



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

December 22, 2017

**LICENSEE:** Entergy Operations, Inc.

**FACILITIES:** Arkansas Nuclear One, Units 1 and 2; Grand Gulf Nuclear Station, Unit 1; River Bend Station, Unit 1; and Waterford Steam Electric Station, Unit 3

**SUBJECT:** SUMMARY OF DECEMBER 13, 2017, PUBLIC MEETING WITH ENTERGY OPERATIONS, INC., ON PROPOSED CHANGES TO EMERGENCY PLANS TO REVISE EMERGENCY ACTION LEVELS FOR ARKANSAS NUCLEAR ONE, UNITS 1 AND 2; GRAND GULF NUCLEAR STATION, UNIT 1; RIVER BEND STATION, UNIT 1; AND WATERFORD STEAM ELECTRIC STATION, UNIT 3 (EPID L-2017-LRM-0060)

On December 13, 2017, a Category 1 public teleconference was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Entergy Operations, Inc. (Entergy). The purpose of the meeting was to discuss Entergy's plans to submit license amendment requests to revise the emergency action levels (EALs) in the emergency plans for Arkansas Nuclear One, Units 1 and 2 (ANO); Grand Gulf Nuclear Station, Unit 1 (GGNS); River Bend Station, Unit 1 (RBS); and Waterford Steam Electric Station, Unit 3 (Waterford 3). The meeting notice and agenda, dated November 30, 2017, are available in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML17334B244. A list of meeting attendees is enclosed.

The licensee presented information regarding the schedule and contents of the upcoming license amendment requests to revise the EALs in the emergency plans for ANO, GGNS, RBS, and Waterford 3. The licensee stated that in preparing these submittals, they have looked at industry operating experience and precedents to create quality submittals. In addition, they plan to closely follow the guidance contained in Nuclear Energy Institute (NEI) 99-01, Revision 6, "Development of Emergency Action Levels for Non-Passive Reactors," dated November 2012 (ADAMS Accession No. ML12326A805). The licensee stated that they plan to include the following in each submittal:

- Comparison between the licensee-proposed changes versus the changes in NEI 99-01, Revision 6 (e.g., redline strike-out of basis document)
- Clean version of proposed basis document
- Updated calculations specific to EALs
- Wall board (to check layout and logic)
- Difference/deviation matrix

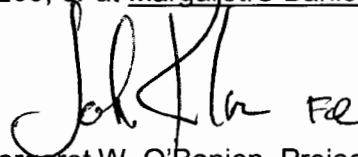
In addition, the licensee provided an overall tentative schedule for each plant's proposed submittal and implementation dates:

- ANO:
  - Submittal scheduled - March 15, 2018
  - Implementation planned - October 2019
- GGNS:
  - Submittal scheduled - January 31, 2018
  - Implementation planned - June 2019
- RBS:
  - Submittal scheduled - March 30, 2018
  - Implementation planned - September 30, 2019
- Waterford 3:
  - Submittal scheduled - March 30, 2018
  - Implementation planned - December 12, 2019

The NRC staff encouraged the licensee to ensure there is sufficient time in the implementation schedule for training the operators. In addition, the NRC staff requested the licensee to keep the plant-specific project managers up to date on any schedule changes. Lastly, NRC staff stated that the licensee needs to include a specific justification for any deviations from NEI 99-01, Revision 6.

Members of the public were not in attendance. Public Meeting Feedback forms were not received.

Please direct any inquiries to me at 301-415-1233, or at [Margaret.O'Banion@nrc.gov](mailto:Margaret.O'Banion@nrc.gov).

A handwritten signature in black ink, appearing to read 'Margaret W. O'Banion' with a stylized 'Fe' at the end.

Margaret W. O'Banion, Project Manager  
Plant Licensing Branch IV  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-313, 50-368, 50-416  
50-458 and 50-382

Enclosure:  
List of Attendees

cc: Listserv

LIST OF ATTENDEES

DECEMBER 13, 2017, MEETING WITH ENTERGY OPERATIONS, INC.

REGARDING PROPOSED CHANGES TO EMERGENCY PLANS

ARKANSAS NUCLEAR ONE, UNITS 1 AND 2

GRAND GULF NUCLEAR STATION, UNIT 1

RIVER BEND STATION, UNIT 1

WATERFORD STEAM ELECTRIC STATION, UNIT 3

Margaret O'Banion	U.S. Nuclear Regulatory Commission (NRC)
Raymond Hoffman	NRC
Thomas Wengert	NRC
Lisa Regner	NRC
Siva Lingam	NRC
April Pulvirenti	NRC
John Giddens	Entergy Operations Inc. (Entergy)
Dean Burnett	Entergy
Jack Lewis	Entergy
Fred Hurst	Entergy
Amy Perkins	Entergy
David Ellis	Entergy
David Bice	Entergy
Rick Leasure	Entergy
Jon Peters	Entergy
Alyson Coates	Entergy
John Signorelli	Entergy

Enclosure

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**DISTRIBUTION:**

PUBLIC

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TWertz, NRR

MO'Banion, NRR

LRegner, NRR

TWengert, NRR

APulvirenti, NRR

RHoffman, NSIR

JBowen, OEDO

**ADAMS Accession Nos.**

**Meeting Notice ML17334B244**

**Meeting Summary ML17353A154**

\*by e-mail

OFFICE	NRR/DORL/LPL4/PM	NRR/DORL/LPL4/LA	NSIR/DPR/RLB/BC*
NAME	MO'Banion	PBlechman	JAnderson
DATE	12/19/2017	12/21/2017	12/19/2017
OFFICE	NRR/DORL/LPL4/BC	NRR/DORL/LPL4/PM	
NAME	RPascarelli	MO'Banion (JKlos for)	
DATE	12/19/2017	12/22/2017	

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