NRC FORM 374 (10-89) U.S. NUCLEAR REGULATORY COMMISSION PAGE 1 OF 2 PAGES

# MATERIALS LICENSE

Amendment No. 15

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 39, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

| Licensee | |
|---|---|
| 1. Kidde-Fenwal Incorporated<br>2. 400 Main Street<br>Ashland, Massachusetts 01721 | In accordance with letter dated October 11, 1991,<br>3. License number 20-15285-01 is amended in its entirety to read as follows:<br>4. Expiration date January 31, 1994<br>5. Docket or Reference No 030-08864 |

| 6. Byproduct, source, and/or special nuclear material | 7. Chemical and/or physical form | 8. Maximum amount that licensee may possess at any one time under this license |
|---|---|---|
| A. Americium 241 | A. Sealed sources (Amersham Corporation Model AMM-1001H and Model AMM-1001D or Nuclear Radiation Development Model A-001) | A. Not to exceed 6 microcuries per source and 1.8 millicuries total |
| B. Americium 241 | B. Sealed sources (Amersham Corporation Model AMM-1001H and Model AMM-1001D or Nuclear Radiation Development Model A-001) | B. Not to exceed 2.5 microcuries per source and 400 millicuries total |
| C. Americium 241 | C. Sealed sources (Amersham Corporation Model AMM-1001) | C. Not to exceed 2.5 microcuries per source and 400 millicuries total |

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9. Authorized use

A. Research and development as defined in Section 30.4 of 10 CFR Part 30.
B. Fabrication of smoke detection devices.
C. For storage in Nohmi Bosai Ltd. Model 7051 smoke detectors.

## CONDITIONS

10. Licensed material shall be used only at 400 Main Street, Ashland, Massachusetts.

11. A. Licensed material shall be used by, or under the supervision of, Mark E. Benvenuti.

B. The Radiation Safety Officer for this license is Mark E. Benvenuti.

12. This license does not authorize the distribution of gas and aerosal detectors to persons exempt pursuant to Section 30.20 of Title 10 CFR, Part 30.

"OFFICIAL RECORD COPY ML 10"

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number: 20-15285-01

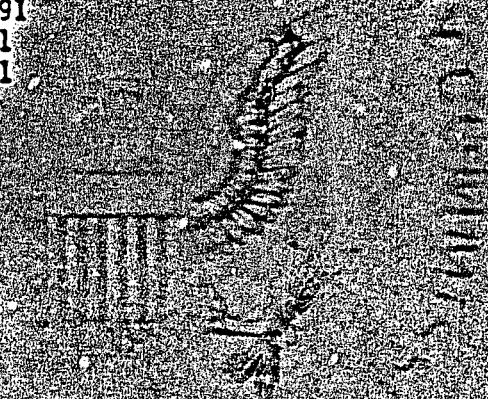
Docket or Reference number: 030-08864

Amendment No. 15

(Continued) CONDITIONS

13. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.

A. Application dated April 19, 1988
B. Letter dated September 9, 1988
C. Letter dated September 13, 1988
D. Letter dated December 7, 1988
E. Letter dated January 12, 1989
F. Letter dated June 26, 1989
G. Letter dated November 5, 1990
H. Letter received August 5, 1991
I. Letter dated October 11, 1991
J. Letter dated October 31, 1991



For the U.S. Nuclear Regulatory Commission

Date NOV 26 1991

Original Signed By:
By Thomas K. Thompson
Nuclear Materials Safety Branch
Region 1
King of Prussia, Pennsylvania 19406

NOV 26 1991

License No. 20-15285-01
Docket No. 030-08864
Control No. 121211

Kidde-Fenwal, Incorporated
ATTN: Robert A. MacNutt
Quality Manager
400 Main Street
Ashland, Massachusetts 01721-2150

Dear Mr. MacNutt:

Please find enclosed an amendment to your NRC Material License.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the Region I Material Licensing Section, (215) 337-5093, so that we can provide appropriate corrections and answers.

Please be advised that you must conduct your program involving licensed radioactive materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, please note the items in the enclosed, "Requirements for Materials Licensees."

Since serious consequences to employees and the public can result from failure to comply with NRC requirements, the NRC expects licensees to pay meticulous attention to detail and to achieve the high standard of compliance which the NRC expects of its licensees.

