

BYPRODUCT MATERIALS TRANSFER REPORT

Date: 7 January 2019

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

Pursuant to the requirements of our USNRC Materials License 20-23981-01E and **10 CFR 30.15(a)(8)(iv)** and as required by **10 CFR 32.16(a)(2)**, we hereby submit the attached report that details the transfer of products containing exempt quantities of byproduct material.

Please find attached our records of materials transfer for the period of Jan 1, 2018 – Dec 31, 2018.

Licensee:

JW North America Inc.
200 Ledgewood Place, Suite 201
Rockland, MA 02370

USNRC License: 20-23981-01E

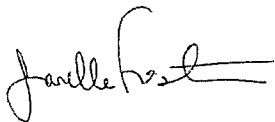
Authorized Use: Pursuant to 32.14, 10CFR Part 32

Product Type: Electron Tubes containing gaseous Kr⁸⁵

Report Period: Jan 2018 – Dec 2018

If there are any questions regarding this report, please do not hesitate to contact me.

Respectfully submitted,



Janelle Foster
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Radiation Safety Officer
JW North America, Inc

JW North America Inc.
HP Lamp Distribution Records (NRC)
January 1, 2018 - December 31, 2018

Product Description	Ship Date	Trans #	Quantity Distributed	KR85 Each (uCi)	KR85 Total (uCi)
21104-1					
JK-RUSA 400W R7s					
	1/30/2018	523620	100	0.03	3.00
	2/16/2018	523701	150	0.03	4.50
	4/6/2018	523905	100	0.03	3.00
	4/27/2018	524012	3	0.03	0.09
	4/30/2018	524026	6	0.03	0.18
	4/30/2018	524019	3	0.03	0.09
	4/30/2018	524027	3	0.03	0.09
	4/30/2018	524023	3	0.03	0.09
	5/1/2018	524037	200	0.03	6.00
	5/1/2018	524031	6	0.03	0.18
	5/2/2018	524043	5	0.03	0.15
	5/22/2018	524117	100	0.03	3.00
	6/15/2018	524212	100	0.03	3.00
	7/17/2018	524298	100	0.03	3.00
	8/21/2018	524408	200	0.03	6.00
	10/4/2018	524520	100	0.03	3.00
	11/16/2018	524622	100	0.03	3.00
	12/10/2018	524669	100	0.03	3.00
Total - JK-RUSA 400W R7s			1,379		41.37
21111					
Cosmedico E 400 SE					
	1/16/2018	523567	10	0.03	0.30
	5/3/2018	524048	20	0.03	0.60
	6/11/2018	524193	10	0.03	0.30
	12/31/2018	524709	4	0.03	0.12
Total - Cosmedico E 400 SE			44		1.32
21112-1					
Cosmedico M 650W SE GY9.5					
	1/10/2018	523543	15	0.22	3.30
	1/29/2018	523611	100	0.22	22.00
	1/31/2018	523628	25	0.22	5.50
	2/22/2018	523719	100	0.22	22.00
	3/8/2018	523776	28	0.22	6.16
	4/6/2018	523910	100	0.22	22.00
	4/11/2018	523925	20	0.22	4.40
	4/18/2018	523951	125	0.22	27.50
	5/3/2018	524048	12	0.22	2.64
	5/8/2018	524062	100	0.22	22.00
	5/22/2018	524114	125	0.22	27.50
	5/23/2018	524120	50	0.22	11.00
	6/13/2018	524204	125	0.22	27.50
	6/15/2018	524213	100	0.22	22.00
	7/10/2018	524274	75	0.22	16.50
	7/19/2018	524305	50	0.22	11.00
	8/28/2018	524426	100	0.22	22.00
	9/12/2018	524454	25	0.22	5.50
	9/19/2018	524472	32	0.22	7.04
	10/29/2018	524578	200	0.22	44.00
	11/14/2018	524615	125	0.22	27.50
	12/6/2018	524660	75	0.22	16.50
Total - Cosmedico M 650W SE GY9.5			1,707		375.54
21114 Disc					
Cosmedico ME 630 B					
	6/22/2018	524230	105	0.03	3.15
Total - Cosmedico ME 630 B			105		3.15

