



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

December 29, 2014

Vice President, Operations
Entergy Operations, Inc.
Waterford Steam Electric Station, Unit 3
17265 River Road
Killona, LA 70057-3093

**SUBJECT: WATERFORD STEAM ELECTRIC STATION, UNIT 3 – CLOSEOUT OF REVIEW
OF CORE OPERATING LIMITS REPORT, CYCLE 20 (TAC NO. MF4718)**

Dear Sir or Madam:

By letter dated July 29, 2014 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML14241A013), Entergy Operations, Inc. (the licensee), submitted the Core Operating Limits Report (COLR) for Cycle 20, Revision 1. The COLR for Cycle 20, Revision 1, was revised to change the azimuthal power tilt limit from less than or equal 0.03 to less than or equal to 0.05.

By email dated October 21, 2014 (ADAMS Accession No. ML14295A339), the U.S. Nuclear Regulatory Commission (NRC) staff sent a request for additional information (RAI) regarding this revision to the COLR. The licensee provided a response to the RAI by letter dated December 10, 2014 (ADAMS Accession No. ML14344A992), indicating that the effect of the change in azimuthal power tilt on the assumed power peaking and control element assembly worth was evaluated and shown to be bounded by the current inputs to accident and transient analyses.

After reviewing the RAI response, the NRC staff concludes that the cycle-specific parameter limits were developed using NRC-approved methodologies and that changes between the Cycle 20 COLR and Revision 1 of the Cycle 20 COLR are conservative in nature and pose no safety concern.

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This completes the NRC staff's actions on Task Assignment Control No. MF4718.

If you have any questions, please contact me at 301-415-3229 or via e-mail at Michael.Orenak@nrc.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael D. Orenak". The signature is fluid and cursive, with the first name "Michael" being the most prominent.

Michael D. Orenak, Project Manager
Plant Licensing IV-2 and Decommissioning
Transition Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-382

cc: Distribution via Listserv

This completes the NRC staff's actions on Task Assignment Control No. MF4718.

If you have any questions, please contact me at 301-415-3229 or via e-mail at Michael.Orenak@nrc.gov.

Sincerely,

/RA/

Michael D. Orenak, Project Manager
Plant Licensing IV-2 and Decommissioning
Transition Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

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JWhitman, NRR/DSS/SRXB

ADAMS Accession No. ML 14356A314

***concurrence via email**

OFFICE	NRR/DORL/LPL4-2/PM	NRR/DORL/LPL4-2/LA	NRR/DORL/LPL4-2/LA
NAME	MOrenak	PBlechman	JBurkhardt
DATE	12/29/14	12/23/14	12/24/14
OFFICE	NRR/DSS/SRXB*	NRR/DORL/LPL4-2/BC	NRR/DORL/LPL4-2/PM
NAME	JWhitman	DBroaddus (JKim for)	MOrenak
DATE	12/19/14	12/29/14	12/29/14

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