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Ron Gaston
Director, Nuclear Licensing

10 CFR 50.55a(z)(1)

2CAN102104

October 19, 2021

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

Subject: Relief Request ANO2-R&R-012

Arkansas Nuclear One, Unit 2
NRC Docket No. 50-368
Renewed Facility Operating License No. NPF-6

Entergy Operations, Inc. (Entergy) submitted a request for an alternative via Reference 1 to the requirements of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code) to repair the Arkansas Nuclear One, Unit 2 Reactor Vessel Closure Head Penetration #46. Reference 2 provided responses to the Nuclear Regulatory Commission's (NRC) request for additional information concerning the alternative. The NRC provided verbal authorization to implement the alternative on October 13, 2021 (Reference 3).

Entergy initially intended to eliminate the indications by performing defect removal in accordance with IWA-4421(a) and IWA-4422.1(a). However, after reassessment of the data, Entergy has determined to implement a different repair strategy. Therefore, Entergy will not be utilizing or implementing the approved alternative.

The different repair methodology requires the NRC's approval, which is the subject of a separate NRC submittal.

The regulatory commitments established in Reference 1 are rescinded with this submittal.

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

Respectfully,

Ronald W. Gaston
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Ronald W. Gaston
Date: 2021.10.19
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Ron Gaston

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References:

1. Entergy Operations, Inc. (Entergy) letter to the U. S. Nuclear Regulatory Commission (NRC), " Relief Request ANO2-R&R-012 - Support the Repair of the Reactor Vessel Closure Head Penetration #46," (2CAN102102), ML21283A001, dated October 10, 2021.
2. Entergy letter to the NRC, "Response to Request for Additional Information Concerning Relief Request ANO2-R&R-012 - Support the Repair of the Reactor Vessel Closure Head Penetration #46," (2CAN102103), ML21285A326, dated October 12, 2021.
3. T. Wengert (NRC email to R. D. Keele, Jr. (Entergy), " Arkansas Nuclear One, Unit 2 – Verbal Authorization of Relief Request ANO2-R&R-012 (EPID L-2021-LLR=0082," (2CNA102102), ML21287A169, dated October 13, 2021.

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