Product Description	Ship Date	Trans.#	Quantity Distributed	KR85 Each (uCi)	KR85 Total (uCi)
23480856					
Corona 1000W SE-S					
	6/8/2018	524188	101	0.14	14.14
Total - Corona 1000W SE-S			101		14.14
23510902					
Corona 620W GX-12					
	6/8/2018	524188	122	0.22	26.84
Total - Corona 620W GX-12			122		26.84
24003-1					
Cosmedico E 400W R7s					
	1/31/2018	523627	50	0.17	8.50
	1/31/2018	523626	25	0.17	4.25
	1/31/2018	523625	50	0.17	8.50
	3/15/2018	523813	500	0.17	85.00
	3/23/2018	523866	25	0.17	4.25
	4/6/2018	523907	4	0.17	0.68
	4/13/2018	523938	2	0.17	0.34
	4/18/2018	523953	6	0.17	1.02
	5/23/2018	524126	30	0.17	5.10
	5/23/2018	524124	4	0.17	0.68
	5/23/2018	524123	17	0.17	2.89
	5/23/2018	524127	26	0.17	4.42
	6/1/2018	524159	6	0.17	1.02
	7/2/2018	524259	12	0.17	2.04
	9/11/2018	524450	8	0.17	1.36
	9/11/2018	524451	6	0.17	1.02
	9/13/2018	524458	25	0.17	4.25
	9/13/2018	524462	10	0.17	1.70
	12/27/2018	524700	20	0.17	3.40
Total - Cosmedico M 400W R7s			826		140.42
24004-1					
Cosmedico E 400 L					
	6/19/2018	524218	2	0.02	0.04
Total - Cosmedico E 400 L			2		0.04
24006-1					
Cosmedico M 500W SE GY9.5					
	1/16/2018	523567	7	0.15	1.05
	3/6/2018	523760	4	0.15	0.60
	5/24/2018	524133	12	0.15	1.80
	8/1/2018	524352	4	0.15	0.60
	8/23/2018	524414	4	0.15	0.60
	9/19/2018	524474	25	0.15	3.75
Total - Cosmedico M 500W SE GY9.5			56		8.40

