

**From:** Kalyanam, Kaly  
**Sent:** Tuesday, April 13, 2010 9:54 AM  
**To:** CLARK, ROBERT W  
**Cc:** BICE, DAVID B  
**Subject:** RAI on ANO-2 Request for Alternative ANO2\_ISI-004 (TAC No. ME2508)

Dave/Bob,

By letter dated October 19, 2009, Entergy Operations, Inc. (Entergy) submitted Request for Alternative ANO2-ISI-004, "Proposed Alternative to Extend the Third 10-Year Inservice Inspection Interval for Reactor Vessel Weld Examinations," for Arkansas Nuclear One, Unit 2.

The NRC Staff has reviewed the Request for Alternative and determined that it requires additional information to complete its review. A request for additional information appears below.

Please provide the response to this RAI within 45 days of receipt of this email. If it is likely that you can not meet this date, please let me know.

Thanks

Kaly

REQUEST FOR ADDITIONAL INFORMATION ON RELIEF  
REQUEST FOR

ARKANSAS NUCLEAR ONE, UNIT 2

DOCKET NO. 50-368

ISI SCHEDULE: ANO2-ISI-004

TAC NO: ME2508

1. In Table 3, "Details of TWCF Calculation – ANO Unit 2 at 48 Effective Full Power Years (EFPY)," input values are given for Cu, Ni, and fluence for each beltline material. These values are not all consistent with Nuclear Regulatory Commission (NRC) records. The Cu and Ni values are consistent with Arkansas Nuclear One, Unit 2 (ANO-2) License Renewal Application (LRA), Agencywide Documents Access and Management System, (ADAMS), Accession No. ML032890506, but were not consistent with Safety Analysis Report (SAR), Amendment No. 19. Fluence values are not consistent with the LRA or

the SAR. Please identify a docketed and reviewed reference containing these values, or provide a technical basis for the change from previous values. If any input values are changed, please provide the appropriate revised calculations.

2. Table 2, "Additional Information Pertaining to Reactor Vessel Inspection – ANO-2," states that ANO-2 is bounded by 13 heatups/cooldowns per year. Please cite the plant design basis for heatup/cooldowns per year.

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### Mail Envelope Properties ()

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Created By: Kaly.Kalyanam@nrc.gov

### Recipients:

RCLARK@entergy.com (CLARK, ROBERT W)  
Tracking Status: None  
DBICE@entergy.com (BICE, DAVID B)  
Tracking Status: None

### Post Office:

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