



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

October 12, 2022

LICENSEE: Union Electric Company

FACILITY: Callaway Plant, Unit No. 1

SUBJECT: SUMMARY OF SEPTEMBER 12, 2022, PRE-APPLICATION TELECONFERENCE WITH UNION ELECTRIC COMPANY TO DISCUSS APPROVAL TO INSERT FRAMATOME GAIA FUEL ASSEMBLIES IN ITS CORE IN RELOAD QUANTITIES FOR CALLAWAY PLANT, UNIT NO. 1 (EPID L-2022-LRM-0068)

On September 12, 2022, an Observation public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Union Electric Company, dba Ameren Missouri (the licensee) via teleconference. The purpose of the meeting was to discuss an upcoming license amendment request (LAR) for the use of Framatome GAIA fuel assemblies during its upcoming Fuel Cycle 27 which starts in October 2023. The meeting notice and agenda, dated August 30, 2022, are available in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML22242A116. Enclosed is a list of attendees at the meeting.

The licensee presented information (ML22249A329) discussing the planned LAR. The request details will be the same as the licensee's previous submittal (ML22153A174) for use of GAIA fuel assemblies, except for previously proposed technical specification (TS) changes. This change will continue use of the current TSs.

The NRC staff asked several clarifying questions based on the licensee's slide presentation, including clarification of the proposed timeline for submission and approval of the LAR. The licensee stated that this LAR will be stand-alone, having no reference to the previously withdrawn submittal or any impact on the spent fuel criticality amendment request currently under review by the NRC. The licensee also stated that this submittal will have no impact on current core power distribution limits. Both Framatome and Westinghouse will provide Core Operating Limit Reports to validate proposed core locations for the new fuel assemblies. The proposed license amendment would also include an exemption for the use of M5 cladding with the new fuel assemblies.

No regulatory decisions were made as a result of this teleconference. No Members of the public identified themselves on the teleconference. No Public Meeting Feedback forms were received.

Please direct any inquiries to me at 301-415-8371, or Mahesh.Chawla@nrc.gov.

/RA/

Mahesh Chawla, Project Manager
Plant Licensing Branch IV
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-483

Enclosure:
List of Attendees

cc: Listserv

LIST OF ATTENDEES

SEPTEMBER 12, 2022, PRE-APPLICATION TELECONFERENCE

WITH UNION ELECTRIC COMPANY

TO DISCUSS APPROVAL TO INSERT FRAMATOME GAIA FUEL ASSEMBLIES IN ITS CORE

IN RELOAD QUANTITIES FOR

CALLAWAY PLANT, UNIT NO. 1

U.S. Nuclear Regulatory Commission

Ahsan Sallman
Diana Woodyatt
Josh Whitman
Mac Chawla
Ravi Grover
Santosh Bhatt
Thomas Byrd
Andrea Keim

Dominion Energy

Brian Mount
Stephen Ogram

Members of Public

None introduced

Union Electric Company

Brent Jungmann
Brian Richardson
Christopher Ehmke
Donald Rickard
James Knaup
James McInvale
Larry Russell
Tom Elwood

Framatome

Brian Painter
Gordon Wissinger
Jackson Brakell
Kevin Segard
Michael Aldrich
Morris Byram
Rick Williamson
Thomas Gardner
Timothy Lindquist
Quang Phung
David Breeding
Paul Clifford

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SBhatt, NRR	
ASallman, NRR	

ADAMS Accession No.

Meeting Notice: ML22242A116

Meeting Summary: ML22259A119

Meeting Slides: ML22249A329

*by email

OFFICE	NRR/DORL/LPL4/PM*	NRR/DORL/LPL4/PM*	NRR/DORL/LPL4/LA*	NRR/DSS/SNSB/BC(A)*	NRR/DSS/SFNB/BC*
NAME	TByrd	MChawla	PBlechman	DWoodyatt	SKrepel
DATE	9/15/2022	9/15/2022	9/23/2022	9/29/2022	10/4/2022
OFFICE	NRR/DRO/IQVB/BC*	NRR/DSS/STSB/BC*	NRR/DORL/LPL4/BC*	NRR/DORL/LPL4/PM*	
NAME	DZhang (KKavanagh for)	VCusumano	JDixon-Herrity	MChawla	
DATE	9/29/2022	10/12/2022	10/12/2022	10/12/2022	

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