

6850000 TRAFFIC CONTROL SYSTEM AUXILIARIES
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

William Davies
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Comments: (12-8-14)

There needs to be a provision in the specification that stipulates that the UPS will disconnect any overhead illuminated signs or street light luminaires that are powered from the controller cabinet while it is running on battery power. In most cases, the UPS will go into overload if it has to run the signal and the overhead signs.

Response: Changes made. Due to the emergency nature of this operation, only equipment needed to keep the intersection signalized needs to be backed up. If the revised version is not sufficient, additional research is needed to further clarify.

Mike Irwin
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Comments: (12-12-14)

685-2-1: Recommend adding this requirement to the end of 685-2-1 just to be consistent. Other signalization devices have required the manufacturer or supplier to provide a notarized certification that the products, parts, etc. are QPL/APL approved devices.

Response: No changes made. The proposed is not consistent with what is normally specified in these specifications and is not recommended. The product's verified listing on the APL at the time of inspection is sufficient. A notarized statement from a manufacturer or supplier is not a verification of certification and should not be relied upon as verification.

Jose Kandarappallil
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Comments: (12-12-14)

Section 685-2.2.5 – Recommend adding the sentence: “The cabinet must conform to section A676-1 of the MSTCSD and to satisfy the ventilation requirements per A676-4.4 of MSTCSD.”
Section 685-6 Warranty – Recommend adding the sentence “The battery life must satisfy the 5 year performance per section 685-2.2.3.”

Response: No changes made regarding first comment. Section A676 of the MSTCSD has been incorporated into Section 676 of the SSRBC. The ventilation requirements listed in A676 are still required in 676.

Changes were made regarding the second comment due to the different warranty requirements for the UPS and the external batteries.

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Comments: (12-12-14)
685-4 Testing: The field acceptance test plan should be in the cabinet.

Response: Changes made. Clarified the field acceptance test plan must be provided as part of the documentation required in 685-7.
