



8/20/12

To whom it may concern,

Please find attached our application for an amendment to our license # 21-23805-02E

These are the amendments requested;

1. Licensee  
**Please remove**  
DBA Apollo Fire Detectors Ltd.  
**Please add**  
DBA Apollo America
  
2. Conditions  
**Please remove;**  
Cig-Arrete and TP90  
**Please add**  
Series 65A  
XP95  
APC-9V-CO-S  
APC-120V-CO-S  
APC-120V-CO-S-NG

We have added the APC series from USI Electric. (Their License # 19-23643-01E).

Sincerely

*William Ryan*      8/20/12

William Ryan

Manufacturing Director

1749 E Highwood

Pontiac

MI 48340

RECEIVED AUG 28 2012

Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-6 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to [infocollects.resource@nrc.gov](mailto:infocollects.resource@nrc.gov), and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

**APPLICATION FOR MATERIALS LICENSE**

**INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.**

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

OFFICE OF FEDERAL & STATE MATERIALS AND ENVIRONMENTAL MANAGEMENT PROGRAMS  
DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS  
U.S. NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

LICENSING ASSISTANCE TEAM  
DIVISION OF NUCLEAR MATERIALS SAFETY  
U.S. NUCLEAR REGULATORY COMMISSION, REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PA 19406-1415

IF YOU ARE LOCATED IN:

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

MATERIALS LICENSING BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, IL 60532-4352

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV  
612 E. LAMAR BOULEVARD, SUITE 400  
ARLINGTON, TX 76011-4125

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

A. NEW LICENSE

B. AMENDMENT TO LICENSE NUMBER 21-23805-02E

C. RENEWAL OF LICENSE NUMBER

2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)

MR W RYAN  
1749 E HIGHWOOD  
PONTIAC MI 48340

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

1749 E HIGHWOOD  
PONTIAC, MI. 48340

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

WILLIAM RYAN

TELEPHONE NUMBER

248 332 3900

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.

NOT APPLICABLE

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED

DISTRIBUTION OF STONE DETECTOR DEVICES

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.

WILLIAM RYAN

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY	AMOUNT ENCLOSED	\$

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

CERTIFYING OFFICER - TYPE/PRINTED NAME AND TITLE

PETER J. STOFFER

SIGNATURE

[Signature]

DATE

8/20/12

**FOR NRC USE ONLY**

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_

**MATERIALS LICENSE**

Amendment No. 06

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, 36, 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.

<p style="text-align: center;">Licensee</p> <p>1. Air Products and Controls, Inc. DBA Apollo Fire Detectors, LTD.</p> <p>2. 1749 East Highwood Pontiac, Michigan 48340</p>	<p>In accordance with letter dated November 28, 2001,</p> <p>3. License number 21-23805-02E is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date February 28, 2013</p> <hr/> <p>5. Docket No. 030-32698 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Americium-241</p>	<p>7. Chemical and/or physical form</p> <p>A. Foil source (AEA Technologies, QSA Inc., Model AMM-1001 or NRD Foil Model A-001)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. Not applicable (See Condition 11)</p>
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9. Authorized use:

Pursuant to Section 32.26, 10 CFR Part 32, the licensee is authorized to distribute smoke detector devices specified in Condition 10 to persons exempt from the requirements for a license pursuant to Section 30.20, 10 CFR Part 30, or equivalent provisions of the regulations of any Agreement State.

**CONDITIONS**

10. The following smoke detector devices may be distributed pursuant to this license provided the amount of americium-241 contained in the device does not exceed the amounts specified in the following table:

<u>Device Model</u>	<u>Maximum Quantity per Device</u>
Series 60A	0.9 microcurie
Series 65	0.9 microcurie
Series XP95A	0.9 microcurie
TP90	0.9 microcurie
Discovery	0.9 microcurie
Cig-Arrete	0.9 microcurie

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
21-23805-02EDocket or Reference Number  
030-32698

Amendment No. 06

**CONDITIONS**

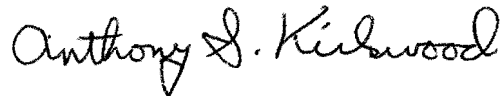
(Continued)

11. This license does not authorize possession or use of licensed material.
12. The licensee may distribute only from its facility located at 1749 E. Highwood, Pontiac, Michigan.
13. The licensee shall file periodic reports as specified in Section 32.29(c), 10 CFR Part 32.
14. Except as specifically provided otherwise by 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 U.S. 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. Letter dated August 5, 2002;
  - B. Letter and application dated October 28, 2002;
  - C. Letter dated January 10, 2003, w/enclosures;
  - D. Registration Certificate NR-160-D-101-E;
  - E. Letter dated November 28, 2001; and
  - F. Letter dated January 17, 2003, w/enclosures.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

