



Entergy Operations, Inc.
1448 S.R. 333
Russellville, AR 72802
Tel 479-858-3110

John C. Dinelli
Site Vice President
Arkansas Nuclear One

10 CFR 21.21(a)(2)

1CAN032103

March 15, 2021

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

Subject: Retraction of Interim Report Concerning an Evaluation of Deviation

Arkansas Nuclear One, Unit 1
NRC Docket No. 50-313
Renewed Facility Operating License No. DPR-51

Reference: Entergy Operations, Inc. (Entergy) letter to U.S. Nuclear Regulatory Commission (NRC), "Interim Report Concerning an Evaluation of Deviation," (1CAN012101) (ML21018A005), dated January 18, 2021.

In accordance with the provisions of 10 CFR 21.21(a)(2), Entergy Operations, Inc. (Entergy) notified the U.S. Nuclear Regulatory Commission (NRC) that Entergy had preliminarily concluded the Arkansas Nuclear One, Unit 1 (ANO-1) dose analyses for the Steam Generator Tube Rupture (SGTR) design basis analysis were non-conservative (Reference 1). This letter retracts the interim Part 21 notification report based on Entergy's evaluation discussed below.

Internal reviews are in progress to determine if an appropriate steam generator flashing fraction was previously utilized as an input to the related offsite and Control Room dose analyses. While the dose calculations for the ANO-1 SGTR event may be non-conservative, there are no failures or design flaws associated with the Steam Generators (SGs) that could have impacted the ability to perform their function. The ANO-1 SGs continue to perform as originally designed. Revised dose analyses will not result in a physical change to the SGs or the manner in which the SGs are operated. Therefore, this condition does not represent a defect in a basic component, and 10 CFR 21 is not applicable to the identified condition.

Interim compensatory measures will continue to be implemented to ensure that calculated doses would comply with the limits in 10 CFR 50.67(b)(2). These measures will remain in effect until the appropriate Technical Specifications are revised.

This letter contains no new regulatory commitments.

1CAN032103

Page 2 of 2

If there are any questions, or if additional information is needed, please contact Riley Keele, Manager, Regulatory Assurance, at (479) 858-7826.

Respectfully,

ORIGINAL SIGNED BY JOHN C. DINELLI

John Dinelli

JCD/rwc

cc: NRC Region IV Regional Administrator
NRC Senior Resident Inspector – Arkansas Nuclear One
NRC Project Manager – Arkansas Nuclear One
Designated Arkansas State Official