From: James Trapp
To: David Lew
Date: Wed, Sep 20, 2000 7:44 AM
Subject: Fwd: Update

(2)

A1191

From: James Trapp
To: Steven Long
Date: Fri, Sep 15, 2000 10:13 AM
Subject: Update

The licensee's PRA guy had little to add today. He said we would set up a call for mid next week during which we would appreciate your participation.

New Points:

1.) They will attempt to dispute the .5 rupture/leak assumption by looking at actual s/g tube condition, crack growth, etc. I'm not sure if this approach will hold-up because it's almost getting back to the CCDP versus delta-CDF question. The new program I thought looks at what could have happened due to the performance issues in 1997. Looking at specific tube cracks seems to me to be more of a CCDP type analysis. NUREG 6365, table 12, indicates that there were 2 PWSCC tube failures Surry-2 & Doel-2 that resulted in leak rates of 330 and 135 gpm, respectively. It seems like using actual industry data is the appropriate approach for a delta-CDF analysis. It also appears that trying to establish that PWSCC can't result in a tube rupture is a waste of time since it happened at Surry!

2.) The licensee is looking into operator response, EOPs and training to see if the contribution from the SLB induced ruptures can be reduced. There are currently some screening valves for HEPs that were assumed to be 0.1 that they feel could be more accurately estimated.

3.) The current PRA has an improved ATWS model and the CDF contribution from ATWS has gone from 1E-6 to 4.4E-7. Therefore, the licensee feels the ATWS contribution for induced SGTRs would be minimal.

4.) Severe accident review is underway and the licensee's PRA guru had nothing to add at this time.

5.) Doug said that they would discuss LERF in the sense that many of the SGTR sequences would likely result in a late not early release. However, it didn't sound like they would make a frontal assult on the delta-cdf ~ delta-LERF assumption.

6.) Reading between the lines, it appears that they are shooting for a delta-CDF in the 1E-6 range.

CC: Brian Holian; Thomas Shedlosky; Wayne Schmidt