

December 31, 2017

Document Control Desk/Exempt Distribution
Director, Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

RE: Annual Exempt Distribution Report

Dear Madam or Sir,

Enclosed please find Bruker Detection Corporation's annual transfer report for shipment of devices to users exempt from licensing requirements as per our Exempt Device Registration No. NR-1101-D-102-E and Exempt Distribution License No. 20-35411-01E.

Exempt Gas and aerosol devices containing sealed sources as specified in Condition 10 of license 20-35411-01E were transferred pursuant to 10 CFR 32.26 for use under 10 CFR 30.20. or equivalent provisions of the regulations of any agreement state.

Distribution and transfer of exempt quantities of byproduct material specified in Condition 9.A-B of license 20-35411-01E were transferred pursuant to 10 CFR 32.18 for use under 10 CFR 30.18 or equivalent provisions of the regulations of any agreement state.

The total quantity of devices transferred in the calendar year 2017 ending December 31, is as follows:

Instruments with sealed sources				
Instrument name and Model number	quantity	activity	Total activity shipped	Transferred under
RAID-M-100 / 265330	5	Ni-63 100Mbq	500.Mbq	10 CFR32.26
RAID-M-100 / 227000	83	Ni-63 100Mbq	8300.Mbq	10 CFR32.26
RAID-AFM / 268900	3	Ni-63 100Mbq	300.Mbq	10 CFR32.26
IPDS-LR / 275000	67	Ni-63 100Mbq	6700.Mbq	10 CFR32.26
			Total 15800.Mbq	

Calibration Source				
The total activity of exempt Ni-63 sealed sources transferred under 10 CFR 32.20 and 10 CFR32.26 in year 2017 was 15800.Mbq				
The total activity of exempt sealed check sources transferred under 10 CFR 32.18 in year 2017 was .0 Mbq				

If you have any questions please contact me at 1-978-663-3660 x1307 or e-mail me at George.Gleason@BrukerDetection.us

Sincerely,



George Gleason
Radiation Safety Officer

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