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e2v

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

28th March 2016

Re: E2V Inc. Revised Exempt Distribution Annual Transfer Report for 2015 Report Period.

Dear Director:

Please see our E2V Inc. Revised Exempt Distribution Annual Transfer Report for 2015 Report Period in reference to our original dated January 21, 2016. If you have any questions you may contact me at 914-593-6828 or 1 800 342 5338 ext. 828 or at dominic.piarulli@e2v.com

Sincerely,



Dominic Piarulli
Radiation Safety Officer, E2V Inc. N.Y.

NMSSD3

Piarulli, Dominic

From: Reber, Eric <Eric.Reber@nrc.gov>
Sent: Thursday, February 25, 2016 5:41 AM
To: Piarulli, Dominic
Subject: Request for Revision to 2015 Report of Exempt Distribution; ev2; License No. 31-23630-02E
Attachments: RIS 2014-10 Exempt Distribution.pdf

Dear Mr. Piarulli,

I've reviewed your exempt distribution report dated January 21, 2016 for the 2015 reporting period.

In your report you indicated that your products were transferred for use under 10 CFR 30.15. Please revise and resubmit your report to indicate that the products were transferred for use under 10 CFR 30.15(a)(8)(i) as required by 10 CFR 32.16(a)(2), which requires you to cite the specific paragraph designation. Also, you have based your reporting on the maximum amount of radioactive material that could be contained in each product. The reporting requirements in 10 CFR 32.16 concern the *actual* quantities of radioactive material in products that were distributed rather than the maximum that *could* be distributed. In the revision to your report, please indicate the actual quantities of radioactive material that were distributed in your products. Further information about the requirements that apply to annual reports of exempt distribution can be found in the attached Regulatory Issue Summary.

A hard copy of your revised report should be addressed and sent to:

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

Please be aware that upon your request, proprietary information submitted to the NRC may be withheld from public disclosure. To do this, you must follow the procedures in 10 CFR 2.390(b) including requesting withholding at the time the information is submitted and complying with the document marking and affidavit requirements set forth in 10 CFR 2.390 (b)(1).

If you have any questions, please feel free to contact me.

Regards,
Eric

Eric H. Reber
General Engineer/Project Manager
Materials Safety Licensing Branch
Division of Material Safety, State, Tribal, and Rulemaking Programs
US Nuclear Regulatory Commission
Washington, DC 20555-0001
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E2V Inc. Revised Exempt Distribution Annual Transfer
Report for 2015 Report Period.

E2V Inc.
520 White Plains Rd. Suite 450
Tarrytown N.Y. 10591

License No. 31-23630-02E

The following items were transferred under 10 CFR 30.15(a)(8)(i) as required by 10 CFR 32.16(a)(2) or equivalent Agreement State regulations.

Per the attached spreadsheet, all products are 2 Electrode Spark Gaps and all contain Tritium (^3H).

All products contain at least > 90% of their rated maximum radionuclide. Therefore, we will use 95% of maximum as a best estimate of actual amount of material.

<u>E2V Model#</u>	<u>Radionuclide Contained Per Device:</u>	<u>Total Units Transferred:</u>	<u>Total Radionuclide Per Model # Transferred:</u>
GAH25UL	0.11 MBq (3uCi) max /0.1045MBq(2.85uCi) Best Est	29	3.19MBq (87uCi)max/3.0305Mbq(82.65uCi) Best Est
GAH29UL	0.11 MBq (3uCi) max/0.1045MBq(2.85uCi) Best Est	29	3.19MBq (87uCi)max/3.0305Mbq(82.65uCi) Best Est
GAH31UL	0.11 MBq (3uCi) max/0.1045MBq(2.85uCi) Best Est	29	3.19MBq (87uCi)max/3.0305Mbq(82.65uCi) Best Est
GXH15C	5.44 MBq (147uCi) max/5.168Mbq(139.65) Best Est	8	43.52MBq(1176uCi)max/41.344Mbq(1117.2uCi) Best Est
GXH20	5.44MBq (147uCi) max/5.168Mbq(139.65) Best Est	0	0
GXH20IL	5.44 MBq (147uCi) max/5.168Mbq(139.65) Best Est	70	380.8MBq (10290uCi)max/361.76Mbq(9775.5uCi) Best Est
GXH20LFC	0.11MBq (2.97uCi) max/0.1045Mbq(2.82uCi) Best Est	2115	232.65Mbq(6281.55uCi) max/221Mbq(5967.47uCi) Best Est
GXH28IEQL	5.44 MBq (147uCi) max/5.168Mbq(139.65) Best Est	0	0
GXH40	5.44 MBq (147uCi) max/5.168Mbq(139.65) Best Est	120	653MBq (17640uCi)max/620Mbq(16758uCi) Best Est
GXH50	5.44 MBq (147uCi) max/5.168Mbq(139.65) Best Est	17	92MBq (2499uCi)max/88Mbq(2374uCi) Best Est
GXH85	5.44 MBq (147uCi) max/5.168Mbq(139.65) Best Est	676	3677MBq(99372uCi)max/3494Mbq(94403uCi) Best Est
<u>Total Units & Radionuclide Transferred:</u>		3093	5089Mbq(137,520uCi)max/4835Mbq(130643uCi) Best Est