May 8, 2003

Date: \_\_\_\_\_



By: \_\_\_\_\_

Anthony S. Kirkwood  
Materials Safety and Inspection Branch  
Division of Industrial and  
Medical Nuclear Safety  
Office of Nuclear Material Safety  
and Safeguards  
Washington, D.C. 20555

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES  
SAFETY EVALUATION  
(AMENDED IN ITS ENTIRETY)

NO.: NR-0160-D-101-E      DATE: MAY 00 2003      PAGE 1 OF 2

DEVICE TYPE:      Smoke Detector

MODEL:      Series 60A, **Series 65**, Series XP95A, TP90,  
**Discovery, and Cig-Arrete**

MANUFACTURER/DISTRIBUTOR:      Air Products and Controls, Inc.  
DBA Apollo Fire Detectors, LTD.  
(formerly RES Company)  
1749 E. Highwood  
Pontiac, MI 46340

MANUFACTURER:      Apollo Fire Detectors Ltd.  
36 Brookside Road  
Havant, Hampshire, England P09 1JR

SEALED SOURCE MODEL DESIGNATION:

NRD Foil Model Number A-001  
**AEA Technology QSA, Inc.**, Model AMM-1001

ISOTOPE:      MAXIMUM ACTIVITY:  
Americium-241      0.9 microcurie (33.3 kBq)

LEAK TEST FREQUENCY:      Not Required

PRINCIPAL USE:      (P) Ion Generators, Smoke Detectors

CUSTOM DEVICE:      \_\_\_\_\_ YES      X \_\_\_\_\_ NO

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES  
SAFETY EVALUATION  
(AMENDED IN ITS ENTIRETY)

NO.: NR-0160-D-101-E      DATE: MAY 0 8 2003      PAGE 2 OF 2

DEVICE TYPE:      Smoke Detector

DESCRIPTION:

The Apollo Series 60A, **Series 65**, Series XP95A, TP90, **Discovery**, and **Cig-Arrete devices** are all ionization smoke detectors differing only in the electronic communications between the source and the control unit. The source is mounted within a stainless steel holder and riveted to the printed circuit board. The source holder is enclosed in a polycarbonate case. The polycarbonate lid is secured with tamper resistant screws. The complete unit is approximately 3.94 inches (100 mm) in diameter, and 1.97 inches (50 mm) in height. Some Series 60A and XP95A units will bear the name of other marketing firms: either Firecom Inc., National Time and Signal Corp., or Gamewell, on the label detector lid, and point-of-sale package. All labels applied by the distributor conform to the requirements of 10 CFR Part 32.29, and contain the license number of the licensed distributor. The **Model TP90 is** marketed by Thorn Automated Systems, Inc. under the **Model 550 series**. The point-of-sale package contains the license number of the licensed distributor. **The working life of the devices is over 10 years.**

REFERENCES:

The following supporting documents for the Models Series 60A, **Series 65**, Series XP95A, TP90, **Discovery**, and **Cig-Arrete devices** are hereby incorporated by reference and are made a part of this registry document.

- RES Company's application dated February 1992, March 3, 1992, June 15, 1992, June 25, 1992, July 8, 1992, July 21, 1992, and June 2, 1993, with enclosures thereto.
- Apollo Fire Detectors LTD's letters and facsimile dated March 2, 1993, May 18, 1993, November 26, 1993, and June 11, 1996 with enclosures thereto.
- Air Products and Controls Inc.'s letters dated June 14, 1999, August 15, 1999, and January 21, 2000, **November 21, 2001, and January 17, 2003**, with enclosures thereto.

Issuing Agency:

U.S. Nuclear Regulatory Commission


Date:     MAY 0 8 2003    

Reviewer:

  
\_\_\_\_\_  
John P. Gankovich

Date:     MAY 0 8 2003    

Concurrence:

  
\_\_\_\_\_  
Ujagar S. Bhachu

Apollo America  
1749 East Highwood  
Pontiac, MI 48340 USA

tel: +1 (248)332 3900  
fax: +1 (248)332 8807

Email: SalesUSA@apollo-fire.com  
Web: www.apollo-fire.com



8/20/12

To whom it may concern,

Please find attached our application for our license renewal, together with the following amendments;

1. Licensee

Air products and Controls, Inc.

DBA Apollo America (was Apollo Fire Detectors, Ltd.)

2. Authorized Use

To be used in Apollo America, Inc. Series 60A, Series XP95A, Series 65, Series 65A, Series XP95, Discovery Series, Series APC-9V-CO-S, APC-120V-CO-S AND APC-120V-CO-S-NG smoke detectors, for storage and Quality Assurance testing. ( Additional detectors added as the business model has changed, detectors previously passed through the company will now be serviced from our location)

We have added the APC series from USI Electric. (Their License # 19-23643-01E).