Product Description	Ship Date	Trans #	Quantity Distributed	KR85 Each (uCi)	KR85 Total (uCi)
24007-1					
Cosmedico M 500W R7s					
	1/16/2018	523569	10	0.15	1.50
	1/29/2018	523611	50	0.15	7.50
	1/31/2018	523628	100	0.15	15.00
	2/6/2018	523646	75	0.15	11.25
	2/6/2018	523647	25	0.15	3.75
	2/22/2018	523719	100	0.15	15.00
	3/7/2018	523765	50	0.15	7.50
	3/16/2018	523825	150	0.15	22.50
	4/5/2018	523902	100	0.15	15.00
	4/13/2018	523934	3	0.15	0.45
	4/18/2018	523951	75	0.15	11.25
	5/8/2018	524062	25	0.15	3.75
	5/22/2018	524114	100	0.15	15.00
	6/13/2018	524204	120	0.15	18.00
	6/28/2018	524250	5	0.15	0.75
	9/13/2018	524462	10	0.15	1.50
	9/26/2018	524493	50	0.15	7.50
	11/14/2018	524615	50	0.15	7.50
	12/4/2018	524646	75	0.15	11.25
Total - Cosmedico M 500W R7s			1,173		175.95
24008-1					
Cosmedico M 500W L					
	11/2/2018	524595	1	0.15	0.15
Total - Cosmedico M 500W L			1		0.15
24022-1					
Ariana SBSN 1000 SE					
	1/10/2018	523543	3	0.12	0.36
	1/16/2018	523567	13	0.12	1.56
	3/8/2018	523776	4	0.12	0.48
	3/21/2018	523853	4	0.12	0.48
	4/19/2018	523961	5	0.12	0.60
	5/3/2018	524048	28	0.12	3.36
	5/23/2018	524127	13	0.12	1.56
	8/27/2018	524428	8	0.12	0.96
	8/27/2018	524427	3	0.12	0.36
	9/19/2018	524472	7	0.12	0.84
	9/20/2018	524484	1	0.12	0.12
Total - Ariana SBSN 1000 SE			89		10.68
24101					
CosmoTech 1200W wire leads					
	1/16/2018	523569	4	0.06	0.24
Total - CosmoTech 1200W wire leads			4		0.24
24103-1					
Cosmedico E 1000 L					
	1/10/2018	523572	8	0.50	4.00
	3/15/2018	523813	27	0.50	13.50
	5/23/2018	524124	4	0.50	2.00
	6/1/2018	524157	3	0.50	1.50
	7/18/2018	524299	4	0.50	2.00
	10/4/2018	524519	3	0.50	1.50
	10/11/2018	524529	2	0.50	1.00
Total - Cosmedico E 1000 L			51		25.50
24171-1					
Cosmedico E 1000W SE GY9.5					
	4/20/2018	523963	2	0.12	0.24
	9/5/2018	524434	3	0.12	0.36
Total - Cosmedico E 1000W SE GY9.5			5		0.60

Product Description	Ship Date	Trans. #	Quantity Distributed	KR85 Each (uCi)	KR85 Total (uCi)
24178-1					
Cosmedico M 800W R7s					
	6/1/2018	524157	4	0.08	0.32
	12/12/2018	524672	36	0.08	2.88
Total - Cosmedico M 800W R7s			40		3.20
24203 Disc					
Cosmedico E 2000 L 220v					
	5/2/2018	524040	24	0.19	4.56
	5/24/2018	524132	2	0.19	0.38
Total - Cosmedico E 2000 L 220v			26		4.94
24293					
Evolution Light 500W 230V					
	1/29/2018	523606	100	0.22	22.00
	3/20/2018	523838	100	0.22	22.00
	5/1/2018	524035	150	0.22	33.00
	7/5/2018	524268	50	0.22	11.00
	10/17/2018	524547	150	0.22	33.00
	11/16/2018	524620	250	0.22	55.00
Total - Evolution Light 500W 230V			800		176.00
24294					
Evolution Light 620/650W 230V					
	1/29/2018	523606	250	0.06	15.00
	1/30/2018	523619	200	0.06	12.00
	4/9/2018	523913	218	0.06	13.08
	5/1/2018	524035	175	0.06	10.50
	5/9/2018	524069	200	0.06	12.00
	5/30/2018	524149	50	0.06	3.00
	7/5/2018	524268	200	0.06	12.00
	7/31/2018	524349	200	0.06	12.00
	9/20/2018	524481	250	0.06	15.00
	10/17/2018	524547	125	0.06	7.50
	11/16/2018	524620	525	0.06	31.50
	12/7/2018	524662	200	0.06	12.00
Total - Evolution Light 620/650W 230V			2,593		155.58
30138					
Evolution Light 800W 230V					
	3/20/2018	523838	20	0.06	1.20
	5/30/2018	524149	12	0.06	0.72
	7/31/2018	524349	25	0.06	1.50
	9/20/2018	524481	25	0.06	1.50
	10/17/2018	524547	24	0.06	1.44
	11/16/2018	524620	25	0.06	1.50
	12/7/2018	524662	25	0.06	1.50
Total - Evolution Light 800W 230V			156		9.36
30139					
Evolution Light 1000W 230V					
	1/29/2018	523606	50	0.14	7.00
	1/30/2018	523619	25	0.14	3.50
	3/20/2018	523838	36	0.14	5.04
	5/1/2018	524035	36	0.14	5.04
	5/30/2018	524149	30	0.14	4.20
	7/5/2018	524268	25	0.14	3.50
	9/20/2018	524481	25	0.14	3.50
	10/17/2018	524547	30	0.14	4.20
	11/16/2018	524620	100	0.14	14.00
	12/7/2018	524662	25	0.14	3.50
Total - Evolution Light 1000W 230V			382		53.48

