



Electrical Glitch Modifications

This document created by the Florida Department of Community Affairs -
850-487-1824

TAC: Electrical

Sub Code: Residential

Total Mods for O[^]&G: 1

Date Submitted	3/18/2011	Section	3404	Proponent	Jennifer Hatfield
Chapter	34	Affects HVHZ	No	Attachments	No
TAC Recommendation	Pending Review				
Commission Action	Pending Review				
Comments					
General Comments	No	Alternate Language	No		

Related Modifications

According to the proponent, small business will not be affected by this modification.

Summary of Modification

Removes language to conform with change made in the Building Code, Section 2705 during the 2010 code cycle. The exemption from the NEC requirement for a GFCI to be used on pool pumps in certain applications needs to be removed from both documents for consistency.

Rationale

Removes language to conform with change made in the Building Code, Section 2705 during the 2010 code cycle. The exemption from the NEC requirement for a GFCI to be used on pool pumps in certain applications needs to be removed from both documents for consistency.

Fiscal Impact Statement**Impact to local entity relative to enforcement of code**

None

Impact to building and property owners relative to cost of compliance with code

None

Impact to industry relative to the cost of compliance with code

None

Requirements**Has a reasonable and substantial connection with the health, safety, and welfare of the general public**

Addresses a consistency concern.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by eliminating an inconsistency and removing an exemption that can no longer be allowed due to new UL requirements that require a pool pump to have GFCI protection.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

It does not.

Does not degrade the effectiveness of the code

It does not degrade the effectiveness of the code. The proposal improves the effectiveness by addressing an inconsistency that could cause confusion.

Section 3404 GFCI Protection

3404.1 NFPA 70-08: National Electric Code, Article 680 (Swimming Pools, Fountains, and Similar Installation), Section 680.22(B), GFCI Protection, is amended to read as follows:

(B) GFCI Protection. ~~Outlets supplying pool pump motors from branch circuits with short-circuit and ground-fault protection rated 15 or 20 amperes, 125 volt or 240 volt, single phase, whether by receptacle or direct connection, shall be provided with ground-fault circuit interrupter protection for personnel.~~

Exception: ~~One and two-family dwellings.~~