Sincerely

A handwritten signature in black ink that reads "William Ryan".

William Ryan

Manufacturing Director

1749 E Highwood

Pontiac

MI 48340

**MATERIALS LICENSE**

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, 36, 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.

<p>Licensee</p> <p>1. Air Products and Controls, Inc. DBA Apollo Fire Detectors, Ltd.</p> <p>2. 1749 E. Highwood Pontiac, MI 48340</p>	<p>In accordance with the letter dated August 5, 2002,</p> <p>3. License number 21-23805-01 is renewed in its entirety to read as follows:</p> <p>4. Expiration date November 30, 2012</p> <p>5. Docket No. 030-32705 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Americium-241</p>	<p>7. Chemical and/or physical form</p> <p>Foil sources in smoke detection devices (NERD Model A-001 or Amersham Model AMM1001)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. No single foil source to exceed 1.0 microcurie; total possession not to exceed 18 millicuries</p>
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<p>9. Authorized Use:</p> <p>A. To be used in RES Company Series 60A and Series X-95A smoke detectors for storage and quality assurance testing in accordance with letter dated April 15, 1992.</p>	
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CONDITIONS

- 10. Licensed material shall be used only at the licensee's facilities located at 1749 E. Highwood, Pontiac, Michigan.
- 11. Licensed material may be used by or under the supervision of William E. Ryan.
- 12. The Radiation Safety Officer for the activities authorized by this license is William E. Ryan.
- 13. This license does not authorize commercial distribution of licensed material.



**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
21-23805-01Docket or Reference Number  
030-32705

Amendment No. 04

14. 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 March 2, 1992; and
- B. Letters dated April 15, 1992, (with attachments), March 2, 1993, May 14, 1998 (excluding reference to the Discovery smoke detector and excluding reference to Firecom Inc) and August 5, 2002.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date NOV 07 2002By *Toye L. Simmons*  
Toye L. Simmons  
Materials Licensing Branch  
Region III

**APPLICATION FOR MATERIALS LICENSE**

Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to [infocollects.resource@nrc.gov](mailto:infocollects.resource@nrc.gov), and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

**INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.**

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:  
  
OFFICE OF FEDERAL & STATE MATERIALS AND ENVIRONMENTAL MANAGEMENT PROGRAMS  
DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS  
U.S. NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20555-0001

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IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

LICENSING ASSISTANCE TEAM  
DIVISION OF NUCLEAR MATERIALS SAFETY  
U.S. NUCLEAR REGULATORY COMMISSION, REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PA 19406-1415

IF YOU ARE LOCATED IN:

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

MATERIALS LICENSING BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, IL 60532-4352

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV  
612 E. LAMAR BOULEVARD, SUITE 400  
ARLINGTON, TX 76011-4125

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

A. NEW LICENSE

B. AMENDMENT TO LICENSE NUMBER 21-23805-01

C. RENEWAL OF LICENSE NUMBER 21-23805-01

2. NAME AND MAILING ADDRESS OF APPLICANT (include ZIP code)

MR W RYAN  
1749 E HIGHWOOD  
PONTIAC, MI. 48340

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

WILLIAM RYAN

TELEPHONE NUMBER

248-332-3900

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time. 30 MILLCURIES

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

DISTRIBUTION OF SMOKE DETECTOR DEVICES

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY: \_\_\_\_\_ AMOUNT ENCLOSED: \$ \_\_\_\_\_

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE

PETER J STOFFER

SIGNATURE

*[Signature]*

DATE

8/20/12

**FOR NRC USE ONLY**

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

**APPLICATION FOR MATERIAL LICENSE-Continued**

Air products and controls Inc. (DBA Apollo America Inc.)

**5. RADIOACTIVE MATERIAL**

- a. Americium-241
- b. Foil sources in smoke detection devices (NRD Model A-001 or Amersham Model AMM1001)
- c. No single foil source to exceed 1.0 microcuries; total possession not to exceed 30 millicuries.

**6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED**

a. To be used in Apollo America Inc. Series 60A, , Series XP95A, Series 65, Series 65A, Series XP95, Discovery Series, Series APC-120-CO-S-NG,APC-120V-CO-S,APC-9V-CO-S ., smoke detectors, for storage and Quality assurance testing.

APOLLO AMERICA  
1749 E HIGHWOOD  
PONTIAC, MI 48340



MATERIAL LICENSING BRANCH  
US NUCLEAR REG. COMMISSION REGION III  
2443 WARRENVILLE ROAD SUITE 210  
LISLE IL 60532-4352