



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

March 8, 2018

Mr. William F. Maguire
Site Vice President
River Bend Station, Unit 1
Entergy Operations, Inc.
5485 U.S. Highway 61 N
St. Francisville, LA 70775

SUBJECT: SUMMARY OF PUBLIC TELEPHONE CONFERENCE CALL HELD ON FEBRUARY 27, 2018, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND ENTERGY REGARDING REQUESTS FOR ADDITIONAL INFORMATION PERTAINING TO THE RIVER BEND STATION, UNIT 1 LICENSE RENEWAL APPLICATION REVIEW (CAC NO. MF9757)

Dear Mr. Maguire:

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of Entergy Operations, Inc. (the applicant) held a public telephone conference call on February 27, 2018, to discuss and clarify the applicant's response to the staff's requests for additional information, RAI B.1.15-1 Fuel Oil Chemistry RAI Set 4, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17347B424). The telephone conference was held at the request of NRC to clarify the applicant's response to the staff's RAI.

Enclosure 1 includes a listing of the participants and Enclosure 2 provides a summary of the key points discussed in the conference call. The applicant had an opportunity to comment on this summary.

If you have any questions, please contact me by telephone at 301-415-4084 or via e-mail at Emmanuel.Sayoc@nrc.gov.

Sincerely,

/RA/

Emmanuel Sayoc, Project Manager
License Renewal Project Branch
Division of Materials and License Renewal
Office of Nuclear Reactor Regulation

Docket No. 50-458

Enclosures:

1. List of Participants
2. Summary of the Telephone Call

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tbrous1@entergy.com
DLach@entergy.com
TSCHENK@entergy.com
alacey@entergy.com

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OFFICE	PM:DMLR:MRPB	LA:DMLR:MRPB	BC:DMLR:MRPB	PM:DMLR:MRPB
NAME	ESayoc	YEdmonds	EOesterle*	ESayoc
DATE	03/8/2018	03/8/2018	03/1/2018	03/8/2018

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LIST OF PARTICIPANTS FOR THE FEBRUARY 27, 2018
TELEPHONE CONFERENCE CALL

PARTICIPANTS

AFFILIATIONS

Eric Oesterle	U.S. Nuclear Regulatory Commission (NRC)
Matthew Yoder	NRC
William Gardner	NRC
Emmanuel Sayoc	NRC
Albert Wong	NRC
Alan Cox	Entergy Nuclear Operations Inc. (Entergy)
Dave Lach	Entergy
Alyson Coates	Entergy
Mike Cooper	Entergy
Kirk Ehren	Entergy
Steve McKissack	Entergy
Titus Folds	Entergy
Todd Sherman	Entergy
Mike Cooper	Entergy
Alisha Frederickson	Entergy
Mark Sandusky	Entergy
Lisa Borel	Entergy
Ted Ivy	Entergy
Mark Miller	Exelon
Brian Messitt	Florida Power and Light
Marvin Lewis	Member of the Public

SUMMARY OF THE TELEPHONE CALL

BACKGROUND

During the public telephone conference call the following items were discussed:

The applicant's response to RAI B.1.15-1, dated January 24, 2018, addresses the apparent absence of specific industry standards in the Updated Safety Analysis Report (USAR) and the License Renewal Application (LRA). The response states that monitoring and control of fuel oil are performed in accordance with ASTM standards D-4057, D-1796, D-2274, and D-2276.

SRP-LR Table 3.0-1, "FSAR Supplement for Aging Management of Applicable Systems," summary description provides an acceptable program description for the GALL Report AMP XI.M30, "Fuel Oil Chemistry," as per 10 CFR 54.21(d). The FSAR Supplement includes the specific ASTM standards used for monitoring and control of fuel oil contamination to maintain fuel oil quality. These ASTM standards include D-1796, D-2276, D-2709, and D-4057 to maintain the fuel oil quality.

ASTM D-2709, "Standard Test Method for Water and Sediment in Middle Distillate Fuels by Centrifuge," states that the test method covers the determination of the volume of free water and sediment in middle distillate fuels having viscosities at 40°C (104°F) in the range of 1.0 to 4.1 mm²/s (1.0 to 4.1 cSt) and densities in the range of 770 to 900 kg/m³ at 15°C. Additionally, ASTM D-2709 states, "Test Method D-1796, "Standard Test Method for Water and Sediment in Fuel Oils by the Centrifuge Method (Laboratory Procedure)," is intended for higher viscosity fuel oils."

In the response to RAI B.1.15-1, the applicant states that monitoring and control of fuel oil are performed in accordance with ASTM D-1796. The staff also recognizes that the applicant's procedure CSP-0100, "Chemistry Required Surveillances and Actions," states that the acceptance criteria for viscosity of the fuel oil is in the range of 1.9 to 4.1 cSt at 40°C, which is in the viscosity range stated in ASTM D-2709. The justification for using ASTM D-1796, which is intended for fuel oil with a higher viscosity, to test for water and sediment in the fuel oil is not clear to the staff.

During the public telephone conference call the applicant agreed to provide justification for the use of ASTM D-1796 in lieu of ASTM D-2709, or to revise the USAR supplement in the LRA to reference ASTM D-2709.

Response Date

Entergy stated that they understand the concern and will be able to provide a supplement to their RAI response no later than 30 days from the date of the public telephone conference call.