

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number 45-23498-01

Docket or Reference number
030-22271

Amendment No. 2

Pyott-Boone Electronics
P.O. Box 809
Tazewell, Virginia 24651

In accordance with the Certificate of Disposition of Materials dated August 30, 1991, License No. 45-23498-01 is hereby terminated.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

DAVID J. COLLINS

Date JUN 16 1992

By

David J. Collins

Region II, Nuclear Materials Safety Section
101 Marietta Street N.W., Suite 2900
Atlanta, GA 30323

160088

5212080212 920616
PDR ADDCK 03022271
C PDR

11/12/92

ML20

CONVERSATION RECORD

TIME

1300

DATE

4/20/92

TYPE

☐ VISIT

☐ CONFERENCE

☒ TELEPHONE

☐ INCOMING

☒ OUTGOING

ROUTING

NAME/SYMBOL

INT

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

~~Dwaine Hein~~

ORGANIZATION (Office, dept., bureau, etc.)

Pyott-Boone

TELEPHONE NO.

703

988-5505

SUBJECT

Dwaine Barbary

SUMMARY

to incinerator license & for hazy mat'l

10 CFR 20

stack flow rate : $\frac{\text{ml}}{\text{day}}$

Table II, APP C

Air : Am241

I: $4 \times 10^{-12} \mu\text{Ci/ml}$

S: $2 \times 10^{-13} \mu\text{Ci/ml}$

determine conc. for individual

.045 m

$$1.125 \times 10^{13} \text{ ml} = 45 \mu\text{Ci} \times 4 \times 10^{-12} \text{ ml}$$

$$= 4 \times 10^{-12} \mu\text{Ci}$$

.042

$$\frac{\mu\text{Ci}}{\text{yr}} = 4 \times 10^{-12} \frac{\mu\text{Ci}}{\text{ml}} \times 20 \frac{\text{ml}}{\text{m}^3} \times 20 \frac{\text{m}^3}{\text{hr}} \times 24 \frac{\text{hr}}{\text{da}} \times 365 \frac{\text{da}}{\text{y}}$$

ACTION REQUIRED

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

ACTION TAKEN

SIGNATURE

TITLE

DATE

9/30/91

TELEPHONE OR VERBAL CONVERSATION RECORD

TIME

0900

☐ A.M.☐ P.M.☐ INCOMING CALL☒ OUTGOING CALL☐ VISIT

PERSON CALLING

David Collins

OFFICE/ADDRESS

PHONE NUMBER

EXTENSION

PERSON CALLED

Wayne
Dwayne Barberry

OFFICE/ADDRESS

Pyott-Boone
703/988-5505 Elect.

PHONE NUMBER

EXTENSION

CONVERSATION

SUBJECT

Pyott-Boone Electronics.

SUMMARY

electronics communications for coal mines
developing for commercial use. Bureau of Mines project on
smoke detector — 9 — as 5 pli sources 2d/Am

Safety Kleen has disposed of the sources — no
longer has them — per telecon Friday, 9/27/91
Q.

Options — Nov 10 CFR 30.41(c) via 30.41(d)

(A) Severity Level II — does not appear to be an
intentional disposal without regard.

(B) Severity Level III ~~CC~~ did not use an authorized disposal
② licensable qty = 0.01 pli
① ③ Improper disposal for licensed mat'l.

ACTION REQUESTED

Decision — which way to go?

☐ ADVISE ME OF ACTION TAKEN.

INITIALS

DJC

DATE

9/30/91

ACTION TAKEN

INITIALS

DATE

NRC FORM 316
(11-88)
10 CFR 30.3616(i)(1)(i)
10 CFR 40.4216(i)(1)(i)
10 CFR 70.3616(i)(1)(i)

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY NRC
3125-6000
EXPIRES 12-31-91

CERTIFICATE OF DISPOSITION OF MATERIALS

(All items MUST be completed, please print)

FILE CERTIFICATES AS FOLLOWS

IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION I
NUCLEAR MATERIALS SAFETY SECTION
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION II
NUCLEAR MATERIALS SAFETY SECTION
101 MARIETTA STREET, SUITE 2900
ATLANTA, GA 30333

