

## 2008 NATIONAL ELECTRICAL CODE

Number	Article	New / Continued
NEC 2008 01	90.2(B)(5)(b)	New
NEC 2008 02	210.12(B)	Continued (NEC 2005 01)

### SOUTH CAROLINA MODIFICATIONS TO THE 2008 EDITION OF THE NATIONAL ELECTRICAL CODE

As authorized by Section 6-9-40 of the South Carolina Code of Laws, 1976 as amended, the South Carolina Building Codes Council has approved the following modifications to the 2008 edition of the National Electrical Code (NEC). The approved modifications under Section 6-9-40 are mandatory for all local jurisdictions and must be incorporated into the National Electrical Code.

**Modification Number:** NEC 2008 01.

**Article:** 90.2(B)(5)b.

**Modification:** Language was added to the sentence.

The modified section will now read: b. Are located in legally established easements, rights-of-way, or by other agreements either designated by or recognized by public service commissions, utility commissions, or other regulatory agencies having jurisdiction for such installations, or

**Reason:** To provide a more concise understanding of the additional agreements and rules that govern an electric utility's operations.

**Proponent:** Duke Energy

**Effective Date:** July 1, 2009.

**Modification Number:** NEC 2008 02.

**Article:** 210.12(B) Arc-Fault Circuit-Interrupter Protection.

**Modification:** An additional exception was added to omit arc-fault protection in bedrooms for circuits serving smoke detectors only.

The modified section will now read: (c) A circuit serving no outlets within the bedroom except the smoke detector shall not be protected by an arc-fault protector.

**Reason:** A smoke detector is a static load most unlikely to create a fault that would lead to arcing, except in reacting to smoke or fire. The current state of the art of arc fault detectors has not proven to be reliable. It is not prudent to entrust the operation of something as crucial to life safety as smoke detectors to circuits with arc fault protection.

**Proponent:** City of Rock Hill Electric Advisory Board

**Effective Date:** July 1, 2007.