

**From:** Steven Long, *NRR*  
**To:** Patrick Milano, *NRR*  
**Date:** 3/29/01 3:38PM  
**Subject:** Latest try at Q1

Pat,

The attached file is my latest attempt.

Steve

J/72

However, for other cases where the results may be a pair of "whites" or a "white" and a "yellow," when evaluated separately, there may be potential for a "red" when taken together. That could change our regulatory response. As discussed in response to question 4, the written SDP procedures have been revised to make it clear that it is our intent to consider ~~quantify~~ the combined effects of concurrent conditions to the extent that it is feasible to do so. The combined effect can be calculated as  $\Delta CDF$  and  $\Delta LERF$ . But there is a potential problem in deciding how to apply these quantitative joint risk results to multiple performance issues in a manner that is appropriate for use in the ROP Action Matrix. For cases where the combined effects produce risk results that are higher than the sum of the risk results for the individually quantified effects, the difference is associated with more than one performance problem. Assigning the color for the combined risk to each of the contributing problems could result in over-counting the total effect on risk. But, treating the combined problems as one, with its color determined by the total risk effect, might diminish the response in comparison to what would be warranted by separate treatment of the multiple individual problems with lessor colors. This question of how to account for the combined effects when they are important is still under review.