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To: James Trapp; Steven Long *NRL*
Date: 3/20/01 8:14AM
Subject: Differences between the ASP/SDP Analysis for the IP2 SGTR Event

Jim/Steve:

I have reviewed the ASP analysis performed by Pat O'Reilly. Before Pat O'Reilly left on vacation, he determined the main difference between the ASP and the SDP analyses for this event. The purpose of this e-mail is to communicate to you this main difference.

The CCDP calculated by the ASP Program is $8E-05$. The CCDP used in the SDP is $3E-05$. The main difference is attributed to the difference in the probability used for human error to depressurize RCS after the steam generator relief valves lift.

The ASP Program uses a $2E-02$ probability (default value used in the SPAR 3i model). This value is greater than the value used by the licensee (which was an input to SDP) in their analysis. Considering the limited time available to the operator to depressurize after the S/G relief valve lifts, before it gets stuck open, we determined that the value used in SPAR 3i ($2E-02$) is appropriate for this analysis.

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