Product Description	Ship Date	Trans #	Quantity Distributed	KR85 Each (uCi)	KR85 Total (uCi)
445001					
Eternal Sun 67 - HP 800					
	1/10/2018	523572	4	0.15	0.60
	1/31/2018	523625	25	0.15	3.75
	4/6/2018	523910	75	0.15	11.25
	5/22/2018	524114	125	0.15	18.75
	5/29/2018	524144	6	0.15	0.90
	6/13/2018	524204	50	0.15	7.50
	7/10/2018	524274	100	0.15	15.00
	8/14/2018	524380	25	0.15	3.75
	9/10/2018	524443	2	0.15	0.30
	9/12/2018	524454	175	0.15	26.25
	11/14/2018	524615	25	0.15	3.75
	12/4/2018	524646	200	0.15	30.00
Total - Eternal Sun 67 - HP 800			812		121.80
480001					
Eternal Sun 105 - 800W					
	7/25/2018	524327	200	0.12	24.00
Total - Eternal Sun 105 - 800W			200		24.00
900612555					
Ergoline Ultra 520 W					
	1/31/2018	523625	25	0.02	0.50
	2/1/2018	523640	200	0.02	4.00
	3/12/2018	523785	100	0.02	2.00
	3/20/2018	523842	100	0.02	2.00
	4/6/2018	523905	700	0.02	14.00
	4/10/2018	523920	100	0.02	2.00
	4/11/2018	523922	1,250	0.02	25.00
	4/26/2018	524005	500	0.02	10.00
	4/30/2018	524018	6	0.02	0.12
	5/1/2018	524037	300	0.02	6.00
	5/8/2018	524063	500	0.02	10.00
	5/22/2018	524117	100	0.02	2.00
	5/23/2018	524116	500	0.02	10.00
	6/1/2018	524158	750	0.02	15.00
	6/28/2018	524244	1,000	0.02	20.00
	7/9/2018	524272	150	0.02	3.00
	7/13/2018	524292	200	0.02	4.00
	7/17/2018	524298	100	0.02	2.00
	7/26/2018	524329	200	0.02	4.00
	7/31/2018	524350	425	0.02	8.50
	8/21/2018	524408	250	0.02	5.00
	8/29/2018	524429	300	0.02	6.00
	9/11/2018	524446	450	0.02	9.00
	9/25/2018	524488	525	0.02	10.50
	10/4/2018	524520	275	0.02	5.50
	10/15/2018	524536	550	0.02	11.00
	10/24/2018	524563	250	0.02	5.00
	10/24/2018	524562	50	0.02	1.00
	10/29/2018	524581	250	0.02	5.00
	11/2/2018	524593	25	0.02	0.50
	11/12/2018	524608	450	0.02	9.00
	11/16/2018	524622	400	0.02	8.00
	11/27/2018	524630	450	0.02	9.00
	12/4/2018	524647	300	0.02	6.00
	12/10/2018	524669	375	0.02	7.50
	12/13/2018	524676	575	0.02	11.50
	12/17/2018	524690	350	0.02	7.00
Total - Ergoline Ultra 520 W			13,031		260.62

