

From: David Loveless
To: Don Marksberry
Date: Fri, Jun 18, 2004 3:50 PM
Subject: Re: Input for LOOP analysis

Don,

As you know, we cannot hope to do the level of review that you perform on an ASP during the week or so we have to conduct our analysis. I do appreciate the list, it will help us work better with your group.

I'm attaching the change sets that I used with the PaloVerde SPAR 3.03. These:

- 1) Update the LOOP recovery
- 2) Establish zero test and maintenance condition that PV was in
- 3) Set up a grid-related LOOP, and
- 4) Fail EDG A and Charging Pump E

The EDG failure was a circuitry failure in the exciter circuit and was considered unrecoverable. The charging pump was air bound through an operator error. I also assumed that it was unrecoverable before core damage.

The remaining issues that the AIT is looking at are:

2 of the 6 feeder breakers from offsite power to the vital 4160 buses failed to close when recovering offsite power. One each on Units 1 and 3. I'm considering whether or not to change the recovery value.

The other issue is the availability of the Gas-Turbines (SBO power). It is not clear that they could provide power to all three units. . .so I'm determining how this should be factored into the Station wide CCDP.

Thanks for any help or feedback you guys could provide. The goal is to have the analysis complete by the end of next week.

Feel free to call me: 817-860-8161

Thanks,

David

>>> Don Marksberry 06/17/04 03:57PM >>>
Dave,

Here is a generic list of information needs that we typically obtain to perform an ASP analysis of a LOOP event. I pulled this list together based on lessons learned from about 10 LOOP analyses that we did during the past year.

Let us know if we can assist you (I'm assuming that you are involved) in performing the risk analysis of the Palo Verde event. We will be glad to review your analysis and get you our constructive comments back in short order. Gary DeMoss was involved with the August 14, 2003 grid LOOP analyses, so he knows the SPAR model and analysis methods for LOOPS.

Feel free to call me (301-415-6378) or Gary (301-415-6225).

DM