



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

September 4, 2013

LICENSEE: Duke Energy Carolinas, LLC

FACILITY: McGuire Nuclear Station, Units 1 and 2

SUBJECT: SUMMARY OF JULY 30, 2013, PRE-APPLICATION TELECONFERENCE WITH DUKE ENERGY CAROLINAS, LLC TO DISCUSS PROPOSED RISK-INFORMED IN-SERVICE INSPECTION, 4<sup>th</sup> INTERVAL RELIEF REQUEST (TAC NOS. MF2458 AND MF2459)

On July 30, 2013, a Category 1 public pre-application teleconference was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Duke Energy Carolinas, LLC (Duke, the licensee) at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The purpose of the meeting was to discuss Duke's proposed risk-informed in-service inspection, 4<sup>th</sup> interval, relief request. The meeting notice and agenda, dated July 17, 2013, is available in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML13198A173. The licensee's slides are available in ADAMS at Accession No. ML13210A300. A list of attendees is provided as Enclosure 1.

#### DISCUSSION


The proposed action is a risk-informed in-service inspection (ISI), 4<sup>th</sup> interval, relief request using code case N-716 for all Class 1 and Class 2 piping welds. The licensee would use the risk-informed/safety based (RIS\_B) in-service inspection process in lieu of the traditional Section XI requirements. The licensee stated that the basis for this request is to focus on inspections on the most safety-significant welds, so that the number of inspections can be reduced while maintaining protection of public health and safety. The focus on the most safety-significant welds would achieve dose saving for the site. The licensee's proposed submittal would be based, in large part, on NRC approved EPRI TR 112657 Rev. B-A. The staff indicated that the licensee should consider if its proposed submittal have any deviations from the approved EPRI methodology and if there are any deviations, that it should be clearly explained in the application.

The licensee presented on the RIS-ISI process and its selection process for welds. The relief request would replace detailed evaluation of each piping segment's safety significance with a generic population of high safety significant segments based on exhaustive risk informed ISI experience to date. The licensee stated that the process entails a safety significance determination, failure potential assessment, element and NDE selection, risk impact assessment, implementation, and feedback (monitoring). The staff inquired on the licensee's selection of elements and if they consider how much coverage is available to exam when determining which welds to inspect.

No members of the public were in attendance, and no feedback forms were received. No commitments or regulatory decisions were made by the NRC staff during the meeting.

Please direct any inquiries to me at 301-415-5888, or [Jason.paige@nrc.gov](mailto:Jason.paige@nrc.gov).

Sincerely,



Jason C. Paige, Project Manager  
Plant Licensing Branch II-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-369 and 50-370

Enclosure:

1. List of Attendees

cc w/encls: Distribution via Listserv

LIST OF ATTENDEES

JULY 30, 2013, MEETING WITH DUKE ENERGY CAROLINAS, LLC

REGARDING PROPOSED RISK-INFORMED RELIEF REQUEST

U.S. NUCLEAR REGULATORY COMMISSION

Tim Lupold  
Hossein Hamzehee  
Jason Paige

DUKE ENERGY CAROLINAS, LLC

Lee Kanipe  
Jeff Robertson  
PT Vu  
Parker Downing  
Hoang Dinh  
Scott Chesworth

SCOTT CHESWORTH

Jim Moody

Please direct any inquiries to me at 301-415-5888, or Jason.paige@nrc.gov.

Sincerely,  
**/RA/**

Jason C. Paige, Project Manager  
Plant Licensing Branch II-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-369 and 50-370

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TWertz, NRR

TLupold, NRR

HHamzebee, NRR

JCassidy, EDO Region 2

**ADAMS Accession No.:** Meeting Notice ML13198A173  
Handouts ML13210A300

Meeting Summary ML13235A131  
Package ML13235A125

OFFICE	NRR/DORL/LPL2-1/PM	NRR/DORL/LPL2-1/LA	NRR/DORL/LPL2-1/BC	NRR/DORL/LPL2-1/PM
NAME	JPaige	SFiguroa	BPascarelli	JPaige
DATE	09/3/13	08/28/13	09/4/13	09/4/13

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