

From: Thomas Alexion
To: DAVANT, GUY H
Date: 4/1/04 12:46PM
Subject: QUESTIONS ON RESIDUAL STRESSES

Guy,

See the attached.

Tom

Mail Envelope Properties (406C557A.25C : 0 : 20628)

Subject: QUESTIONS ON RESIDUAL STRESSES
Creation Date: 4/1/04 12:46PM
From: Thomas Alexion

Created By: TWA@nrc.gov

Recipients	Action	Date & Time
entergy.com		
GDAVANT (DAVANT, GUY H)		

Post Office	Delivered	Route
	Pending	entergy.com

Files	Size	Date & Time
ResidualStresses.wpd	2509	04/01/04 12:43PM
MESSAGE	655	04/01/04 12:46PM

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

QUESTIONS RELATED TO RESIDUAL STRESSES
RELIEF REQUEST R&R-006
ARKANSAS NUCLEAR ONE, UNIT 1

1. In the ANO Calculation 86-E-0074-156, weld residual stresses were not considered. The revised analysis considered the weld residual stresses. Discuss the technical basis for including the residual stresses in the revised analysis and excluding the residual stresses in the previous analysis.
2. Clarify whether the J-groove weld and butter weld were heat treated to relieve residual stresses during ANO-1 reactor vessel head fabrication.
3. How many plants has Framatome performed the same J-groove weld calculations, as performed for the ANO-1 plant?