

December 31, 2018

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

REC RG 10122-19M10:12

RE: Annual Exempt Distribution Report

Dear Madam or Sir,

Enclosed please find our 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. All items were transferred under 10 CFR 30.20 or Agreement State regulations.

The total quantity of devices transferred in the calendar year 2018 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 | 20 | Ni-63 100Mbq | 2000. Mbq | 10 CFR 30.20 |
| RAID-M-100 / 227000 | 83 | Ni-63 100Mbq | 8300. Mbq | 10 CFR 30.20 |
| RAID-M-100 / 281819 | 4 | Ni-63 100Mbq | 400. Mbq | 10 CFR 30.20 |
| RAID-AFM / 268900 | 9 | Ni-63 100Mbq | 900. Mbq | 10 CFR 30.20 |
| IPDS-LR / 275000 | 1 | Ni-63 100Mbq | 100. Mbq | 10 CFR 30.20 |
| Timon / 276300 | 2 | Ni-63 100Mbq | 200. Mbq | 10 CFR 30.20 |
| RAID S2 / 269200 | 4 | Ni-63 100Mbq | 400. Mbq | 10 CFR 30.20 |
| | | | 12300. Mbq | |

| Calibration Source | | | | |
|-----------------------------------|---|-------------------|------------------|--------------|
| Cesium-137 15 nCi solid sealed | 3 | Cs-137 .000555Mbq | .001665Mbq | 10 CFR 30.20 |
| | | | Total .001665Mbq | |

| |
|---|
| The total activity of exempt Ni-63 sealed sources transferred under 10 CFR 32.20 in year 2018 was 12300.Mbq |
| The total activity of exempt Cs-137 sealed sources transferred under 10 CFR 32.20 in year 2018 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