



UTC Fire & Security

A United Technologies Company

January 31st, 2013

Materials Safety and Inspection Branch
Division of Industrial and Medical Nuclear Safety
Office of Nuclear Material Safety and Safeguards
ATTN: Document Control Desk / Exempt Distribution

U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

References: License #18-19750-02E

Subject: Material transfer report section 32.29, 10CFR Part 32.29(C)(1)

During the period 12/31/11 to 12/31/12, UTC Fire & Security Americas Corporation, Inc. transferred to other persons a total of 41,412 ionization type smoke detectors under the conditions set forth on the referenced license. (The total activity represents 9,253.16 microcuries of Am 241)

37,394 of the total used the 235 Series chamber construction as per the referenced certificate. Each unit contained 0.14 microcuries of Am241 per device, sealed source #A001-AM-241 from Nuclear Radiation Development Corp (NRD) of Grand Island New York. The Ionization smoke detectors were sold under the following catalog numbers:

ADT-IPHS	GSA-IPHS	RP XLS-IPHS	XLS-IPHS	SIGA-IPHS
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4,018 of the total used the 235 Series chamber construction as per the referenced certificate. Each unit contained 1.0 microcuries of Am241 per device, sealed source #A001-AM-241 from Nuclear Radiation Development Corp (NRD) of Grand Island New York. The Ionization smoke detectors were sold under the following catalog numbers:

ADT-IS	GSA-IS	SIGA-IS
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0 of the total used the 311 Series chamber construction as per the referenced certificate. Each of these units contain 0.85 microcuries of Am241 per device, sealed source #A001-AM-241 from Nuclear Radiation Development Corp (NRD) of Grand Island New York.

FSME03

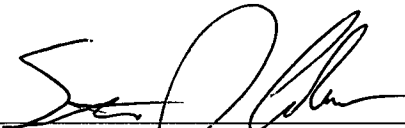
All Ionization Type Smoke Detectors regardless of construction were labeled in compliance with 10CFR 32.29b.

Aside from superficial brand name differences and color options, the various catalog number designations indicate variations in mounting, sensitivities, and associated circuitry. Some catalog numbers represent kits that include one or more of the various detectors. All of the detectors listed in this report are covered by the conditions set forth in NRC license number 18-19750-02E and State of Maine Materials License 25305. An itemized list of catalog number, quantity per year and source activity in microcuries is attached.

Questions regarding the license renewal should be directed to the Radiation Safety Officer:

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Radiation Safety Officer
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E-mail: steven.lamarre@fs.utc.com


Sincerely,



Steven J. LaMarre
Radiation Safety Officer

1/31/13

Date



Christopher J. Smith
Operations Manager

1/31/13

Date

ITEMIZED LIST of 2012 ION DETECTOR TRANSFERS

Model#	Chamber#	2012	Activity Level (uCi)	Total Activity (uCi)
ADT-IPHS	235	147	0.14	20.58
GSA-IPHS	235	337	0.14	47.18
RP XLS-IPHS	235	276	0.14	38.64
XLS-IPHS	235	664	0.14	92.96
SIGA-IPHS	235	35970	0.14	5035.8
Total		37394		5235.16
ADT-IS	235	26	1	26
GSA-IS	235	359	1	359
SIGA-IS	235	3633	1	3633
Total		4018		4018
Total All		41412		9253.16