

**From:** William Cullen , *RC*  
**To:** Steven Long  
**Date:** Tuesday, October 08, 2002 9:59AM  
**Subject:** Re: Fwd: Sample Plan Phase 3

*WCL*

Steve - Those numbers agree with the spreadsheet that was sent up on 10/1, so we're all on the same page. I agree that those numbers are less than the ultrasonic-based measurements that were taken just a few days after the cavity was discovered. Those readings yielded an average of 0.297 (depending on which readings one chooses to throw away).

BC

>>> Steven Long 10/08/02 08:35AM >>>  
Bill,

It took me a while to find this. The "revised" thickness infor is in the first of the two PDF attachments.

Steve

*834-7725*

*1/1*

*rel*

**From:** William Cullen *RES*  
**To:** Jeannette Torres  
**Date:** 11/27/02 12:13PM  
**Subject:** Fwd: Sample Plan Phase 3

**From:** Steven Long *INRA*  
**To:** William Cullen  
**Date:** 10/8/02 8:36AM  
**Subject:** Fwd: Sample Plan Phase 3

Bill,

It took me a while to find this. The "revised" thickness infor is in the first of the two PDF attachments.

Steve

**From:** <mkleisure@firstenergycorp.com>  
**To:** <ajm@nrc.gov>  
**Date:** 9/10/02 10:22AM  
**Subject:** Sample Plan Phase 3

Tony-

As you requested this morning, attached is Condition Report (CR) 02-05705 on the clad cracks and related photos. I have also attached a copy of CR 02-05536 regarding a circumferential J-groove weld crack indication that was described in the status update of 9/3 that was transmitted to Jon Hopkins on 9/6.

I discussed the clad crack issue with Hongqing Xu of Framatome. He confirms that there are no indications that the crack is through wall. He also confirms that the cracks appear to be at a junction between two weld beads and are running parallel to the direction of the weld beads. All lab activities with this sample are on hold. Hongqing is working on updating the Sample Plan to discuss and address the discovery of the clad cracks.

I will be calling you later today to discuss setting up a conference call for sometime tomorrow morning to further discuss these issues.

(See attached file: CR02-05705.PDF)(See attached file: piece A2 top view of cavity.jpg)(See attached file: pc A2 crack in clad.jpg)(See attached file: CR02-05536.PDF)

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