You will be periodically inspected by NRC. A fee may be charged for inspections in accordance with 10 CFR Part 170. Failure to conduct your program safely and in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in prompt and vigorous enforcement action against you. This could include issuance of a notice of violation, or in case of serious violations, an imposition of a civil penalty or an order suspending, modifying or revoking your license as specified in the General Policy and Procedures for NRC Enforcement Actions, 10 CFR Part 2, Appendix C.

We wish you success in operating a safe and effective licensed program.

Sincerely,

Original Signed By:
Thomas K. Thompson

Thomas K. Thompson
Senior Health Physicist
Medical Licensing Section D
Division of Radiation Safety
and Safeguards

Enclosures:
1. Amendment No. 15
2. Requirements for Materials Licensees

DRSS:RI
Thompson/sl/cmm
11/ /91

OFFICIAL RECORD COPY ML 20-15285-01/LTR - 0002.0.0
11/14/91

KIDDE-FENWAL, INC.
400 MAIN STREET
ASHLAND, MA 01721
TEL: (508) 881-2000
FAX: (508) 881-8729

# TELEFAX COVER LETTER

DATE: 11-1-91

TO: MR. TOM THOMPSON, NMSS COMPANY: NUCLEAR REGULATORY COMMISSION

LOCATION: KING OF PRUSSIA, PA FAX NO.: 215-337-5269

FROM: R.A. MACNUTT, QUALITY MANAGER

SUBJECT: NAME CHANGE TO FENWAL'S POSSESSION LICENSE 20-15285-01

WE ARE SUBMITTING A TOTAL OF 2 PAGES, INCLUDING THIS COVER LETTER. IF YOU DO NOT RECEIVE ALL OF THE PAGES, PLEASE CONTACT US AS SOON AS POSSIBLE.

Request to change Fenwal's name from Fenwal Inc. to Kidde-Fenwal, Inc.

Please include on our amendment that is in process.

Reason for name change - I have included a letter dated October 31, 1991 that explains the name change.

If you have any questions, please contact me.

Robert A. MacNutt

KIDDE-FENWAL, INC.
400 MAIN STREET
ASHLAND, MA 01721
TEL: (508) 881-2000
FAX: (508) 881-8729

DATE: October 31, 1991

TO: All Fenwal Representatives

SUBJECT: COMPANY NAME CHANGE

I am pleased to announce that we have officially changed our legal name from Fenwal Incorporated to Kidde-Fenwal, Inc., as shown on this letterhead.

This change has been made to strengthen our corporate identity with the combination of the two great names, Fenwal and Kidde. The new name also provides a consistency in style with three of our sister companies, Kidde-Graviner, Kidde-Hartnell and Kidde-Dexaero.

Product identity will be maintained with the Fenwal and the Kidde names used separately to describe certain products (for example, Fenwal THERMOSWITCH and Kidde Aqua Blue Systems). In addition, we would expect that the name change will not, in itself, have a bearing on how we take our products to market. That is, we will continue to have Fenwal representatives for our temperature control and gas ignition products, Fenwal distributors for our Fenwal protection products and Kidde distributors for our Kidde protection products.

It is my hope that all of you are or can become as enthused as I am about the opportunities that we face in the marketplace - both in our controls and protection systems businesses. And, I hope that all of you can see the importance - and the benefits - of facing those opportunities with the strengthened corporate identity made possible with our new hyphenated name.

As always, thank you for your help in bringing Fenwal products to market.

Sincerely,

KIDDE-FENWAL, INC.

Bob

Robert T. Wickham, P.E.
President

FENWAL INCORPORATED
400 Main Street, Ashland, Massachusetts 01721-2150 USA
Tel: (508) 881-2000 Telex: 94-8421 Fax: (508) 881-6729

TELEFAX COVER LETTER

DATE 10-23-91

TO: MR. TOM THOMPSON, NMSS COMPANY: NUCLEAR REGULATORY COMMISSION
MATERIAL LICENSING BRANCH

LOCATION: KING OF PRUSSIA, PA.
FAX NO.: 215-337-5269

FROM: R.A. MACNUTT, QUALITY MANAGER

WE ARE SUBMITTING A TOTAL OF 1 PAGE.