Product Description	Ship Date	Trans #	Quantity Distributed	KR85 Each (uCi)	KR85 Total (uCi)
913132641					
HPA 250-500/30 SD FX L					
	6/1/2018	524157	25	0.02	0.50
Total - HPA 250-500/30 SD FX L			25		0.50
913134045					
Cleo HPA 250-500/SE FX					
	1/11/2018	523549	100	0.02	2.00
	1/16/2018	523568	50	0.02	1.00
	1/29/2018	523611	75	0.02	1.50
	1/29/2018	523605	6	0.02	0.12
	1/30/2018	523621	50	0.02	1.00
	1/31/2018	523629	3	0.02	0.06
	2/22/2018	523719	75	0.02	1.50
	3/7/2018	523765	25	0.02	0.50
	3/8/2018	523775	12	0.02	0.24
	3/12/2018	523781	75	0.02	1.50
	3/21/2018	523851	50	0.02	1.00
	3/21/2018	523854	28	0.02	0.56
	4/10/2018	523919	25	0.02	0.50
	4/18/2018	523951	75	0.02	1.50
	4/26/2018	524008	50	0.02	1.00
	5/3/2018	524048	1	0.02	0.02
	5/8/2018	524062	200	0.02	4.00
	5/22/2018	524114	125	0.02	2.50
	5/22/2018	524101	50	0.02	1.00
	5/24/2018	524136	10	0.02	0.20
	5/24/2018	524132	5	0.02	0.10
	6/1/2018	524157	75	0.02	1.50
	6/5/2018	524167	3	0.02	0.06
	6/13/2018	524204	75	0.02	1.50
	6/14/2018	524209	5	0.02	0.10
	6/15/2018	524213	100	0.02	2.00
	6/18/2018	524214	75	0.02	1.50
	6/18/2018	524216	36	0.02	0.72
	6/21/2018	524226	20	0.02	0.40
	6/27/2018	524238	100	0.02	2.00
	7/19/2018	524305	200	0.02	4.00
	7/25/2018	524327	150	0.02	3.00
	8/15/2018	524389	50	0.02	1.00
	8/28/2018	524426	100	0.02	2.00
	8/31/2018	524432	25	0.02	0.50
	9/19/2018	524474	25	0.02	0.50
	9/26/2018	524493	50	0.02	1.00
	10/25/2018	524568	75	0.02	1.50
	10/29/2018	524578	50	0.02	1.00
	11/2/2018	524595	20	0.02	0.40
	11/14/2018	524615	50	0.02	1.00
	12/4/2018	524646	75	0.02	1.50
	12/6/2018	524660	100	0.02	2.00
	12/17/2018	524689	25	0.02	0.50
	12/19/2018	524693	75	0.02	1.50
	12/19/2018	524691	25	0.02	0.50
Total - Cleo HPA 250-500/SE FX			2,674		53.48

