MFR/PRVLBR NOTIFIED
_____ No Comments made
_____ Comments attached
_____ Excisions/Revisions
✓ Firm has not requested further notice

Section 15

13 MAR 1995

EPIDEMIOLOGIC INVESTIGATION REPORT

1. CASE NO. 950217CAA1372	2. INVESTIGATOR'S ID 8055	3. OFFICE CODE 802	
4. DATE OF ACCIDENT YR 95 MO 02 DAY 04	5. DATE INVESTIGATION INITIATED YR 95 MO 02 DAY 21		

6. SYNOPSIS OF ACCIDENT OR COMPLAINT A consumer reported that a two month old smoke alarm for the hearing impaired malfunctioned in that the flashing of this alarm was enormously bright, that its sound was intermittant, and that its load resistor was hot and glowing. No injuries resulted from this accident.

7. LOCATION (Home, school, etc.) Home 10	8. CITY Needham	9. STATE MA
10A. FIRST PRODUCT Smoke alarm 0702	11A. TRADE/BRAND NAME, MODEL NUMBER, MANUFACTURER & ADDRESS First Alert Model SA1005 BRK Electronics 780 McLure Rd. Aurora, IL 60504	
10B. SECOND PRODUCT	11B. TRADE/BRAND NAME, MODEL NUMBER, MANUFACTURER & ADDRESS	
12. AGE OF VICTIM 999	13. SEX (Use numerical code) MALE - 1 FEMALE - 2 UNKNOWN - 3: 9	14. DISPOSITION No injury 0
15. INJURY DIAGNOSIS No injury 70		
16. BODY PART No injury 99	17. RESPONDENT(S) (Mother, Friend) Complainant 1	18. TYPE INVESTIGATION ON SITE 1 TELEPHONE 2 OTHER 3: 2
19. TIME SPENT 060		
20. ATTACHMENTS No attachments 0	21. CASE SOURCE Consumer Complaint 07	22. REVIEWED BY 8342 YR 95 MO 03 DAY 06

23. PERMISSION TO DISCLOSE NAMES (NON-NEISS CASES ONLY) Telephone
CPSC MAY DISCLOSE MY NAME [X] CPSC MAY NOT DISCLOSE MY NAME [ ]

24. NARRATIVE (See Instructions on Other Side)

25. REGIONAL OFFICE DIRECTOR REVIEW DATE
ROS /13

(USE OTHER SIDE AND ADDITIONAL SHEETS IF NECESSARY)

CPSC FORM NO. 182 (Revised 10/85)

APPROVED FOR USE THROUGH 5/31/94 OMB NO. 3041-0029

950217CAA1372

PRE-ACCIDENT:

The complainant explained that he is a professor of physics and that on 12/4/94 he purchased a new model SA100S First Alert brand electric smoke detector for the hearing impaired at the Home Quarters retail store in Norwood, MA. 02062.

The complainant reported that he installed this smoke alarm in a bedroom ceiling on the second floor of his home, according to the manufacturer's instructions on 12/4/94. He added that this alarm was installed in an existing bedroom ceiling circuit and that this circuit was not controlled by a wall switch. he also said that when he installed the alarm, he checked the polarity.

The complainant reported that this smoke alarm functioned and tested properly from the time of installation until the incident date and that during testing it would flash and sound and that its LED would glow to indicate that it had power.

ACCIDENT:

The complainant reported that when his wife was getting ready for bed at approximately 2400 hours, on the accident date, she observed that this alarm was flashing, that it was not sounding its alarm, that no smoke was present and that there was an odor of burning materials in the area of this alarm.

POST-ACCIDENT:

The complainant stated that when he touched the alarm, he found that it was warm and that when he opened it, he found that one component, a load resistor, was clearly overloaded since it was glowing. He added that this resistor was cylindrically-shaped and was approximately 3/4" long and approximately 1/2" in diameter.

The complainant stated that he observed that the flashing of this alarm at the time of the accident was enormously bright, much like a photoflash, and that this alarm would also intermittently sound a very low noise.

The complainant stated that the breaker protecting this circuit did not trip during this incident and that when he was removing this smoke detector, he checked to be sure that the polarity of its installation was correct.

The complainant said that he advised the manufacturer by telephone of this accident and that they provided him with their FEDEX # so that he could return this detector to them on 2/6/95. (Attn Beth Weber) for a refund of his purchase price.

STANDARDS INFORMATION:

The complainant reported that this detector is listed with Underwriters Laboratories.

PRODUCT IDENTIFICATION

The complainant reported that the smoke alarm that was involved in this accident was a Model SA1005 First Alert brand alarm for the hearing impaired that was manufactured by BRK Electronics 780 McLure Road Aurora, IL. 60504-2495. He also said that this alarm had never been damaged or repaired, prior to this accident and that the electric service in his home always functions properly.

