



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

May 11, 2016

Robert Klem
Superior UV Technologies
25 Carriage Drive
Easton, CT 06612

SUBJECT: SUPERIOR UV TECHNOLOGIES, REQUEST FOR 2015 EXEMPT
DISTRIBUTION ANNUAL TRANSFER REPORT

Dear Mr. Klem:

After carefully reviewing our records, it appears that we do not have record of your exempt distribution transfer report for the 2015 reporting period.

As you are authorized under 10 CFR 32.14 to transfer certain products containing byproduct material to individuals exempt from regulatory requirements, you must abide by the reporting requirements for your license, which are listed in 10 CFR 32.16. These requirements include the provision that you submit an annual report to the NRC detailing transfers taking place during the previous calendar year.

Pursuant to 10 CFR 32.16, you must include the following information in your annual transfer reports:

- identification of the licensee, including the license number;
- indication that the products transferred for use under 10 CFR 30.15, giving the specific paragraph designation (for example, 10 CFR 30.15(a)(8) for electron tubes), or equivalent regulations of an Agreement State;
- a description and/or identification of the type of each product, including the model number(s) (if applicable);
- the total quantity of each radionuclide contained in each type of product/model; and
- the number of units of each type of product transferred, by model number (if applicable), during the reporting period.

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These reports do not need to list each individual transfer (e.g., by date or recipient) or each individual unit transferred (e.g., by serial number); however, they must list the total number of units and amount of radioactivity in each device type or model transferred for each reporting period. Also, if no transfers take place during a given reporting period, you are still required to submit a report stating so explicitly.

Pursuant to the regulations, your annual transfer reports must be submitted by January 31 each year, covering transfers that took place during the preceding calendar year. You should submit reports by mailing them to the following address:

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

or by some other means listed in 10 CFR 30.6(a).

Your report for the 2015 reporting period appears to be past due; therefore, you should submit this report as soon as possible as we are considering enforcement action in your case.

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).

In accordance with 10 CFR 2.390, "Public inspections, exemptions, requests for withholding," a copy of this letter will be available electronically for public inspection in NRC's Public Document Room or from the Publicly Available Records component of NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC web site at <http://www.nrc.gov/reading-rm/adams.html>.

If you have any questions, or if your understanding differs from the above, please contact me at (301) 415-5608, or by electronic mail at Eric.Reber@nrc.gov.

Sincerely,



Eric H. Reber
Materials Safety Licensing Branch
Division of Material Safety, State, Tribal,
and Rulemaking Programs
Office of Nuclear Material Safety
and Safeguards

License No. 06-23969-02E
Docket No. 030-37767

Superior UV Technologies
License No. 06-23969-02E
Annual Report 2015

Item ID	Item Description	Units Sold	Units Purc	UPC / SKU
BSEQ1000W/230V/GX	SEQ 1000WATT 230V GX12-1	200	203	100241
BSEQ1000W/230V/IS2	SEQ 1000-1400W IS2	6	12	100953
BSEQ1000W/230V/PI	SEQ 800-1000WATT PLUG-IN	1444	1628	100925
BSEQ1000W/230V/SB	SEQ 1000WATT STEP BASE	182	125	100928
BSEQ1000W/230V/SS	SEQ 1000-1400W 230V SS	42	50	100937
BSEQ1000W/230V/UP	SEQ 800-1000WATT 230V UP	1		100945
BSEQ1000W/230V/WL	SEQ 800-1000WATT WIRE LEAD	138	100	100926
BSEQ1000W/380V/WL	SEQ 1000WATT WIRE LEAD	160	150	100927
BSEQ1510W/230V/BL	SEQ 1510WATT BLADE			100929
BSEQ1530W/230V/PN	SEQ 1530WATT PIN	164	155	100930
BSEQ2000W/230V/WL	SEQ 2000WATT 230V WIRE LEAD	28	32	100931
BSEQ2000W/380V/WL	SEQ 2000WATT 380VOLT WIRE LEAD	6	6	100932
BSEQ2000W/380V/XL	SEQ 2000WATT XL WIRE LEAD	7	6	100904
BSEQ250W/230V/PI	SEQ 250W 230V PLUG-IN	413	400	100849
BSEQ250W/230V/RB	SEQ 250W 230V ROUND BASE	246	227	2962
BSEQ400-500W/230V/CI	SEQ 400-500WATT CLIP-IN	11047	11200	100915
BSEQ400-500W/230V/WL	SEQ 400-500WATT WIRELEAD			100916
BSEQ500W/230V/PI	SEQ 300-520WATT PLUG-IN	3915	3840	100917
BSEQ600W/230V/WL	SEQ 600WATT 230V WIRE LEAD	8	20	100948
BSEQ600W/230V/UP	SEQ 600WATT 230V UP	174	165	100946
BSEQ610W/230V/BL	SEQ 610WATT BLADE	31	50	100918
BSEQ620w/230V/DE	SEQ 620W 230V DE			100939
BSEQ620W/230V/GX	SEQ 620W 230V GX12-1	1040	1000	100242
BSEQ620W/230V/SB	SEQ 620WATT 230V STEP BASE		25	100920
BSEQ620W/230V/SS	SEQ 620W 230V SS	293	250	100936
BSEQ630W/230V/PN	SEQ 630WATT PIN	826	798	100919
BSEQ650W/230V/IS2	SEQ 500-650W ROUND PIN (IS2)	151	175	100951
BSEQ650W/230V/PI	SEQ 650WATT PLUG-IN	5936	5912	100921
BSEQ650W/230V/WL	SEQ 650WATT WIRE LEAD	8		100922
BSEQ800W/230V/CI	SEQ 800WATT 230V CLIP-IN	451	464	100924
BSEQ800W/230V/IS2	SEQ 800W ROUND PIN (IS2)			100952
BSEQ800W/230V/PI	SEQ 800WATT 230V PLUG-IN	575	575	100940
BSEQ900W/230V/PL	SEQ 900-1200W PLUG-IN	185	150	100943
		<u>27677</u>	<u>27718</u>	

Superior UV Technologies
License No. 06-23969-02E

Annual Report 2015

Annual Report 2015										
Lamp Body	Outer diameter	Inner diameter with tolerance +/- 0.15	Arc Length with tolerance +/- 1mm	Total Volume	Volume	uCi at 1 atmosphere	Nominal fill pressure with tolerance	uCi/lamp		
Type	[mm]	[mm]	[mm]	[mm^3]	[Liter]	Volume X 50uCi/litre	(mbar)	Nominal Activity	Quantity Sold	Total uCi/lamp model
250W	14	10.8	15	1373.44	0.001373	0.0687	130	0.00893	659	5.9
400W	14	10.8	33	3021.56	0.003022	0.1511	130	0.01964	11047	217.0
500W	16	12.8	32	4115.66	0.004116	0.2058	100	0.02058	3915	80.6
600W	16	12.8	45	5787.65	0.005788	0.2894	110	0.03183	8467	269.5
800W	25	21.8	29	10818.84	0.010819	0.5409	160	0.08655	2769	239.7
1000W	28	24.8	48	23174.71	0.023175	1.1587	80	0.09270	779	72.2
2000W	No Kr85 in 2000W								41	0.0
Total Sales 2015									27677	884.8

Total uCi sold in 2015

The total radiation activity of all of the lamps sold for 2015 is calculated to be 885 microcuries.