Product Description	Ship Date	Trans #	Quantity Distributed	KR85 Each (uCi)	KR85 Total (uCi)
913137141					
HPA 400/30 SD L					
	1/8/2018	523530	175	0.03	5.25
	1/11/2018	523548	50	0.03	1.50
	1/29/2018	523607	10	0.03	0.30
	2/1/2018	523639	150	0.03	4.50
	2/6/2018	523645	12	0.03	0.36
	2/16/2018	523701	100	0.03	3.00
	3/7/2018	523764	50	0.03	1.50
	3/20/2018	523836	50	0.03	1.50
	4/6/2018	523905	150	0.03	4.50
	4/6/2018	523904	25	0.03	0.75
	4/11/2018	523922	20	0.03	0.60
	4/25/2018	524002	25	0.03	0.75
	4/26/2018	524010	10	0.03	0.30
	5/1/2018	524037	25	0.03	0.75
	5/22/2018	524117	50	0.03	1.50
	5/23/2018	524116	25	0.03	0.75
	5/24/2018	524136	50	0.03	1.50
	6/1/2018	524158	60	0.03	1.80
	6/18/2018	524216	3	0.03	0.09
	6/21/2018	524226	25	0.03	0.75
	6/28/2018	524244	40	0.03	1.20
	7/17/2018	524298	25	0.03	0.75
	7/26/2018	524328	50	0.03	1.50
	8/21/2018	524408	25	0.03	0.75
	8/22/2018	524411	4	0.03	0.12
	10/4/2018	524519	50	0.03	1.50
	10/15/2018	524538	25	0.03	0.75
	12/13/2018	524676	50	0.03	1.50
Total - HPA 400/30 SD L			1,334		40.02
913138841					
HPA 400/30 SL					
	1/8/2018	523528	5	0.07	0.35
	1/16/2018	523568	75	0.07	5.25
	1/29/2018	523611	75	0.07	5.25
	1/29/2018	523605	50	0.07	3.50
	2/6/2018	523647	50	0.07	3.50
	2/13/2018	523675	50	0.07	3.50
	2/20/2018	523703	20	0.07	1.40
	2/22/2018	523719	100	0.07	7.00
	3/1/2018	523749	100	0.07	7.00
	3/12/2018	523781	50	0.07	3.50
	3/12/2018	523796	25	0.07	1.75
	3/14/2018	523810	200	0.07	14.00
	3/15/2018	523816	50	0.07	3.50
	3/16/2018	523825	250	0.07	17.50
	3/27/2018	523873	20	0.07	1.40
	4/6/2018	523910	250	0.07	17.50
	4/6/2018	523909	30	0.07	2.10
	4/19/2018	523954	20	0.07	1.40
	4/24/2018	523979	50	0.07	3.50
	5/8/2018	524062	50	0.07	3.50
	5/15/2018	524084	20	0.07	1.40
	5/29/2018	524147	25	0.07	1.75
	5/31/2018	524154	50	0.07	3.50
	6/15/2018	524213	150	0.07	10.50
	6/18/2018	524214	25	0.07	1.75
	7/10/2018	524275	50	0.07	3.50
	7/13/2018	524294	15	0.07	1.05
	8/28/2018	524426	200	0.07	14.00
	8/30/2018	524430	50	0.07	3.50
	9/5/2018	524435	75	0.07	5.25
	10/17/2018	524550	12	0.07	0.84
	10/29/2018	524578	75	0.07	5.25
	11/16/2018	524621	12	0.07	0.84
	12/6/2018	524660	100	0.07	7.00
Total - HPA 400/30 SL			2,379		166.53

Product Description	Ship Date	Trans #	Quantity Distributed	KR85 Each (uCi)	KR85 Total (uCi)
919220245					
CLEO HPA 400 S					
	1/8/2018	523528	15	0.06	0.90
	1/23/2018	523587	1	0.06	0.06
	3/26/2018	523871	8	0.06	0.48
	5/14/2018	524074	1	0.06	0.06
	7/13/2018	524294	5	0.06	0.30
	10/10/2018	524525	25	0.06	1.50
	12/3/2018	524643	10	0.06	0.60
Total - CLEO HPA 400 S			65		3.90
920669541					
Cleo HPA 700S FX					
	5/3/2018	524049	32	0.07	2.24
	5/16/2018	524092	20	0.07	1.40
Total - Cleo HPA 700S FX			52		3.64
920677041					
HPA 250-500 SDC FX					
	3/12/2018	523781	25	0.03	0.75
	4/10/2018	523919	12	0.03	0.36
	5/22/2018	524101	12	0.03	0.36
Total - HPA 250-500 SDC FX			49		1.47
921376145					
HPA 620 FX					
	1/12/2018	523565	6	0.06	0.36
Total - HPA 620 FX			6		0.36
938670245					
HPA 1010 SE FX					
	1/29/2018	523611	100	0.12	12.00
	1/31/2018	523628	50	0.12	6.00
	2/22/2018	523719	50	0.12	6.00
	3/7/2018	523765	25	0.12	3.00
	4/6/2018	523910	50	0.12	6.00
	4/18/2018	523951	50	0.12	6.00
	5/8/2018	524062	75	0.12	9.00
	5/22/2018	524114	125	0.12	15.00
	5/23/2018	524130	50	0.12	6.00
	5/23/2018	524127	3	0.12	0.36
	6/1/2018	524157	6	0.12	0.72
	6/15/2018	524213	75	0.12	9.00
	6/18/2018	524216	3	0.12	0.36
	7/19/2018	524305	50	0.12	6.00
	8/28/2018	524426	75	0.12	9.00
	9/26/2018	524493	25	0.12	3.00
	11/14/2018	524615	125	0.12	15.00
	12/6/2018	524660	25	0.12	3.00
Total - HPA 1010 SE FX			962		115.44

