CPSA 6 (b)(1) cleared
No Mfg. Privileges or
Products Identified
Excepted by
Firms Notified,
Comments Processed.

L O G O F M E E T I N G

SUBJECT: Electrical Wiring Devices Incorporating Overcurrent Protection

DATE: September 2, 1994 **PLACE:** Room 611
East West Towers

DATE OF LOG ENTRY: September 2, 1994

SOURCE OF LOG ENTRY: William H. King, Jr., ESEE

CPSC PARTICIPANTS: William H. King, Jr., ESEE
Robert Northedge, ES
Ed Krawiec, ESEE

NON-CPSC PARTICIPANTS:
Terry Macalady, Bussmann Div of Cooper Ind.
Paul Steiner, Bussmann Div of Cooper Ind.
Mary Spock, Product Safety Letter

SUMMARY:

Mr. Macalady requested the meeting to brief the CPSC technical staff on possible product developments from Bussmann that may be of interest to the CPSC staff with regard to the Home Electrical System Fires Project.

Mr. Macalady indicated the need for fast-acting, current-limiting overcurrent protection to protect the electrical wiring systems of older residences from fire in the event of an electrical short circuit. He indicated that older wiring systems may not have sufficient short-circuit interrupting capacity and that higher fault currents are available today at residential services including apartment buildings.

Mr. Macalady discussed the possibility of current-limiting fuses being provided in a meter socket adapter for application at residential services. His company is considering such a product and is planning to conduct lab tests to demonstrate the need. Mr. Macalady also discussed overcurrent protection at receptacle outlets and fused line cords for appliances.

Mr. King responded that the CPSC staff will provide information that Bussmann shared with us to the CPSC contractor that is studying the technology that could be applied to existing residences to address the electrical wiring problems.

Mr. Macalady advised that he would keep the CPSC staff informed of product developments.