

7/15 rec

July 9, 1980

Applicant	5209
Check No.	340 (230-24)
Amount	
Type of Fee	Amendment
Date Check Rec'd	JUL 18 1980
Received By	Brown

RECEIVED BY LFMB	
Date	JUL 18 1980
Log	JULY PG 12 Amend.
By	BROWN
Orig. To	
Action Compl.	7/18/80

Firex Corporation
464 Wisconsin Ave.
Downers Grove, Ill. 60515
(312) 963-1550

Mr. James A. Jones
U.S. Nuclear Regulatory Commission
Radioisotopes Licensing Branch
Division of Fuel Cycle and Material Safety
Washington, D.C. 20555

Re: Amendment to license nos. 12-15537-01 and 12-15537-02E for the following items:

- A. Customer return requirement.
- B. New source and holder.
- C. New model.
- D. Old address.

30-11357

30-9301

Mr. Jones:

Our present label, attached to each Firex smoke alarm, states that the device should be returned to the manufacturer for repair or disposal. We are deleting this statement from our label per NRC ruling (Federal Register - 1/9/80). All "point-of-purchase" packaging will include the statement "This detector contains radioactive material (1.0 μ Ci - Am 241) and has been manufactured in compliance with U.S. NRC safety criteria in 10CFR 32.27. The purchaser is exempt from any regulatory requirements, 12-15537-02E"

We intend to incorporate a smaller source and holder as a design option for all models of Firex smoke alarms. The source, unchanged in material, activity, or radionuclide, will be 2.5 mm in diameter as opposed to the 5.0 mm diameter of our present source. The source holder, currently a 5/16 - 40 screw, will be a #10-40 stainless steel screw as shown in the enclosed preliminary drawing. All sources will be crimped into their holders and will be delivered, together with wipe test certification, by foil manufacturers. Reduced material cost is the reason for this change.

A new model, featuring minor electrical changes but without any change in chamber configuration, is being added to the Firex product family as follows:

Device Model	Maximum Quantity per Device
FX-1014	0.99 μ Ci

Finally, condition 10 (see Amendment 07 of 12-15537-01) still refers to 1940B Lehigh Road, Glenview, Illinois, a location unused by Firex for some years (see correspondence to Mr. Nathan Bassin dated 11/3/76).

Applicant	5209
Check No.	340 (4110-3A)
Amount / Fee Category	
Type of Fee	Amendment
Date Check Rec'd	JUL 18 1980
Received By	Brown

See C. N. 04519

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XA 2PB

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INSPECTION AND ENFORCEMENT

Please amend our licenses to reflect the label change, the source screw option, and the new device model. Also, please delete reference to the Glenview address. Enclosed find a check for \$340 to cover the amendment costs. Your cooperation has been, and continues to be, much appreciated.

Yours Truly,



Quentin L. Schneider
Radiation Safety Officer

QLS/mti

04520