



Entergy Operations, Inc.
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Ron Gaston
Director, Nuclear Licensing

10 CFR 50.90

RBG-47949

June 4, 2019

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: Supplement to License Amendment Request Criticality Safety Analysis,
Technical Specifications 4.3.1, Criticality, and Technical Specification 5.5,
Programs and Manuals

River Bend Station, Unit 1
NRC Docket No. ~~50-548~~ 50-458
Renewed Facility Operating License No. NPF-47

Reference: Entergy Operations, Inc. (Entergy) letter to U.S. Nuclear Regulatory
Commission (NRC), "License Amendment Request Criticality Safety
Analysis, Technical Specifications 4.3.1, Criticality, and Technical
Specification 5.5, Programs and Manuals," dated October 24, 2018
(ADAMS Accession Nos. ML18297A103 and ML18297A114)

In the referenced letter, Entergy Operations, Inc. (Entergy) submitted a License Amendment Request (LAR) to credit new NETCO-SNAP-IN[®] rack inserts for criticality control at River Bend Station, Unit 1 (RBS), using a new Criticality Safety Analysis (CSA) methodology. This letter provides clarifying information pertaining to installation of the inserts, prior to NRC approval of the LAR, but does not affect or impact the LAR. No NRC action is requested or required.

Entergy has initiated the installation of the NETCO-SNAP-IN[®] rack inserts at RBS in accordance with 10 CFR 50.59, using the existing CSA methodology. As described in the referenced LAR, Entergy will not credit the inserts using the new CSA methodology for reactivity control until the LAR is approved.

Based on the engineering analysis for the installation of the new rack inserts, using the existing CSA methodology, Entergy has identified the need to compensate for the water displacement that occurs when the inserts are installed. As a result, Entergy will credit, in the existing CSA, a small percentage of the boron in the new rack inserts for reactivity control.

Entergy has evaluated this as a compensatory measure in accordance with 10 CFR 50.59, and documented this compensatory measure in the existing operability evaluation for the spent fuel storage racks.

This letter does not contain any new commitments.

If you require additional information, please contact Mr. Tim Schenk at (225) 381-4177 or tschenk@entergy.com.

In accordance with 10 CFR 50.91(b)(1), Entergy is notifying the State of Louisiana and the State of Texas by transmitting a copy of this letter to the designated State Official.

I declare under penalty of perjury, the foregoing is true and correct. Executed on June 4, 2019.

Respectfully,

A handwritten signature in black ink, appearing to read "Ron Gaston", with a small flourish at the end.

Ron Gaston

RWG/baj

cc: NRC Regional Administrator - Region IV
NRC Project Manager - River Bend Station
NRC Senior Resident Inspector - River Bend Station
Louisiana Department of Environmental Quality
Public Utility Commission of Texas