

**Memorandum**

December 3, 2010

**To:** Bruce Chrisman  
**From:** Nancy Grossman   
**Subject:** Revised FESHM Chapter 5046 – Low Voltage, High Current Power Distribution Systems

FESHM Chapter 5046 – Low Voltage, High Current Power Distribution Systems has been updated. Revisions include:

1. Added the word severe to the first sentence.
2. Added the following to the third paragraph: “The criteria do not apply to the protection of bus-works of low voltage high current power supplies powering magnet loads, which normally require customized over-current, over-temperature, and ground fault protection. Electrical activities on these systems must also comply with Chapter 5041”.

This chapter went out for Lab-wide review and all issues were addressed. After final approval, please return this approval page to Jody Federwitz at MS119 for posting on the web.

Encl.

**Recommended for Approval:**

  
\_\_\_\_\_  
Bruce Chrisman

12/8/10  
Date

**Approved:**

  
\_\_\_\_\_  
Piermaria Oddone

12/8/10  
Date