



100 Midland Rd
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USA

1 865.220.8700
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FLIR Detection, Inc.
State TN License Number: R-01097-C24
NRC License Number: 41-25639-01E

United States Department of Energy
Oak Ridge Office
P.O. Box 2001, SE-32
Oak Ridge, TN 37831

Dated: January, 2nd 2015

Attention: Larry C. Kelly

Dear Mr Kelly:

Reference Radionuclide Air Emission Data:

For the calendar year 2014 no radionuclides were released either to air or water. The effective dose equivalents to members of the public were 0 REM.

Best Regards,

Jeff Preston, PhD
Radiation Safety Officer

CC: James Burdick, VP and General Manager
Charles Arnott, State TN, Division of Radiological Health
Richard Struckmeyer, U.S. Nuclear Regulatory Commission



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Director of the Office of Federal and State Materials and Environmental Management
Programs,
U.S. Nuclear Regulatory Commission,
Washington, DC 20555-0001

Dated: January, 22nd 2015

Attention: Document Control Desk/Exempt Distribution

Pursuant to sections §32.14 and §32.18, 10 CFR Part 32, FLIR Radiation, Inc. is authorized to distribute licensed material as specified in 30.71, Schedule B, in the form of calibration sources manufactured by Spectrum Techniques, Inc. The following chart summarizes those materials transferred during the period January 1st, 2014 thru December 31st, 2014:

Source	Activity of Radionuclide (μCi)	Qty Transferred	Chemical and/or Physical Form	Total Activity (μCi)
Ba-133	1	8	Chloride	8
Eu-152	1	106	Chloride	106
Na-22	1	8	Chloride	8
Mn-54	1	8	Chloride	8
Co-57	1	8	Chloride	8
Co-60	1	8	Chloride	8
Cd-109	1	8	Chloride	8
Cs-137	1	8	Chloride	8

Pursuant to sections §30.15 and §30.18, 10 CFR Part 30, FLIR Radiation, Inc. is authorized to distribute ionizing radiation instruments containing exempt quantities of cesium-137 and manganese-54 in the form of calibration sources manufactured by Spectrum Techniques, Inc. The following chart summarizes those materials transferred during the period January 1st, 2014 thru December 31st, 2014:

Product Type	Activity of Radionuclide (μCi)	Qty Transferred	Chemical and/or physical form	Total Activity (μCi)
identiFINDER (3nCi)	0.003	76	Chloride	0.228
identiFINDER (15nCi)	0.015	541	Chloride	8.115
radHUNTER (25nCi)	0.025	5	Chloride	0.125

A combined total of 784 exempt sources were transferred in 2014 with a combined total activity of 170.468 microcuries.

Best Regards,



Jeff Preston, PhD
Radiation Safety Officer

CC Dennis Barket – General Manager
CC Charles Arnott – State Tennessee, Division of Radiological Health



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Attn: Richard Struckmeyer.

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