Form for Proposals on NFPA National Electrical Code

NFPA Document and Reference: NFPA 70	210-12 (c) (new paragraph)
SUBMITTER INFORMATION:	
First Name: William	Last Name: King
Company: U.S. Consumer Product Safety	Telephone#: 301-504-0508, ext. 1296
Address 1: 4330 East West Highway	PO Box:
Address 2:	
City: Bethesda	State: MD Zip: 20814-4408
Representing: U.S. Consumer Product Safety	Country: U.S.A.
Commission staff Please indicate organization represented	I (if any) Date: 09/07/1999
FOR EACH PROPOSAL, PLEASE COMPLETE EACH OF THE FOLLOWING:	
1.a)Document Title: National Electrical Code	NFPA No.: 70 Year: 1999
b) Article/Section: 210-12 (c) (new paragraph)	
2. Proposal recommends: (Check one):	revised text deleted tex
3. Proposal (include proposed new or revised wording, or identif	ication of wording to be deleted):
lighting and appliance branch circuit shall be individually when the service equipment is replaced. FPN: See Section 230-XX (Editorial note: Section is separately to the CMP for Article 230, to complement the 210-12. For information purposes, the proposed new Se Replacement of Service Equipment in Dwelling Units. Treplaced, each existing 125-volt, single-phase, 15- and 2 shall be individually protected by an arc-fault circuit into	230-XX is a proposed new section, submitted his proposed new paragraph (c) to Section ection 230-XX reads as follows: 230-XX. When service equipment in dwelling units is 20-ampere lighting and appliance branch circuit
4. Statement of Problem and Substantiation for Proposal: According to a study conducted by the U.S. Consumer P "Residential Electrical Distribution System Fires", Smith circuit wiring predominately occurred in dwellings over occurring in dwellings over 40 years old. Older dwelling service equipment to accomodate an increase in the service equipment loads. However, often times, the existing ligh units are not replaced when the service is upgraded, due evaluate the remaining life expectancy of the branch circ frequently located in concealed spaces surrounded with t condition at the time the service is upgraded. This propo- addition of arc-fault circuit interruption (AFCI) protection branch circuit conductors.	h & McCoskrie, 1987, fires originating in branch 20 years old, with the highest rates of fires gs are frequently upgraded with replacement ice rating to supply additional appliance and hting and appliance branch circuits in dwelling to the increased cost, and/or the inability to cuit conductors. The branch circuit conductors are thermal insulation, and could be in a deteriorated osal is intended to remedy this situation with the
 This Proposal is original material. Yhis Proposal is not original material; its source (if known) 	wn) is as follows: