

**AT&T ENGINEERING REQUIREMENT CHANGE NOTIFICATION - AT&T-TP-76400-001**

**TO: ALL AT&T ENGINEERING SUPPLIERS**

**Date: 4/23/07**

**EFFECTIVE DATE: 5 days from posted date or per Supplier's contract**

**Submitter's Name: Al Bergman**

**TP: TP76400 Subject: Frame and Aisle Lighting Action: Modification **X****

**Section: 8 Section Title: CABLE RACK, AUXILIARY FRAMING AND LIGHTING SYSTEMS**

**Subsection: 5 Section Title: FRAME AND AISLE LIGHTING - FLUORESCENT**

**Subsection: 5.2 Subsection Title: Engineering Requirements**

**Prior to Change:**

- 5.2.17 For aisles having an ultimate length of 15 feet or less, a single switch shall be used to control the aisle fixtures. This switch shall be mounted on the end toward the main cross-aisle. In cases where only one aisle fixture is required, this fixture shall be connected to the essential AC bus.
- 5.2.18 If the line of frames is less than 15 feet, but it is to be extended at a later date, a 3-way switch shall be provided at the originating end. Initially, this switch is connected for single-pole operation, when the line-up is extended beyond 15 feet, another 3-way switch shall be provided for the growing end, and the switches shall be connected for 3-way operation.

**Post Change:**

5.2.17 For aisles having an ultimate length of 15 feet or less, a single switch shall be used to control the aisle **light** fixtures. This switch shall be mounted on the end toward the main cross-aisle.

5.2.18 Light fixtures in equipment areas shall be connected to lighting panels supplied by essential AC Power

5.2.19 If the line of frames is less than 15 feet, but it is to be extended at a later date, a 3-way switch shall be provided at the originating end.

5.2.20 Initially, the **3-way** switch is connected for single-pole operation. When the line-up is extended **beyond 15 feet**, another 3-way switch shall be provided for the growing end, and the switches shall be connected for 3-way operation.

Questions relative to this ERCN should be addressed to Laurie Gustin at 310-640-4220

Laurie Gustin

Project Manager Area Manager, NP&E

Enterprise Technology Support

[Laurie.gustin@att.com](mailto:Laurie.gustin@att.com)

Access the TP's on the Extranet Site <https://ebiznet.sbc.com/sbcnebs>

**Concurred:**

Senior Engineering Manager-Network Quality, West (Laurie Page) Date: 4-23-07

Senior Engineering Manager-Network Quality, Southwest (Crissy Holmes) Date: 4-23-07

Senior Installation Manager-Network Quality, Midwest (Charles Stahulak) Date: 4-23-07

Area Manager Common Systems Power & Lighting (Al Bergman & Bon Pipkin) Date: 4-23-07

**Release Approved**

Area Manager Enterprise Technology Support (Mike Burghardt) Date: 4-23-07