nuclear Regulatory Commission

R. Anzalone
M. Barillas
B. Beasley
J. Dean *
N. Domenico *
D. Galvin
E. Oesterle
M. Panicker
K. West *

Duke Energy Progress, Inc.

J. Duc
B. Harvey
R. Schuff
A. Zuremba

* participated by phone

Enclosure

Please direct any inquiries to me at 301-415-6256 or Dennis.Galvin@nrc.gov.

/RA/

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

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PKG: ML16112A250 *by email

OFFICE	DORL/LPL2-2/PM	DORL/LPL2-2/LA	DSS/SNPB/BC*	DSS/SRXB/BC
NAME	DGalvin	BClayton	JDean	EOesterle
DATE	5/11/16	5/10/16	5/12/16	5/19/16
OFFICE	DSS/STSB/BC*	DORL/LPL2-2/BC	DORL/LPL2-2/PM	
NAME	AKlein	BBeasley	DGalvin	
DATE	5/11/16	5/19/16	5/20/16	

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