

NRR-PMDAPEm Resource

From: Elwood, Thomas B [TElwood@ameren.com]
Sent: Thursday, April 17, 2014 12:57 AM
To: Lyon, Fred
Subject: FW: Responses to Clarification Questions re Relief Request I3R-15 (TAC No. MF2921)

Fred –

Responses to the questions are provided as follows.

- Tom

From: Doughty, Jerry A
Sent: Wednesday, April 16, 2014 3:12 PM
To: Elwood, Thomas B
Cc: Forster, Gordon A; Hoehn, Michael G; Kovar, James P
Subject: RE: Clarification questions on Callaway relief request I3R-15 (TAC No. MF2921)

1. The licensee stated in Section 5 of I3R-15,

In addition, the non-isolable Class 1 portion of lines BB-020-BCA-2", BB-037-BCA-2", and BB-074-BCA-2" are volumetrically examined as part of an augmented ISI program in accordance with MRP-146 (Materials Reliability Program: Management of Thermal Fatigue in Normally Stagnant Non-Isolable Reactor Coolant System Branch Lines)."

In addition, one pipe-to-elbow weld (2-EJ-04-F034) between valves BBPV8702A and BBHV8701A on line EJ-001-BCA-12" and one pipe-to-elbow weld (2-EJ-04-S014-D) between valves BBPV8702B and BBHV8701B on line EJ-008-BCA-12" are examined as part of Callaway's Inservice Inspection (ISI) Program.

What type of examination (volumetric, surface, visual, ...) did the licensee perform?

Response:

BB-074-BCA-2": The downstream pipe adjacent to the first elbow off the main loop reactor coolant system piping is volumetrically examined (ultrasonic examination) from the socket connection to one inch downstream.

BB-037-BCA-2" and BB-020-BCA-2": The base metal of the bottom half of the first elbow off the main loop reactor coolant system piping is volumetrically examined (ultrasonic examination) including the down-stream pipe to elbow weld.

2-EJ-04-F034 and 2-EJ-04-S014-D. The welds are volumetrically examined (ultrasonic examination).

2. The licensee also stated,

In addition, the pipe-to-valve weld (2-BG-21-F012) on line BB-004-BCA-3" to valve BB8378A is volumetrically examined as part of Callaway's ISI program.

In addition, the pipe-to-valve weld (2-BG-24-FW061) on line BG-027-BCA-2" to valve BBV0084 is volumetrically examined as part of Callaway's ISI program.

In addition, the pipe-to-valve weld (line BG-027-BCA to BBV0084) for the inboard isolation valve is volumetrically examined as part of Callaway's ISI program.

The non-isolable, Class 1 portions of drain lines BB-020-BCA-2", BB-037-BCA-2", and BB-074-BCA-2" are now volumetrically examined as part of an augmented ISI program in accordance with MRP-146 program.

Did the licensee find any rejectable indications, and leakage, in the pipes and the components during the above examinations?

Response:

Neither recordable indications nor signs of leakage have been found during the above examinations.

Jerry Doughty :: C 573.220.5145

From: Elwood, Thomas B
Sent: Wednesday, April 16, 2014 12:03 PM
To: Hoehn, Michael G; Doughty, Jerry A; Kovar, James P
Subject: FW: Clarification questions on Callaway relief request I3R-15 (TAC No. MF2921)

Guys -

Fred Lyon forwarded these questions to us this morning. I don't know if this will officially become an RAI or not, but we should answer the questions promptly anyway.

- Tom

From: Lyon, Fred [mailto:Fred.Lyon@nrc.gov]
Sent: Wednesday, April 16, 2014 5:58 AM
To: Elwood, Thomas B
Cc: Maglio, Scott A
Subject: Clarification questions on Callaway relief request I3R-15 (TAC No. MF2921)

The reviewer has two clarification questions below. Thanks, Fred

1. The licensee stated in Section 5 of I3R-15,

In addition, the non-isolable Class 1 portion of lines BB-020-BCA-2", BB-037-BCA-2", and BB-074-BCA-2" are volumetrically examined as part of an augmented ISI program in accordance with MRP-146 (Materials Reliability Program: Management of Thermal Fatigue in Normally Stagnant Non-Isolable Reactor Coolant System Branch Lines)."

In addition, one pipe-to-elbow weld (2-EJ-04-F034) between valves BBPV8702A and BBHV8701A on line EJ-001-BCA-12" and one pipe-to-elbow weld (2-EJ-04-S014-D) between valves BBPV8702B and BBHV8701B on line EJ-008-BCA-12" are examined as part of Callaway's Inservice Inspection (ISI) Program.

What type of examination (volumetric, surface, visual, ...) did the licensee perform?

2. The licensee also stated,

In addition, the pipe-to-valve weld (2-BG-21-F012) on line BB-004-BCA-3" to valve BB8378A is volumetrically examined as part of Callaway's ISI program.

In addition, the pipe-to-valve weld (2-BG-24-FW061) on line BG-027-BCA-2" to valve BBV0084 is volumetrically examined as part of Callaway's ISI program.

In addition, the pipe-to-valve weld (line BG-027-BCA to BBV0084) for the inboard isolation valve is volumetrically examined as part of Callaway's ISI program.

The non-isolable, Class 1 portions of drain lines BB-020-BCA-2", BB-037-BCA-2", and BB-074-BCA-2" are now volumetrically examined as part of an augmented ISI program in accordance with MRP-146 program.

Did the licensee find any rejectable indications, and leakage, in the pipes and the components during the above examinations?

The information contained in this message may be privileged and/or confidential and protected from disclosure. If the reader of this message is not the intended recipient, or an employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. Note that any views or opinions presented in this message are solely those of the author and do not necessarily represent those of Ameren. All e-mails are subject to monitoring and archival. Finally, the recipient should check this message and any attachments for the presence of viruses. Ameren accepts no liability for any damage caused by any virus transmitted by this e-mail. If you have received this in error, please notify the sender immediately by replying to the message and deleting the material from any computer. Ameren Corporation

Hearing Identifier: NRR_PMDA
Email Number: 1233

Mail Envelope Properties (B8242B3F682F7A48B62D0C2FFDA0EF96056474592F)

Subject: FW: Responses to Clarification Questions re Relief Request I3R-15 (TAC No. MF2921)
Sent Date: 4/17/2014 12:56:30 AM
Received Date: 4/17/2014 12:56:36 AM
From: Elwood, Thomas B

Created By: TElwood@ameren.com

Recipients:
"Lyon, Fred" <Fred.Lyon@nrc.gov>
Tracking Status: None

Post Office: exchcal1.corp.dir.ameren.com

Files	Size	Date & Time
MESSAGE	6517	4/17/2014 12:56:36 AM

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received: