



Entergy Operations, Inc.
1448 S.R. 333
Russellville, AR 72802
Tel 479-858-4704

Stephanie L. Pyle
Manager, Licensing
Arkansas Nuclear One

2CAN091202

September 4, 2012

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

SUBJECT: Response to the Request for Additional Information Regarding
Request for Relief ANO2-ISI-013
Arkansas Nuclear One, Unit 2
Docket No. 50-368
License No. NPF-6

REFERENCES: 1. Entergy letter to NRC, "Requests for Relief from American Society of
Mechanical Engineers (ASME) Section XI Volumetric and Surface
Examination Requirements – Third 10-Year Interval," dated
March 26, 2012 (2CAN031203) (ML12086A293)

2. NRC email to Entergy, "RAI on Request for Relief No. ANO2-ISI-013,"
dated July 18, 2012 (TAC No. ME8275)

Dear Sir or Madam:

Entergy Operations, Inc. requested NRC's approval of several Requests for Relief for Arkansas Nuclear One, Unit 2 via Reference 1. These requests are associated with the requirements of the ASME, Boiler and Pressure Vessel Code, Section XI pertaining to volumetric and surface examinations. In several locations, the required coverage cannot be obtained due to interference or geometry.

In Reference 2, the NRC determined that additional information was needed to complete the review of Request for Relief ANO2-ISI-013 provided in Reference 1. Attached are the requests for additional information and corresponding responses.

This submittal contains no regulatory commitments.

Should you have any questions, please contact me.

Sincerely,

Original Signed by Stephenie L. Pyle

SLP/rwc

Attachment: Request for Additional Information Request for Relief ANO2-ISI-013

cc: Mr. Elmo E. Collins
Regional Administrator
U. S. Nuclear Regulatory Commission, Region IV
1600 East Lamar Boulevard
Arlington, TX 76011-4511

NRC Senior Resident Inspector
Arkansas Nuclear One
P. O. Box 310
London, AR 72847

U. S. Nuclear Regulatory Commission
Attn: Mr. Kaly Kalyanam
MS O-8 B1
One White Flint North
11555 Rockville Pike
Rockville, MD 20852

Attachment to

2CAN091202

**Response to
Request for Additional Information
Request for Relief ANO2-ISI-013**

REQUEST FOR ADDITIONAL INFORMATION
REQUEST FOR RELIEF ANO2-ISI-013

1. **Were any indications found during the surface examinations? If any, describe the indications (e.g., length, width, etc.) and disposition of the indication.**

No indications were found during the surface examinations.

2. **Provide the material type of the subject nozzle and vessel.**

SA-508 CA 3

3. **Describe the configuration of the nozzle or provide a drawing of the subject nozzle.**

A drawing of the Steam Generator "B" feedwater nozzle is provided below.

