

NR-668-D-101-E



**KIDDE-FENWAL, INC.**

400 Main Street  
Ashland, MA 01721

Tel: (508) 881-2000  
Fax: (508) 881-8920

**FAX COVER SHEET**

**DATE:** FEBRUARY 5, 1997

**COMPANY:** U.S. NUCLEAR REGULATORY COMMISSION

**ATTENTION:** TONY CURTWOOD  
TOM O'BRIEN

**FAX #:** (301) 415-5369

**FROM:** BOB HARRIS  
RADIATION SAFETY OFFICER

**SUBJECT:** TELEPHONE CONVERSATION

**TOTAL # OF PAGES:** 4

In response to your telephone conversation with Bob Macnutt on February 3, 1997 I am faxing two requested documents.

- 1. Letter dated December 13, 1991 (one page complete)
- 2. Letter dated November 27, 1991 (two pages no enclosures)

As part of this letter there is a nine page application supported by an index appendix listing for twenty supporting documents which fill a 1 1/2 tabbed 3-ring binder.

If you need the documents supporting item 2, Please fax K-F Inc. and supply a mailing address. A copy will then be made and mailed

9804160434 911213  
 PDR RC \* PDR  
 SSD

NR-668-D-101-E  
 B-13



KIDDE-FENWAL, INC.  
 300 MAIN STREET  
 ANDOVER, MA 01721  
 TEL (508) 881-2000  
 FAX (508) 881-8729

TELEFAX COVER LETTER

DATE: 12-13-91

Rev. A

TO: Mr. Sterling Bell COMPANY: U.S. Nuclear Regulatory Commission

LOCATION: Maryland FAX NO.: 301-492-0260

FROM: R.A. MACNUTT, QUALITY MANAGER

SUBJECT: Changes to our registration certificate to better clarify  
the models that we use under our distribution license.

WE ARE SUBMITTING A TOTAL OF 1 PAGE, INCLUDING THIS COVER LETTER.

IF YOU DO NOT RECEIVE ALL OF THE PAGES, PLEASE CONTACT US AS SOON AS POSSIBLE.

Dear Mr. Bell:

In our telephone conversation on December 13, 1991, we discussed the models listed in my November 27, 1991 letter.

The following change is requested to our registration certificate to better clarify the Models that we use under our distribution license!

We have two series, the Kidde-Fenwal, Inc. manufactured series CPD 702X-4X and the Nohmi's manufactured series 705X.

Kidde-Fenwal, Inc. Series CPD 702X-4X consisting of models 7021, 7023, 7040 and 7044 at the present time. These four models denote minor variations of the same model, such as electronic circuit changes (with UL approval), sensitivity range changes (with UL approval). In all cases, the source and ion chamber design will not be changed.

The second series CPD 705X will be manufactured by Nohmi Bosai, Ltd. in Japan and distributed by Kidde-Fenwal, Inc.

If you have any questions, please contact me.

Sincerely,

*Robert Q. MacNutt*



KIDDE FENWAL, INC  
1100 MAIN STREET  
ASHLAND, MA 01721  
TEL (508) 851-2000  
FAX (508) 881-6729

November 27, 1991

Sterling W. Bell  
Sealed Source Safety System  
Medical, Academic and  
Commercial Use Safety Branch  
Division of Industrial and  
Medical Nuclear Safety, NMSS  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Bell:

This is to request amendment of Fenwal's Registration Certificate No. NR-668-D-101-E to change our name from "Walter Kidde & Company, Inc., Fenwal Division" to "Kidde-Fenwal, Inc." and to provide for the Kidde-Fenwal Model CPD705X smoke detector.

Detailed information on radiation safety features of the CPD705X, and also information on its ability to perform as a products of combustion detector, are contained in our enclosed application. It may be noted that the CPD705X uses the Amersham AMM 1001 foil which Fenwal and other manufacturers have extensively used in detectors. Also, although the detector is designed for commercial and industrial use, it requires only a single 0.7 microcurie AM-241 source.

Labels on the detector and point-of-sale package will comply with the requirements of Section 32.29(b).

The CPD705X will be manufactured by Nohmi Bosai, Ltd. in Japan and distributed in the U.S. by Kidde-Fenwal, Inc. The quality control program at Nohmi Bosai and the quality control program at Kidde-Fenwal combine to ensure our distribution of a high quality product. The respective programs of Nohmi Bosai and Kidde-Fenwal are detailed in our application for amendment.

9804160450 911213  
PDR RC \*  
SSD PDR

(Nov. 27, 1991/S. Bell)

Page 2 of 2

Recently, you suggested that at a convenient time, I should inform you about which of the detector models now listed in NR-668-D-101-E are no longer distributed by Kidde-Fenwal. Of the six models now listed in the registration certificate, we only distribute the CPD-7021.

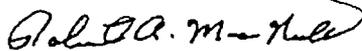
We would like to create three series of detectors. The first series CPD-702X Series consisting of models CPD-7021 and CPD-7023, and the second series CPD-704X Series, consisting of models CPD-7040 and CPD-7044. These four models (CPD-7021, CPD-7023, CPD-7040 and CPD-7044) denote minor variations of the same model (CPD-7021), such as electronic circuit changes (with UL approval) and sensitivity range change (with UL approval). In all cases, the source and the ion chamber design will not be changed.

The requested amendment to add the third series of smoke detectors is the Nohmi's manufactured series CPD-705X that will be distributed in the United States by Kidde-Fenwal, Inc.

As required by 10CFR170.31.9A, enclosed with our application for amendment of NR-668-D-101-E is our check for \$1200.

If any questions arise in your consideration of our application, please call me, I am available to meet.

Sincerely,



Robert A. MacNutt  
Quality Manager

- Encl: (1) Application of Nohmi  
Ion Chamber Registration
- (2) Amendment fee check for \$1200