



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

September 20, 2018

LICENSEE: Duke Energy Carolinas, LLC

FACILITY: McGuire Nuclear Station, Unit 2

SUBJECT: SUMMARY OF AUGUST 29, 2018, LICENSING MEETING WITH DUKE ENERGY TO DISCUSS A PLANNED LICENSE AMENDMENT REQUEST TO REVISE TECHNICAL SPECIFICATION 4.2.2, "CONTROL ROD ASSEMBLIES," TO PERMIT OPERATION WITH ONE LESS THAN THE REQUIRED NUMBER OF CONTROL RODS DURING THE UPCOMING OPERATING CYCLE FOR THE MCGUIRE NUCLEAR STATION, UNIT 2 (EPID L-2018-LRM-0055)

On August 29, 2018, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Duke Energy Carolinas, LLC (Duke Energy, the licensee) via teleconference. The purpose of this meeting was to discuss the licensee's planned license amendment to revise technical specification (TS) 4.2.2, "Control Rod Assemblies," to permit operation with one less than the required number of control rods during the upcoming operating cycle for the McGuire Nuclear Station, Unit 2. The meeting notice and agenda, dated August 24, 2018, are available in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML18239A016. A list of attendees is enclosed.

The licensee presented the proposed changes in a PowerPoint slide presentation on August 29, 2018, to aid in the NRC's review (ADAMS Accession No. ML18239A368). The slides for this meeting were made available along with the public meeting notice.

During the meeting, the licensee presented the following topics:

- Plans on submitting an exigent license amendment request (LAR)
- Identification of suspected thermal sleeve wear on H-08 core location (control rod)
  - Found when reviewing video from last refueling (for another project)
- Plans to remove and replace the thermal sleeve
  - First of a kind evolution
- Technical content of planned LAR
  - One-time LAR to revise TS 4.2.2
  - Allow operation for one operating cycle without control rod in H-08 should repairs of H-08 thermal sleeve be unsuccessful
- Precedent – South Texas Project
- Planned schedule for submittal

- Submit by September 7, 2018, and seek approval to support core reload activities (begin September 28, 2018)

The NRC staff provided feedback to the licensee in the following areas:

- Licensee justification for submitting under exigent basis
- Details on planned repair
- Parameters which could be affected when operating for one cycle without control rod in H-08
- Address any plant procedures for operating with one less control rod
- Ensure no other thermal sleeves have a similar issue

No members of the public were in attendance.

No regulatory decisions were made during this meeting.

Please direct any inquiries to me at 301-415-3867 or [Michael.Mahoney@nrc.gov](mailto:Michael.Mahoney@nrc.gov).



Michael Mahoney, Project Manager  
Plant Licensing Branch LPL 2-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-370

Enclosure:  
List of Attendees

cc: via Listserv

LIST OF ATTENDEES

AUGUST 29, 2018, PUBLIC MEETING WITH DUKE ENERGY

PUBLIC MEETING REGARDING PLANNED LICENSE AMENDMENT TO REVISE TS 4.2.2,  
"CONTROL ROD ASSEMBLIES," TO PERMIT OPERATION WITH ONE LESS THAN THE  
REQUIRED NUMBER OF CONTROL RODS DURING THE UPCOMING OPERATING CYCLE

<b>NAME</b>	<b>ORGANIZATION</b>
Michael Markley	NRC/HQ
Mike Mahoney	NRC/HQ
Summer Sun	NRC/HQ
Reed Anzalone	NRC/HQ
Margaret Chernoff	NRC/HQ
Stewart Bailey	NRC/HQ
David Rudland	NRC/HQ
Stephen Cumblidge	NRC/HQ
John Tsao	NRC/HQ
Ian Tseng	NRC/HQ
Andy Hutto	NRC/RII
James Hickey	NRC/HQ
Mike Blom	Duke Energy
Nick Hager	Duke Energy
Lee Hentz	Duke Energy
Brian Kandell	Duke Energy
Scott Moser	Duke Energy
Brian Richards	Duke Energy
Jennifer Smith	Duke Energy
Jeff Thomas	Duke Energy

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**ADAMS Accession Nos.: Summary ML18250A095 Meeting Notice: ML18239A016**

OFFICE	NRR/DORL/LPL2-1/PM	NRR/DORL/LAiT	NRR/DORL/LPL2-1/LA
NAME	MMahoney	PTalukdar	KGoldstein
DATE	9/19/18	9/18/18	9/18/18
OFFICE	NRR/DORL/LPL2-1/BC	NRR/DORL/LPL2-1/PM	
NAME	MMarkley (RHall for )	MMahoney	
DATE	9/20/18	9/20/18	

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