



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

August 17, 2018

Mr. John C. Dinelli
Site Vice President
Entergy Operations, Inc.
Waterford 3
17265 River Road
Killona, LA 70057-3093

SUBJECT: STATUS UPDATE AND SCHEDULE REVISION FOR THE REVIEW OF THE
WATERFORD STEAM ELECTRIC STATION, UNIT 3, LICENSE RENEWAL
APPLICATION (CAC NOS. MF7492 AND MF7493)

Dear Mr. Dinelli:

By letter dated March 23, 2016 (Agencywide Documents Access and Management System (ADAMS) Package Accession No. ML16088A324), Entergy Operations, Inc. submitted an application pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) Part 54, to renew the operating license NPF-38 for Waterford Steam Electric Station, Unit 3 (Waterford), for review by the U.S. Nuclear Regulatory Commission (NRC or the staff).

The staff's review of the RAPTOR-M3G code used for license renewal time-limited aging analyses (e.g., reactor vessel fluence calculations) resulted in a 10 CFR 50.59 violation as documented in Inspection Report 05000382/2017010 (ADAMS Accession No. ML17219A723). Resolution of this issue was addressed via a license amendment that was issued on July 23, 2018 (ADAMS Accession No. ML18180A298), in accordance with 10 CFR Part 50 (ADAMS Accession No. ML17332A898) in a timeframe earlier than was initially projected. The license renewal safety review schedule was tied to resolution of the code issue. As a result of the earlier than anticipated resolution of the code issue, the staff has revised the license renewal safety review schedule milestones for the safety evaluation report (SER), the Advisory Committee on Reactor Safeguards (ACRS) subcommittee meeting, the final SER, and the ACRS full committee meeting. In addition, the environmental review milestones have been revised due to unanticipated resource constraints and competing priorities. Your staff was informed of the revised schedule and delays throughout the license renewal application (LRA) review. Enclosed is a revised schedule for the review of the Waterford LRA.

If you have any questions on the revised schedule related to the safety review (10 CFR Part 54), please contact Ms. Phyllis Clark, Project Manager, by telephone at 301-415-6447 or via email at Phyllis.Clark@nrc.gov. If you have any questions on the schedule related to the environmental review (10 CFR Part 51), please contact Ms. Elaine Keegan, Senior Project Manager, by telephone at 301-415-8517 or via email at Elaine.Keegan@nrc.gov.

Sincerely,

/RA/

George A. Wilson, Jr., Director
Division of Materials and License Renewal
Office of Nuclear Reactor Regulation

Docket No. 50-382

Enclosure:
Revised Schedule

cc w/encl: Listserv

SUBJECT: STATUS UPDATE AND SCHEDULE REVISION FOR THE REVIEW OF THE WATERFORD STEAM ELECTRIC STATION, UNIT 3, LICENSE RENEWAL APPLICATION (CAC NOS. MF7492 AND MF7493) DATED AUGUST 17, 2018

DISTRIBUTION:

E-MAIL:

PUBLIC

RidsNrrDmlr Resource

RidsNrrPMWaterford Resource

RidsRgn4MailCenter@nrc.gov

RidsOgcMailCenter

P.Clark, DLMR
E.Keegan, DLMR
L.James, DLMR
E.Oesterle, DLMR
B.Beasely, DLMR
SRuffin, DMLR
DAiley, DMLR
B.Wittick, DE
T.Martinez-Navedo, DE
D.McIntyre, OPA
A.Pulvirenti, DORL
A.Moreno, OCA
F.Ramirez, RIV
C.Speer, RIV
K.Kennedy, RIV
J.Jarrell, RIV
D.Frey, RIV
G.Young, RIV
D.Lach, RIV
A.Taylor, RIV
A.Harris, RIV
A.Ghosh, OGC

ADAMS Accession No.:ML18221A116

*Concurred via email

OFFICE	PM: MENB:DMLR	LA:DMLR	PM: MRPB:DMLR	BC:MENB:DMLR	BC:MRPB:DMLR
NAME	PClark	SLent	EKeegan	BBeasely	EOesterle
DATE	08/14/2018	08/9/2018	08/14/2018	08/14/2018	08/14/2018
OFFICE	D:DMLR				
NAME	GWilson				
DATE	08/17/2018				

OFFICIAL RECORD COPY

WATERFORD STEAM ELECTRIC STATION, UNIT 3
 LICENSE RENEWAL APPLICATION
 REVISION OF SCHEDULE

Milestones	Schedule Date	Actual Date
Receive license renewal application (LRA)	03/23/16	03/30/16
Publish <i>Federal Register</i> Notice (FRN) – LRA availability	04/2016	04/14/16
Publish FRN – acceptance/rejection and opportunity for hearing	05/2016	05/31/16
Publish FRN – environmental scoping meeting	05/2016	06/06/16
Public Meeting – License Renewal Overview and Environmental Scoping Meeting	06/2016	06/08/16
Audit – Scoping & Screening Methodology	06/13/16	06/13/16
Deadline for filing hearing requests and petitions for intervention (60 days)	07/2016	08/01/16
Environmental scoping period ends	07/2016	08/01/16
Audit – Environmental	07/18/16	07/18/16
Audit – Aging Management Programs (Week 1)	07/11/16	07/11/16
Audit – Aging Management Programs (Week 2)	07/25/16	07/25/16
Regional Inspection – IP 71002, "License Renewal Inspection"	01/23/17 & 02/06/17	2/16/17
Issue draft supplemental environmental impact statement (SEIS)	08/2018	
End of draft SEIS comment period	10/2018	
Issue safety evaluation report (SER)	08/2018	
Advisory Committee on Reactor Safeguards (ACRS) Subcommittee meeting	09/2018	
Issue final SEIS	11/2018	
U.S. Environmental Protection Agency FRN Published-availability of final SEIS	11/2018	
Issue final SER	11/2018	
ACRS full committee meeting	11/2018	
Decision – Director, NRR	12/2018	

Enclosure