



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

October 31, 2023

LICENSEE: Entergy Operations, Inc.

FACILITIES: Arkansas Nuclear One, Unit 2, and Waterford Steam Electric Station, Unit 3

SUBJECT: SUMMARY OF OCTOBER 24, 2023, PUBLIC MEETING WITH ENTERGY OPERATIONS, INC. TO DISCUSS UPCOMING LICENSE AMENDMENT REQUEST TO VERIFY MODERATOR TEMPERATURE COEFFICIENT ADOPTING IMPROVED STANDARD TECHNICAL SPECIFICATIONS FOR ARKANSAS NUCLEAR, UNIT 2, AND WATERFORD STEAM ELECTRIC STATION, UNIT 3 (EPID L-2023-LRM-0081)

On October 24, 2023, an Observation public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and Entergy Operations, Inc. (the licensee) via teleconference. The purpose of this meeting was to discuss the licensee's upcoming license amendment request (LAR) to verify moderator temperature coefficient (MTC) by adopting improved standard technical specifications (ISTS), NUREG-1432, Revision 5, "Standard Technical Specifications for Combustion Engineering Plants," Volume 1, "Specifications," dated September 2021 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML21258A421), for Arkansas Nuclear One, Unit 2 (ANO-2), and Waterford Steam Electric Station, Unit 3 (Waterford 3). The proposed LAR would modify Technical Specification (TS) 3.1.1.4, "Reactivity Control Systems, Moderator Temperature Coefficient, Limiting Condition for Operation," for ANO- 2 and TS 3.1.1.3, "Reactivity Control Systems, Moderator Temperature Coefficient, Limiting Condition for Operation," for Waterford 3 by adopting the ISTS 3.1.3, "Moderator Temperature Coefficient (MTC) (Analog)," content. Both ANO-2 and Waterford 3 have TSs based on NUREG-0212, Revision 1, "Standard Technical Specifications for Combustion Engineering Pressurized Water Reactors" (ML17266A004). The ISTS do not include reference to any topical reports, which specify how the verification of the MTC is performed, but simply require verification of the MTC with the specific test procedure that is not included in the TSs. The proposed change to eliminate this reference from the TS Surveillance Requirement (SR) to perform the MTC verification is consistent with the ISTS. Current SRs for ANO-2 and Waterford 3 contain the word "measured," which precludes using another procedure to verify that the surveillances are met. Revising the wording in SRs from "measured" to "verified" is consistent with ISTS. Using the word "verified" will allow the use of other procedures to verify the surveillances are met. The meeting notice and agenda, dated October 2, 2023, are available in ADAMS at Accession No. ML23275A233. A list of attendees is provided in the enclosure.

The licensee provided slides for this public meeting, which are available in ADAMS at ML23296A100. The licensee stated that it is planning to submit this LAR during the first quarter of 2024 and will request NRC approval with normal schedule review.

No members of the public called into the meeting. 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) 415-1564 or by email at Siva.Lingam@nrc.gov.

/RA/

Siva P. Lingam, Project Manager
Plant Licensing Branch IV
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-368, and 50-382

Enclosure:
List of Attendees

cc: Listserv

LIST OF ATTENDEES

OCTOBER 24, 2023, PUBLIC MEETING WITH

ENTERGY OPERATIONS, INC.

REGARDING LICENSE AMENDMENT REQUEST TO USE IMPROVED STANDARD

TECHNICAL SPECIFICATIONS FOR VERIFICATION OF

MODERATOR TEMPERATURE COEFFICIENT

ARKANSAS NUCLEAR ONE, UNIT 2, AND

WATERFORD STEAM ELECTRIC STATION, UNIT 3

Name	Affiliation
Jennifer Dixon-Herrity	U.S. Nuclear Regulatory Commission (NRC)
Matthew Hamm	NRC
Siva Lingam	NRC
Adam Rau	NRC
Thomas Wengert	NRC
Chris Eastus	Entergy Operations, Inc. (Entergy)
Jonathan Hall	Entergy
Howard Mahan	Entergy
Stephanie Pyle	Entergy
Mark Reid	Entergy
David Williams	Entergy

SUBJECT: SUMMARY OF OCTOBER 24, 2023, PUBLIC MEETING WITH ENERGENCY OPERATIONS, INC. TO DISCUSS UPCOMING LICENSE AMENDMENT REQUEST TO VERIFY MODERATOR TEMPERATURE COEFFICIENT ADOPTING IMPROVED STANDARD TECHNICAL SPECIFICATIONS FOR ARKANSAS NUCLEAR, UNIT 2, AND WATERFORD STEAM ELECTRIC STATION, UNIT 3 (EPID L-2023-LRM-0081) DATED OCTOBER 31, 2023

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RidsNrrPMWaterford Resource	JHamman, OEDO

ADAMS Accession Nos.:

- ML23303A105 (Package)**
- ML23275A233 (Meeting Notice)**
- ML23296A100 (Public Meeting Slides)**
- ML23303A101 (Meeting Summary)**

*by email

OFFICE	NRR/DORL/LPL4/PM*	NRR/DORL/LPL4/LA*	NRR/DORL/LPL4/BC*	NRR/DORL/LPL4/PM*
NAME	SLingam	PBlechman	JDixon-Herrity	SLingam
DATE	10/30/2023	10/30/2023	10/31/2023	10/31/2023

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