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION III
MATERIALS LICENSING SECTION
799 ROOSEVELT ROAD
OLEN ELLYN, IL 60137

IF YOU ARE LOCATED IN:

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH, OR WYOMING, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
MATERIAL RADIATION PROTECTION SECTION
811 RYAN PLAZA DRIVE, SUITE 1000
DALLAS, TX 75201

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON, AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION V
NUCLEAR MATERIALS SAFETY SECTION
1480 MARIE LANE, SUITE 310
WALNUT CREEK, CA 94596

LICENSEE NAME AND ADDRESS

Pyott-Boone Electronics
P.O. Box 809
Tazewell, VA 24651

LICENSE NUMBER

45-23498-01

LICENSE EXPIRATION DATE

May 31, 1995

THE LICENSEE OR ANY INDIVIDUAL EXECUTING THIS CERTIFICATE ON BEHALF OF THE LICENSEE CERTIFIES THAT: (Check one or complete the appropriate item(s) below.)

A. MATERIALS DATA (Check one and complete, as necessary)

- ☐ 1. NO MATERIALS HAVE EVER BEEN POSSESSED OR PROCURED BY THE LICENSEE UNDER THIS LICENSE.
- OR
- ☐ 2. ALL MATERIALS PROCURED AND/OR POSSESSED BY THE LICENSEE UNDER THE LICENSE NUMBER CITED ABOVE HAVE BEEN TRANSFERRED ON

DATE TO WHICH HAS NEW LICENSE NUMBER

- OR
- ☐ 3. ALL MATERIALS PROCURED AND/OR POSSESSED BY THE LICENSEE UNDER THE LICENSE NUMBER CITED ABOVE HAVE BEEN TRANSFERRED ON

DATE TO WHICH HAS LICENSE NUMBER ISSUED BY THE STATE OF

AN AGREEMENT STATE PURSUANT TO SECTION 274 OF THE ATOMIC ENERGY ACT OF 1954, AS AMENDED, AND THE ENERGY REORGANIZATION ACT OF 1974.

- OR
- ☒ 4. MATERIALS HAVE BEEN DISPOSED OF IN THE FOLLOWING MANNER. (Describe specific disposal procedures—use the reverse of this form, or provide attachments.)

B. OTHER DATA

- ☒ 1. OUR LICENSE HAS NOT YET EXPIRED. PLEASE TERMINATE IT.
- ☐ 2. WAS A RADIATION SURVEY CONDUCTED TO CONFIRM THE ABSENCE OF LICENSED RADIOACTIVE MATERIALS AND TO DETERMINE WHETHER ANY CONTAMINATION REMAINS ON THE PREMISES COVERED BY THE LICENSE? (Check one)

☐ NO

☒ YES. THE RESULTS (Check one)

☒ ARE ATTACHED, OR

☐ WERE FORWARDED TO NRC ON (Date)

3. THE PERSON TO BE CONTACTED REGARDING THE INFORMATION PROVIDED ON THIS FORM

NAME

Dwain Barberie

TELEPHONE NUMBER

703-988-5505

4. MAIL ALL FUTURE CORRESPONDENCE REGARDING THIS LICENSE TO

Dwain Barberie
c/o Pyott-Boone Electronics
P.O. Box 809
Tazewell, VA 24651

FEE EXEMPT

Termination

PRINTED NAME AND TITLE

Dwain Barberie
Radiation Safety Officer

CERTIFYING OFFICIAL

SIGNATURE

Dwain Barberie

DATE

8/30/91

4: The material, which was nine sources of Americum 241 Model Number AMM
ANSI rating C64344 with an activity of .005 MC, was turned over to
Safety Kleen Corporation, 777 Big Timber Road, Elgin, IL 60123 for
disposal (ref. our P.O. # 1-280). Their Fed. EPA ID number is ILD980613913
and their Illinois state EPA number is 0310690006.

