

Industry Questions on Bulletin 2012-01

Rockville, MD
August 21, 2012

Questions on Requested Action 1

- Please provide clarification on “credited off-site power circuit or another power sources”. What is meant by ‘another power source’?

Questions on Requested Action 1

- We believe that most of the Industry did not design to detect and automatically respond to a single open phase and anticipate that most will answer “no” to this question. If answered “no”, we anticipate providing information on the existing undervoltage relays as response to 1a and 1b. Do you anticipate anything additional?

Questions on Requested Action 1

- For Question 1c, we anticipate addressing assumed electrical consequences only answered from the perspective of generic information (EPRI Report 1025772 and Basler 2002 technical paper). Do you anticipate anything additional?

Questions on Requested Action 1

- The Summary of the Byron Event states that it resulted “in a phase C open circuit **and** a high impedance ground fault”. The ground was a result of the open connection and was not a separate occurrence. The requests are for discussion of “a single-phase open circuit condition **or** high impedance ground fault condition”. We anticipate addressing the high resistance ground only as it affects the open phase. Do you anticipate anything additional?

Questions on Requested Action 2

- For Question 2a, “Offsite power sources” is not defined in the Bulletin. We anticipate this response will identify stations which power their ESF buses from sources other than the station main generator during normal power operations. Do you anticipate anything additional?

Questions on Requested Action 2

- This item requests information on “what major loads are connected”. We anticipate responding with the major loads on the ESF buses that are *energized* during normal operations. Do you anticipate anything additional?

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