

NEW HAMPSHIRE STATE BUILDING CODE
PROPOSED AMENDMENT FORM

Proposed amendment submitted by:

Name: Representative Mark Proulx

EL-17-03-17

Date: 01.30.2017

Company /Organization: State of NH House of Representative

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Applicable code:

Applicable code section:

Select only one code: IEBC-15 IBC-15 IRC-15 IPC-15 IMC-15 IECC-15 IEBC-15 **NEC-17 (NFPA 70)**

Current language (including section numbers and include prior adopted amendments):

210.12 Arc-Fault Circuit Interrupter Protection. Arc Fault Circuit Interrupter protection shall be provided as required in 210.12 (A), (B) and (C). The arc fault circuit interrupter shall be installed in a readily accessible location.

Check one: Delete without substitution: Add new section to read as follows:
 Delete section and substitute the following: Revise section to read as follows:
Show Line through material to be deleted. Underline material to be added.

Prior Adopted Amendment EL-14 – 02 -15

Insert exception (2) after exception (1) following the opening paragraph of 210.12 as follows:

Exception: 1

Where the connection of listed device or appliance for a medical purposes is determined by a New Hampshire licensed electrician as the cause of repeated tripping of an AFCI, that AFCI shall be permitted to be replaced with a device that does not provide AFCI protection in accordance with (1) and (2).

(1) Marking. A label shall be provided at the branch circuit overcurrent protective device and at all receptacles supplied by that branch circuit stating "No AFCI Protection."

(2) Notification. A form available at the NH Electricians' Licensing Board website shall be filed with the Board and local authority having jurisdiction by the licensed electrician removing the AFCI. The form shall be filed by registered letter or email with a read receipt requested within five (5) working days following the AFCI replacement.

Proposed code language:

Exception: 2

After repeated tripping of an AFCI device and determination the branch circuit is not causing the AFCI to trip, an AFCI device shall be permitted to be replaced with one without AFCI protection in accordance with (A) – (D).

(A) Marking. All receptacle outlets on the branch circuit without AFCI protection shall be marked “No AFCI Protection.”

(B) Notifications. An incident report shall be filed by registered letter or email with a read receipt requested in accordance with (a) and (b)

(a) By the property owner to all occupants if applicable: and

(b) By the electrician with the New Hampshire Electricians’ Licensing Board if he or she is performing the replacement

(C) Time Periods. The time periods for the AFCI device replacement and incident reporting shall be in accordance with (1) and (2):

(1) The device without AFCI protection shall be permitted to remain in place for the period of time it takes for the manufacturer(s) to resolve the matter.

(2) The incident report shall be post marked within 5 working days or by email with an electronic read receipt request within 5 working days of replacing the AFCI device.

(D) Incident Report: A form available at the NH Electricians’ Licensing Board website shall be used to file with the Board by the owner or licensed electrician removing the AFCI.

Reason / Justification:

This is proposed to allow an alternative method to deal with any new products that have not been tested to work properly with AFCI protection required by the 2017 NEC and to allow the AFCI manufacturers time to resolve this problem.

It is also a hope that by adopting this amendment that the existing legislation will not be needed and that this can be addressed here at the BCRB like most other amendments.

Financial Analysis/Fiscal Impact of proposed amendment:

There may or may not be any fiscal impact due to this proposed amendment. The intention is to provide a code compliant option for such situations that may arise.

For Building Code Review Board Use:

Not approved: _____ Approved: SB Approved with modifications: _____

Scheduled Hearing Date: _____ Exhibit #: _____

Chair’s Signature: Shawn G. Bergeron Date: 10 March 2017

Printed Name: Shawn G. Bergeron