



Date: 1/31/2013
To: US Nuclear Regulatory Commission
Attn: Director of Nuclear Safety and Safeguards
(Document Control Desk / Exempt Distribution)
Washington, DC 20555
Subject: 2012 Ionization Type Smoke Detector Exports

Dear Director,

Pursuant to 10 CFR 110.23(b) this report details the 2012 general license exports manufactured and distributed by the System Sensor business of Honeywell International Inc. as follows:

- 1) Ionization type smoke detectors containing special form Americium-241 sealed sources totaling 12,694 μ Curies;
- 2) Approximate ship dates are described in Attachment 1;
- 3) Recipient countries are described in Attachment 1; and in all cases the end users are the owners or occupants of buildings with fire alarm systems.

This byproduct material is transferred for use under 10CFR30.14 or equivalent regulations of an agreement state. Please feel free to contact me at any time should you have any questions regarding this information.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian Langkan", with a stylized flourish at the end.

Brian Langkan
Radiation Safety Officer
630-377-6674 x1236
brian.langkan@honeywell.com

cc: USNRC, Region III
2443 Warrenville Rd.
Suite 210
Lisle, IL 60532-4352

System Sensor
3825 Ohio Avenue
St. Charles, Illinois 60174
Telephone: 630-377-6580
Fax: 630-377-6495
www.systemsensor.com

FSME03

2012 Am-241 Smoke Detector Exports
0.5 microCurie Sealed Sources

| Country | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Totals Units | Activity uCi |
|----------------------|-----|-------|-------|--------------------------------|-------|-----|-------|-------|-------|-------|-----|-----|--------------------|-----------------|-----------------|
| Argentina | ARG | | | | | | | | | | | | | 0 | 0 |
| Australia | AUS | | | | | | | | | | | | | 0 | 0 |
| Brazil | BRA | | | | | | | | | | | | | 0 | 0 |
| Canada | CAN | 1,398 | 1,420 | 1,374 | 6,479 | 490 | 1,341 | 1,400 | 2,040 | 960 | 915 | 957 | 1,360 | 20,134 | 10,067 |
| Chile | CHL | | | | | | | | | | | | | 0 | 0 |
| China | CHN | | 40 | | | 24 | | | 100 | | | | | 164 | 82 |
| Egypt | EGY | | | | | | | | | | | | | 0 | 0 |
| Hong Kong | HOK | | | | | | | | | | | | | 0 | 0 |
| India | IND | | 495 | 203 | 526 | 335 | 1,547 | | 190 | 894 | 26 | | 873 | 5,089 | 2,545 |
| Ireland | IRE | | | | | | | | | | | | | 0 | 0 |
| Italy | ITL | | | | | | | | | | | | | 0 | 0 |
| Kuwait | KUW | | | | | | | | | | | | | 0 | 0 |
| Malaysia | MAL | | | | | | | | | | | | | 0 | 0 |
| Mexico | MEX | | | | | | | | | | | | | 0 | 0 |
| Netherlands | NET | | | | | | | | | | | | | 0 | 0 |
| New Zealand | NZL | | | | | | | | | | | | | 0 | 0 |
| Puerto Rico | PR | | | | | | | | | | | | | 0 | 0 |
| Saudi Arabia | SAR | | | | | | | | | | | | | 0 | 0 |
| Singapore | SNG | | | | | | | | | | | | | 0 | 0 |
| Taiwan | TAI | | | | | | | | | | | | | 0 | 0 |
| Thailand | THA | | | | | | | | | | | | | 0 | 0 |
| Turkey | TKY | | | | | | | | | | | | | 0 | 0 |
| United Arab Emirates | UAE | | | | | | | | | | | | | 0 | 0 |
| United Kingdom | GBR | | | | | | | | | | | | | 0 | 0 |
| Venezuela | VEN | | | | | | | | | | | | | 0 | 0 |
| | | 1,398 | 1,955 | 1,577 | 7,005 | 849 | 2,888 | 1,400 | 2,330 | 1,854 | 941 | 957 | 2,233 | | |
| | | | | | | | | | | | | | Grand Total | 25,387 | 12,694 |
| | | | | | | | | | | | | | | | |
| | | | | (ATTACHMENT 1 - .5uCi Exports) | | | | | | | | | | | |