Product Description	Ship Date	Trans #	Quantity Distributed	KR85 Each (uCi)	KR85 Total (uCi)
996000101					
Ergoline 60/80 EF					
	1/31/2018	523625	90	0.22	19.80
	2/27/2018	523732	200	0.22	44.00
	3/12/2018	523785	250	0.22	55.00
	3/12/2018	523784	75	0.22	16.50
	3/19/2018	523833	400	0.22	88.00
	4/6/2018	523905	500	0.22	110.00
	4/6/2018	523905	225	0.22	49.50
	4/10/2018	523920	250	0.22	55.00
	4/11/2018	523922	90	0.22	19.80
	4/26/2018	524005	600	0.22	132.00
	4/30/2018	524016	60	0.22	13.20
	4/30/2018	524019	30	0.22	6.60
	4/30/2018	524017	30	0.22	6.60
	4/30/2018	524018	30	0.22	6.60
	4/30/2018	524021	30	0.22	6.60
	5/1/2018	524037	159	0.22	34.98
	6/8/2018	524190	500	0.22	110.00
	6/8/2018	524190	50	0.22	11.00
	6/8/2018	524190	200	0.22	44.00
	6/8/2018	524190	250	0.22	55.00
	6/15/2018	524212	250	0.22	55.00
	6/20/2018	524221	100	0.22	22.00
	6/28/2018	524244	600	0.22	132.00
	7/9/2018	524272	300	0.22	66.00
	7/13/2018	524292	100	0.22	22.00
	7/17/2018	524298	200	0.22	44.00
	7/26/2018	524328	300	0.22	66.00
	7/31/2018	524350	100	0.22	22.00
	8/15/2018	524387	30	0.22	6.60
	8/16/2018	524396	30	0.22	6.60
	8/16/2018	524397	30	0.22	6.60
	8/16/2018	524398	30	0.22	6.60
	8/21/2018	524406	470	0.22	103.40
	9/19/2018	524474	25	0.22	5.50
	9/25/2018	524488	1,000	0.22	220.00
	9/25/2018	524488	100	0.22	22.00
	9/25/2018	524488	100	0.22	22.00
	9/25/2018	524488	300	0.22	66.00
	10/4/2018	524520	100	0.22	22.00
	10/15/2018	524536	300	0.22	66.00
	10/24/2018	524563	100	0.22	22.00
	10/24/2018	524562	50	0.22	11.00
	11/2/2018	524593	25	0.22	5.50
	11/12/2018	524608	200	0.22	44.00
	11/16/2018	524622	200	0.22	44.00
	11/27/2018	524630	150	0.22	33.00
	12/4/2018	524647	350	0.22	77.00
	12/10/2018	524669	250	0.22	55.00
	12/17/2018	524690	450	0.22	99.00
Total - Ergoline 60/80 EF			10,259		2,256.98
BLE400					
BLE-400 400W MHL					
	2/8/2018	523664	252	0.06	15.12
	6/8/2018	524191	252	0.06	15.12
	6/8/2018	524191	10	0.06	0.60
	12/11/2018	524670	280	0.06	16.80
Total - BLE-400 400W MHL			794		47.64
R02362					
Radiance HP 600-800W Gy9.5					
	1/16/2018	523571	600	0.22	132.00
	2/6/2018	523644	163	0.22	35.86
	3/23/2018	523865	1,312	0.22	288.64
	11/14/2018	524613	200	0.22	44.00
	12/28/2018	524708	300	0.22	66.00
Total - Radiance HP 600-800W Gy9.5			2,575		566.50

