

From: [Kalyanam, Kaly](#)  
To: [CLARK, ROBERT W](#)  
Cc: [Chen, Qiao-Lynn](#); [Burkhardt, Janet](#)  
Subject: RAI on Request for Relief No. ANO2-ISI-013  
Date: Wednesday, July 18, 2012 4:36:54 PM

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Ms. Chen,

When you get a chance, could you please include this email in ADAMS?

Thanks

Kaly

The SUNSI information as follows:

Plant: Arkansas Nuclear One, Unit 2

Docket No.: 50/368

Subject: RAI on Request for Relief No. ANO2-ISI-013

TAC No.: ME8275

SUNSI Review Done: Yes. Not Publicly Available, Normal Release, Non-sensitive,

From: David Bice

To: N. Kalyanam

REQUEST FOR ADDITIONAL INFORMATION

ON THE THIRD TEN YEAR INSERVICE INSPECTION INTERVAL

REQUESTS FOR RELIEF

ARKANSAS NUCLEAR ONE, UNIT 2

DOCKET NUMBER: 50-368

(TAC NUMBER: ME8275)

By letter dated March 26, 2012 (Agencywide Documents Access and Management System (ADAMS) Accession Number ML12086A293), Entergy (the licensee) submitted Request for Relief (RR) No. ANO2-ISI-013, from the requirements of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code), Section XI, for Arkansas Nuclear One, Unit 2 (ANO, Unit 2).

In accordance with Title 10 of the Code of Federal Regulations (10 CFR)

50.55a(g)(5)(iii), the licensee has submitted the subject requests for relief for limited examinations in multiple ASME Code Examination Categories. The ASME Code requires that 100% of the examination volumes, or surface areas, described in ASME Code, Section XI, Tables IWB-2500, and IWC-2500 be performed during each interval. The licensee stated that 100% of the ASME Code-required volumes, were impractical to obtain at ANO, Unit 2.

The request for relief apply to the third 10-year inservice inspection (ISI) interval, in which the ASME Code of record for the ANO, Unit 2 third 10-year ISI interval program is the 2001 Edition through the 2003 Addenda of Section XI of the ASME Code. ANO, Unit 2 also uses the 1995 Edition through the 1996 Addenda for ultrasonic testing (UT) examination requirements. The ANO, Unit 2 third 10-year ISI interval ended on March 25, 2010. The licensee extended the third 10-year ISI interval by one year in accordance with ASME Code, Section XI, Paragraph IWA-2430 for the 2R21 (twenty-first) refueling outage.

The NRC has reviewed the information submitted by the licensee and determined the following additional information is required to complete the evaluation.

REQUEST FOR RELIEF ANO2-ISI-013 ASME CODE, SECTION XI, TABLE  
IWC-2500-1, EXAMINATION CATEGORY C-B, ITEM C2.21 PRESSURE  
RETAINING NOZZLE WELDS IN VESSELS

- 1 Were any indications found during the surface examinations? If any, describe the indications e.g., length, width, etc., and disposition of the indication.
- 2 Provide the material type of the subject nozzle and vessel.
- 3 Describe the configuration of the nozzle or provide a drawing of the subject nozzle.