Form for Proposals on NFPA National Electrical Code

NFPA Document and Reference: NFPA 70   Section 210-8 (3)

SUBMITTER INFORMATION:

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Representing: U.S. Consumer Product Safety Commission staff   **Country:** U.S.A.

Please indicate organization represented (if any)   **Date:** 08 /3/1999

FOR EACH PROPOSAL, PLEASE COMPLETE EACH OF THE FOLLOWING:

1.a)Document Title: National Electrical Code   **NFPA No.: 70**   **Year: 1999**

b) Article/Section: Section 210-8 (3)

2. Proposal recommends: (Check one):   ☐ new text   ☒ revised text   ☐ deleted tex

3. Proposal (include proposed new or revised wording, or identification of wording to be deleted):

210-8. Ground-Fault Circuit-Interrupter Protection for Personnel.

(a) Dwelling Units....

(3) Outdoors. The device(s) providing ground-fault circuit-interrupter protection for personnel shall remove the power normally available for the loads at protected receptacles, and not restore this power, if the protection device fails to operate as intended in the test mode.

4. Statement of Problem and Substantiation for Proposal:

Data available from the files of the U.S. Consumer Product Safety Commission (CPSC) and Underwriters Laboratories (UL) indicate that a significant number of ground-fault circuit-interrupter (GFCI) devices installed in the field are inoperative. Until recently, the only GFCI devices that were available did not remove electrical power to loads when the device failed to operate as intended in the test mode. For example, when a GFCI test button was pushed and the reset button did not actuate, the GFCI still permitted the delivery of electrical power. Now, however, GFCIs are available that prevent the restoration of electrical power when the device is tested and fails the test. Such enhanced GFCIs should be used, as a minimum, to protect outdoor receptacles, because outdoor receptacles are considered to be high risk locations with many grounded surfaces.

5.   ☒ This Proposal is original material.
   ☐ This Proposal is not original material; its source (if known) is as follows: