

From: Rick Croteau, OCM
To: Allen Hiser, NRR
Date: 11/7/01 3:15PM
Subject: preliminary staff assessment on the head nozzle cracking

Allen,

I've taken a quick look at the 11/6/01 memo to John Larkins regarding the preliminary staff assessment on the head nozzle cracking and I have a couple of questions.

According to figure 23: assuming an initial flaw size of 165 degrees and a head temperature of 325C, it would take approximately 30 months to failure.

According to Figure 10 it appears that it would be even longer to failure. In addition, a difference of 6 months on the x-axis equates to an difference in initial flaw size of 30 degrees. Meaning if the initial flaw size was 135 degrees rather than 165 degrees, it would be six months longer to failure.

Am I interpreting figures 10 and 23 correctly?

What is the basis for the December 31, 2001 date?

Thanks,
Rick

CC: Bill Bateman; Jack Strosnider; Stacey Rosenberg

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