ATTACHMENTS:

None.

COC/dbs

BOS

6PI

O'CONNELL

**********FOR OFFICIAL USE ONLY! DO NOT RELEASE!**********

ACCIDENT INVESTIGATION REQUEST FORM

Document Number: H520106A H520104A0

Date of Incident: 2/4/95 Category I.D.: SEPT 15 1995

Follow-up Requested: Section 15

Type Follow-up Requested: X Telephone Call __On-site

Headquarters Contact: Dave Johnson

Assignment Message:

Mfg. has recovered incident unit; complainant sent 2/15/95. Please conduct telephone IDI to provide background on incident: concentrate on consumer installation: qualifications? Wire polarity? Did detector appear to operate correctly after installation? Please fax narative to Dave Johnson as soon as completed; firm is sharing technical examination of detector with us, we will be sharing IDI narrative with them.

Person(s) to contact: complainant

Guideline: 9010.40, Chapter 10 Enforcement Policy and Procedures

Requested by: Dave Johnson ((310)504-0608 x 1357)

Task Number: 950217CAH1372

CPSC 324E (jdj 4-29-93)

NYCO 2/17/95

Rcvd 2/6 2/14/95

CONSUMER PRODUCT INCIDENT REPORT

1. NAME OF RESPONDENT
Eberharb Von Goeler

2. PHONE NO. (HOME) 617-449-2296 (WORK) 617-373-2937

3. STREET ADDRESS
88 Lindbergh Avenue

4. CITY
Needham

STATE ZIP CODE
MA 02194

5. DESCRIBE INCIDENT OR HAZARD, INCLUDING DATA ON INJURIES
Smoke detector flashed and consumer saw smoke coming from detector. Consumer saw flames (size unknown) coming from inside detector and removed detector from bedroom ceiling; flames self-extinguished. Detector's inner components were partially melted. 2/4/95 Consumer sent a letter explaining incident to manufacturer. 2/6/95 Consumer called and explained incident to dealer's manager (name unknown) who thanked consumer for reporting incident
-cont-

6. DATE OF INCIDENTS
2/4/95

7. IF INJURY OR NEAR MISS OBTAIN AGE/SEX
0 Y/N
AND DESCRIBE INJURY
none

8. IF VICTIM DIFFERENT FROM RESPONDENT, PROVIDE NAME
none
RELATIONSHIP
none

9. DESCRIPTION OF PRODUCT
electric smoke detector for hearing impaired

10. BRAND NAME
First Alert Smoke Detector

11. MFR/DISTRIBUTOR NAME, ADDR. & PHONE
First Alert
780 McClure Road
Aurora, IL 60504-2495
unknown
unknown
unknown
unknown

12. MODEL, SERIAL NUMBERS
SA100S

13. DEALER'S NAME, ADDRESS & PHONE
Home Quarters
unknown
Norwood, MA 00000
unknown

14. WAS THE PRODUCT DAMAGED, REPAIRED OR MODIFIED? YES x NO IF YES, BEFORE OR AFTER THE INCIDENT? after DESCRIBE: damaged: see narrative

15. PRODUCT PURCHASED NEW x USED
DATE PURCHASED 12/4/94 AGE 2 mos.

16. DOES PRODUCT HAVE WARNING LABELS? IF SO, NOTE: unknown

17. HAVE YOU CONTACTED THE MANUFACTURER? YES x NO
IF NOT, DO YOU PLAN TO CONTACT THEM? YES NO OTHER?

18. IS THE PRODUCT STILL AVAILABLE? YES x NO
IF NOT, ITS DISPOSITION

19. MAY WE USE YOUR NAME WITH THIS REPORT?
YES x NO

FOR ADMINISTRATION USE

20. DATE RECEIVED
02/07/95

21. RECEIVED BY (NAME & OFFICE)
sec/HL

22. DOCUMENT NO.
H9520106A

23. FOLLOW-UP ACTION
9502176444372

24. PRODUCT CODE(S)
0702

25. DISTRIBUTION

26. ENDORSER'S NAME & TITLE
Wt 2 | 1/95
Ayn to MSh

CPSC FORM 175 (9/89)

CONSUMER PRODUCT INCIDENT REPORT N9520106A

Narrative Continued

to dealer. Consumer originally installed smoke detector. Detector has a device that flashes every few seconds to alert a hearing impaired person that there is smoke in their home. UL listing unknown.

Distributor phone #: unknown

CPSC Source: L/S GOVT

- sent to company
Beth Weber
yesterday
they sent fedex number -
708-851-7330

Beth Weber - Customer Svc.
1. When finish - hold from us
2. What find on unit

Do have unit
3 or 4 nos

No problem to copy -
maybe 1 week... -

- installation
- other ability problems