

AdHoc – Inspection Windows (and Barriers)
Report as provided to Switchgear Assemblies Sub-Committee
SPRING 2018 MEETING
Disney’s Contemporary Resort, Lake Buena Vista, FL

Membership and attendance status were not recorded.

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Recommendation to Switchgear Assemblies Sub-Committee based on discussions as follows:

Propose revision to IEEE C37.20.2 with respect to barriers:

7.7 Metallic barriers

MC switchgear shall be provided with metal barriers between primary sections of adjacent vertical sections and between major primary sections of each circuit. Primary sections include the bus compartment, the primary entrance compartment, the removable element compartment, the voltage transformer(s) compartment, and the control power transformer(s) compartment. To minimize the possibility of communicating faults between primary sections, the barriers between primary sections shall have no intentional openings.

Barriers between adjacent vertical sections and between compartments shall not be provided with windows or ports for visual inspection, infrared scanning, or any other purpose.

Barriers are provided to segregate the voltage transformers for each polyphase circuit but not to segregate them individually.

Where buses penetrate barriers, suitable bushings or other insulation shall be provided.

Reported by:

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