BACKGROUND RADIATION CHECKS

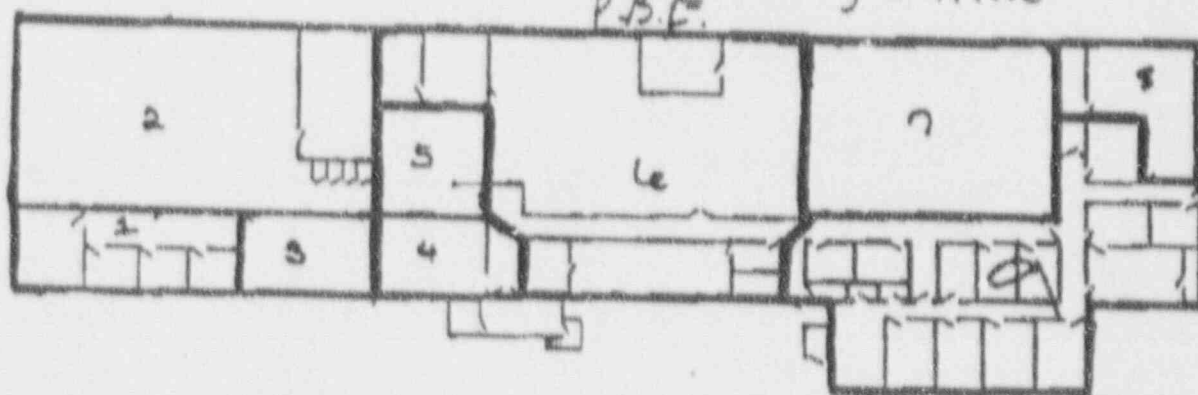
DATE 5/1/91

PERFORMED BY Lee R. Rasmussen

AREA	READING
1	.03 mR/hr
2	.03
3	.03
4	.03
5	.03
6	.025
7	.03
8	.03
9	.03

A survey of ALL Records At P.B.F. Revealed that only 9 sources of Am241 (Activity of .005mCi) were purchased. These records ALSO Revealed that ALL 9 sources were Turned over to Safety Klean Corporation for Disposal.

Dwain Barber
Radiation Safety Officer
P.B.F.



(FOR LFMS USE)
INFORMATION FROM LTS

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

PROGRAM CODE: 03620
STATUS CODE: 0
FEE CATEGORY: 3M
EXP. DATE: 19950531
FEE COMMENTS:

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

APPLICANT/LICENSEE: PYOTT-BOONE ELECTRONICS
RECEIVED DATE: 910729
DOCKET NO: 3022271
CONTROL NO.: 254245
LICENSE NO.: 45-23498-01
ACTION TYPE: TERMINATION

2. FEE ATTACHED

AMOUNT: ☒
CHECK NO.: ☐

3. COMMENTS

SIGNED *Deane P. Heine*
DATE 8/5/91

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED ☒)

1. FEE CATEGORY AND AMOUNT: 3M

FEE EXEMPT

2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR:

AMENDMENT ☒
RENEWAL ☐
LICENSE ☐

3. OTHER

SIGNED *J. Rodriguez*
DATE 8/9/91



Pyott-Boone Electronics

A Fetterolf Group Company

P.O. Box 809 Tazewell, Virginia 24651 703/988-5505

July 23, 1991

Ms. Carol A. Connell
U.S. Nuclear Regulatory Commission
Region II, Nuclear Materials Safety Sections
101 Marietta Street, Suite 2903
Atlanta, GA 30323

Reference: Reference Number 030-22271 for U.S. Nuclear Regulatory
Commission Materials License for Pyott-Boone Electronics,
License Number 45-23498-01, Expiration Date May 31, 1995

Dear Ms. Connell:

Pyott-Boone Electronics has ceased research, development and all
testing of smoke detector devices which utilize Americium 241. We
discontinued all efforts during the last quarter of 1990.

For this reason, we have no further need of the above referenced
license and respectfully request that it be cancelled. May we also
have a copy of the cancellation notice?

The nine sources of Americium 241, which is the sum total ever
purchased by PBE, have been disposed of by Safety Kleen Corporation
reference our P.O. 1-280.

Thank you very much.

Sincerely yours,

PYOTT-BOONE ELECTRONICS

Nancy K. Howell

Nancy K. Howell
Vice President and General Manager

mbg

cc: D. Barberie, QA Mgr. PBE

FEE EXEMPT
Elimination

RECEIVED BY LFMS	
8/7/91	
By <i>Jim Polyzos</i>	
Date Completed <i>8/7/91</i>	