

Request for Information on CRV project
Questions/answers 7

17 Oct. 14

Question from vendor

“Provide reference customers to whom you have provided network related services where a network outage may contribute to safety of life concerns, and/or for whom you have contributed to a safety case.”

Could you please clarify what is meant in terms of contributed to a safety case?

Answer

The contribution to a safety case refers to ICAO Doc 9859 Safety Management Manual, or more generally to all activities contributing to the demonstration that a safety of life risk has been made acceptable by a systematic approach.

This encompasses different activities:

- To identify of causes/precursors of failures potentially leading to the operational hazards identified by your customer(s). In the case of CRV it will be identified by the CRV safety preliminary analysis (which will be provided as an input).
- To conduct a FMCEA - Failure Mode Cause & Effect Analysis of the proposed network design(s) or any other equivalent approach to identify supplementary hazards if any resulting from a cause or a combination of causes
- To eliminate or mitigate causes/precursors of failures by the solution design (alerting, redundancy, dissimilarity, etc), operational procedures and/or training of your staff,
- To bring the evidences to your customer that all safety requirements that were allocated to you are met in the scope under your responsibility
- To provide regular measurement of safety indicators as requested by your customer.
