

1 **Volume III, Distribution – Appendix 3, Attachment C**

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3 **Q. Under 3.2 *Reliability Implication*, it states “The correlation between the number of**  
4 **power interruptions and the length of feeders is very apparent statistically. This is**  
5 **illustrated in figure 3 below”. Please indicate the correlation coefficient of the trend**  
6 **line in Figure 3 and indicate whether the correlation coefficient indicates that this**  
7 **trend line is statistically significant?**

8

9 A. The data in the Figure 3 graph noted has a positive correlation between feeder length and  
10 feeder SAIDI with correlation coefficient is 0.2929. While a visual inspection would  
11 tend to confirm this positive correlation, it is not statistically significant.