



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

October 28, 2021

ANO Site Vice President  
Arkansas Nuclear One  
Entergy Operations, Inc.  
N-TSB-58  
1448 S.R. 333  
Russellville, AR 72802

SUBJECT: ARKANSAS NUCLEAR ONE, UNIT 2 – RELIEF REQUEST ANO2-R&R-012  
CONCERNING PROPOSED ALTERNATIVE FOR REPAIR OF REACTOR  
VESSEL CLOSURE HEAD PENETRATION #46 (EPID L-2021-LLR-0082)

Dear Sir or Madam:

By letter dated October 10, 2021 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML21283A001), as supplemented by letter dated October 12, 2021 (ADAMS Accession No. ML21285A326), Entergy Operations, Inc. (Entergy, the licensee) submitted Relief Request ANO2-R&R-012, requesting an alternative to the requirements of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code to repair the Arkansas Nuclear One, Unit 2 Reactor Vessel Closure Head Penetration #46. On October 13, 2021 (ADAMS Accession No. ML21287A169), the U.S. Nuclear Regulatory Commission (NRC) staff authorized the proposed alternative.

By letter dated October 19, 2021 (ADAMS Accession No. ML21292A196), Entergy informed the NRC that:

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.

In the letter dated October 19, 2021, the licensee further stated that the regulatory commitments established in its October 10, 2021, relief request are rescinded.

The NRC acknowledges your intent to not utilize or implement the alternative. Therefore, based on your intent not to implement the alternative and your rescission of the associated regulatory commitments, the NRC staff determines that the alternative is no longer authorized. The NRC staff activities on the review have ceased, and the associated cost activity code has been closed.

If you have any questions, please contact the Arkansas Nuclear One project manager, Tom Wengert, at (301) 415-4037 or by e-mail at [Thomas.Wengert@nrc.gov](mailto:Thomas.Wengert@nrc.gov).

Sincerely,

**/RA/**

Jennifer Dixon-Herrity, Chief  
Plant Licensing Branch IV  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-368

cc: Listserv

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DATED OCTOBER 28, 2021

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JCollins, NRR

JTsao, NRR

CBasavaraju, NRR

KHsu, NRR

IAnchondo-Lopez, NRR

**ADAMS Accession No. ML21293A096**

**\*concurrence via e-mail**

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|--------|-------------------|-------------------|-------------------|-------------------|
| OFFICE | NRR/DORL/LPL4/PM* | NRR/DORL/LPL4/LA* | NRR/DNRL/NPHP/BC* | NRR/DORL/LPL4/BC* |
| NAME   | TWengert          | PBlechman         | MMitchell         | JDixon-Herrity    |
| DATE   | 10/21/2021        | 10/20/2021        | 10/25/2021        | 10/28/2021        |

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