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

SUBJECT: FENWAL POSSESSION LICENSE 20-15285-01
REQUEST FOR AMENDMENT TO FENWAL'S POSSESSION LICENSE 20-15285-01 TO ADD STORAGE OF NOHMI BOSAI LTD. SMOKE DETECTORS.

REFERENCE: FENWAL LETTER TO THE NRC DATED JULY 25, 1991 TO MR. STERLING BELL FROM ROBERT A. MACNUTT.

THE DISTRIBUTION OF THE NOHMI BOSAI SMOKE DETECTOR WILL BE REQUESTED ON A AMENDMENT TO OUR DISTRIBUTION LICENSE.

PLEASE DELETE THE REQUEST TO ELIMINATE THE RESEARCH AND DEVELOPMENT AS STATED ON FENWAL LETTER DATED JULY 25, 1991.

IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT ME.

THANK YOU FOR YOUR HELP.

SINCERELY,

R A MacNutt

ROBERT A. MACNUTT
QUALITY MANAGER

NRC FORM 218 (4-78) NRCM 0240

U.S. NUCLEAR REGULATORY COMMISSION

# TELEPHONE OR VERBAL CONVERSATION RECORD

DATE 10/23/91

TIME 1005 ☐ A.M. ☐ P.M.

☐ INCOMING CALL ☐ OUTGOING CALL ☐ VISIT

| PERSON CALLING | OFFICE/ADDRESS | PHONE NUMBER | EXTENSION |
|---|---|---|---|
| T.C. Thompson | RF | | 5303 |

| PERSON CALLED | OFFICE/ADDRESS | PHONE NUMBER | EXTENSION |
|---|---|---|---|
| R. MacNutt | Fermal Corp. | (508) 881-2000 | |

CONVERSATION

SUBJECT Why no R&D & what kind of distribution

SUMMARY So you want?

Mr. MacNutt indicated they really didn't want any other distribution than exempt. He indicated they would pursue that with their E-license. Mr. MacNutt indicated he was probably in error cancelling R&D for the AMM-1001 H & AMM-1001D devices. He thought it might save money but decided he should may need it. Mr. MacNutt will send us a fax requesting changes.

REFERRED TO:

☐ ADVISE ME OF ACTION TAKEN.

ACTION REQUESTED

INITIALS

DATE

ACTION TAKEN

INITIALS

DATE

FENWAL INCORPORATED
400 Main Street, Ashland, Massachusetts 01721-2150 USA
Tel: (508) 881-2000 Telex: 94-8421 Fax: (508) 881-6729

October 11, 1991

US Nuclear Regulatory Commission
Nuclear Safety Section
475 Allendale Road
King of Prussia, PA 19406

Attention: Mr. John D. Kinneman, Chief
Nuclear Materials Safety Section B

Subject: Request for Correction to Fenwal's Material License 20-15285-01 and NRC Registry of Radioactive Sealed Sources and Devices No. NR136S174U.

Dear Mr. Kinneman:

In a review of Fenwal's License 20-15285-01 for Sealed Sources supplied by Amersham Corporation versus the USNRC Registration of Radioactive Sealed Sources and Devices Safety Evaluation Number NR136S174U, there is an inconsistency between the two documents.

Fenwal's License 20-15285-01 states the following Amersham Models:

Model AMM-1001H and
Model AMM-1001D.

The USNRC Registration Number NR136S174U states the following Amersham Models:

Model AMM1001 and
Model AMM1001H.

In conversation with Mr. Sterling Bell, NRC, the Registry of Radioactive Sealed Sources and Devices, Safety Evaluation of Sealed Sources has an error on the document. This needs to be corrected by adding the AMM1001D to the Registry of Radioactive Sealed Sources and revise document No. NR136S174U.

In addition, when the Material License #20-15285-01 was issued by the NRC, an error was made, the AMM-1001 was not stated on the document. Please add the Model AMM-1001 to this License.

If you have any questions, please contact me.

Sincerely,

Robert A. MacNutt
Quality Manager

RAM/ms
Enclosures

cc: Hugh Evans - Amersham Corp.
Sterling Bell - NRC
Ken Bradstreet
Doug Reardon



12211
OCT 21 1991