



Entergy Operations, Inc.  
1340 Echelon Parkway  
Jackson, MS 39213  
Tel 601-368-5102

**Phil Couture**  
Senior Manager, Fleet Regulatory  
Assurance

10 CFR 50.55a(g)(6)(ii)(D)

1CAN042102

April 28, 2021

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

Subject: Relief Request ANO1-ISI-026  
  
Arkansas Nuclear One, Unit 1  
NRC Docket No. 50-313  
Renewed Facility Operating License No. DPR-51

- References:
1. U.S. Nuclear Regulatory Commission (NRC) letter to Entergy Operations, Inc. (Entergy), "Arkansas Nuclear One, Unit 1 – Request for Alternative ANO1-ISI-024 from Volumetric/Surface Examination Frequency Requirements of the American Society of Mechanical Engineers Code Case N-729-1 (TAC NO. MF4022)," (1CNA121404) (ML14330A207), dated December 23, 2014.
  2. NRC letter to Entergy, "Arkansas Nuclear One, Unit 1 – Request for Alternative ANO1-ISI-026 from Volumetric/Surface Examination Frequency Requirements of the American Society of Mechanical Engineers Code Case N-729-1 (CAC NO. MF8007)," (1CNA021701) (ML17018A283), dated February 13, 2017.

The American Society of Mechanical Engineers (ASME) Section XI Code Case N-729-1, "*Alternative Examination Requirements for PWR Reactor Vessel Upper Heads With Nozzles Having Pressure-Retaining Partial Penetration Welds*," established a frequency of 10 years for the volumetric examination of the reactor vessel upper head nozzles. Entergy Operations, Inc. (Entergy) previously submitted two relief requests to extend the frequency for this examination at Arkansas Nuclear One, Unit 1 (ANO-1) to approximately 15.5 years. The NRC approved both extensions (References 1 and 2).

Subsequent to the approval to extend this frequency, the NRC revised 10 CFR 50.55a(g)(6)(ii)(D) to require implementation of Revision 6 of the code case (N-729-6). This section of the regulation also stipulates that all previous NRC-approved alternatives from

the requirements of paragraph (g)(6)(ii)(D) remain valid. Entergy has updated the current ANO-1 in-service inspection program plan to include the requirements of Code Case N-729-6.

The purpose of this letter is to notify the NRC that Entergy is no longer using ANO-1 relief request ANO1-ISI-026. ANO-1 will comply with the requirements of Code Case N-729-6, as conditioned by 10 CFR 50.55a(g)(6)(ii)(D). This letter is provided for information only and no response is requested from the NRC.

This letter contains no new regulatory commitments.

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

Respectfully,

**Philip  
Couture** Digitally signed  
by Philip Couture  
Date: 2021.04.28  
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PC/rwc

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