

From: Thomas Alexion
To: SBENNE2@entergy.com
Date: 4/19/02 2:41PM
Subject: QUESTIONS ON 15-DAY RESPONSE TO BULLETIN 2002-01

Steve,

See the attached.

Tom

CC: Eddy Crowe; Jeffrey Clark; Kathy Weaver; Linda Smith; Russ Bywater

QUESTIONS ON ENTERGY'S 15-DAY RESPONSE TO BULLETIN 2002-01,
"REACTOR PRESSURE VESSEL HEAD DEGRADATION
AND REACTOR COOLANT PRESSURE BOUNDARY INTEGRITY"
ARKANSAS NUCLEAR ONE, UNITS 1 AND 2 (ANO-1 AND ANO-2)

1. It was indicated that 1 nozzle at ANO-1 has been repaired due to leakage. Please discuss whether there were opportunities to discover a cavity outside the nozzle during the repair process (through pre- or post-repair inspections, through preparation of the area for repair, etc.).
2. Has the boric acid on the insulation at ANO-2 been cleaned? If not, are there any plans to clean it?
3. Are any actions taken to prevent/minimize the amount of boric acid that is sprayed onto the head during the venting operation? Please describe these actions.
4. With regard to future inspection plans, please define the type of evaluation that is stated in the following response to question 1.D for both ANO units: "If throughwall or throughweld cracks are found and a concentration of boron is found protruding through the annulus region of the penetration, an evaluation will be performed to determine if there is potential for wastage of the adjacent vessel material."
5. Since the insulation on ANO-2 cannot be easily removed, please address whether or not ultrasonic testing (UT) of the nozzles in ANO-2 alone (i.e. eddy current (EC) testing on only some of the nozzles) will identify reactor pressure vessel head wastage.

Mail Envelope Properties (3CC064F0.509 : 0 : 20628)

Subject: QUESTIONS ON 15-DAY RESPONSE TO BULLETIN 2002-01
Creation Date: 4/19/02 2:41PM
From: Thomas Alexion

Created By: TWA@nrc.gov

Recipients	Action	Date & Time
entergy.com SBENNE2 (<u>SBENNE2@entergy.com</u>)	Transferred	04/19/02 02:42PM

nrc.gov ARL_PO.ARL_DO ELC1 CC (Eddy Crowe) JAC CC (Jeffrey Clark) KDW CC (Kathy Weaver) LJS CC (Linda Smith) RLB3 CC (Russ Bywater)	Delivered	04/19/02 02:42PM
---	-----------	------------------

Post Office	Delivered	Route
ARL_PO.ARL_DO	04/19/02 02:42PM	entergy.com nrc.gov

Files	Size	Date & Time
BULL2002-01RAI#1.wpd	3219	04/19/02 02:35PM
MESSAGE	657	04/19/02 02:41PM

Options

Auto Delete:	No
Expiration Date:	None
Notify Recipients:	Yes
Priority:	Standard
Reply Requested:	No
Return Notification:	None

Concealed Subject:	No
Security:	Standard

To Be Delivered:	Immediate
Status Tracking:	Delivered & Opened