
RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION

9/23/2016

**SAFETY SYSTEM DIGITAL PLATFORM
- MELTAC (MITSUBISHI ELECTRIC TOTAL ADVANCED CONTROLLER) -
TOPICAL REPORT**

Mitsubishi Electric Corporation

TAC NO.: MF4228
RAI NO.: #1
DATE OF RAI ISSUE: 6/29/2016

QUESTION NO.: 1 for JEXU-1041-1015, "MELTAC Platform ISG-04 Conformance Analysis"

With regards to the response to Staff Position 2; the last sentence of staff position 2 is not addressed, that is "This protection must be sustained despite any operation, malfunction, design error, communication error, or software error or corruption existing or originating outside the division." Please provide additional information to demonstrate compliance with this position.

ANSWER:

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Impact on Technical Report.

Section 3.1.2 of JEXU-1041-1015, "MELTAC Platform ISG-04 Conformance Analysis" will be revised by adding the above evaluation (see Attachment-1).

3.1.2 Staff Position 2

Requirement
The safety function of each safety channel should be protected from adverse influence from outside the division of which that channel is a member. Information and signals originating outside the division must not be able to inhibit or delay the safety function. This protection must be implemented within the affected division (rather than in the sources outside the division), and must not itself be affected by any condition or information from outside the affected division. This protection must be sustained despite any operation, malfunction, design error, communication error, or software error or corruption existing or originating outside the division.
Analysis

ISG-04-1