Product Description	Ship Date	Trans #	Quantity Distributed	KR85 Each (uCi)	KR85 Total (uCi)
R02600					
Radiance HP 1000W 230V Wire Lead					
	6/5/2018	524162	25	0.14	3.50
	10/4/2018	524518	25	0.14	3.50
	11/14/2018	524613	25	0.14	3.50
Total - Radiance HP 1000W 230V Wire Lead			75		10.50
R02606					
Radiance HP 630W PIN					
	2/6/2018	523644	45	0.06	2.70
	2/22/2018	523714	102	0.06	6.12
	4/9/2018	523914	101	0.06	6.06
	11/14/2018	524613	25	0.06	1.50
Total - Radiance HP 630W PIN			273		16.38
R02609					
Radiance HP 300/520W 230v Plug In					
	1/16/2018	523571	500	0.14	70.00
	2/6/2018	523644	50	0.14	7.00
	4/5/2018	523898	250	0.14	35.00
	5/3/2018	524046	450	0.14	63.00
	6/5/2018	524162	100	0.14	14.00
	10/4/2018	524518	75	0.14	10.50
	11/14/2018	524613	450	0.14	63.00
	11/14/2018	524613	5	0.14	0.70
Total - Radiance HP 300/520W 230v Plug In			1,880		263.20
R02610					
Radiance HP 800-1000W GY9.5 230V					
	1/16/2018	523571	100	0.12	12.00
	2/6/2018	523644	50	0.12	6.00
	5/3/2018	524046	200	0.12	24.00
	6/5/2018	524162	50	0.12	6.00
	6/5/2018	524162	50	0.12	6.00
	11/14/2018	524613	250	0.12	30.00
Total - Radiance HP 800-1000W GY9.5 230V			700		84.00
R02611					
Radiance HP 620W 230v Wire Lead					
	1/16/2018	523571	20	0.22	4.40
	4/20/2018	523966	25	0.22	5.50
	10/4/2018	524518	25	0.22	5.50
	11/14/2018	524613	25	0.22	5.50
	11/14/2018	524613	11	0.22	2.42
	12/12/2018	524673	39	0.22	8.58
	12/12/2018	524673	14	0.22	3.08
Total - Radiance HP 620W 230v Wire Lead			159		34.98
R03060					
Radiance HP 400/500W 230v Clip-In					
	2/6/2018	523644	1,075	0.14	150.50
	4/20/2018	523965	300	0.14	42.00
	6/5/2018	524162	300	0.14	42.00
	10/4/2018	524518	325	0.14	45.50
	11/14/2018	524613	1,675	0.14	234.50
	12/28/2018	524708	50	0.14	7.00
Total - Radiance HP 400/500W 230v Clip-In			3,725		521.50

Product Description	Ship Date	Trans #	Quantity Distributed	KR85 Each (uCi)	KR85 Total (uCi)
SQ01400LWL					
SUPRA Q-01400LWL 1400W					
	1/8/2018	523531	400	0.14	56.00
	6/28/2018	524246	200	0.14	28.00
	12/12/2018	524671	150	0.14	21.00
Total - SUPRA Q-01400LWL 1400W			750		105.00
SQ01400WL					
SUPRA Q-01400WL 1000-1400W 230V					
	6/28/2018	524246	100	0.14	14.00
Total - SUPRA Q-01400WL 1000-1400W 230V			100		14.00
SQ01400WL4					
SUPRA Q-1400WL4 1000-1400W 400V					
	3/21/2018	523850	100	0.14	14.00
	4/12/2018	523933	75	0.14	10.50
Total - SUPRA Q-1400WL4 1000-1400W 400V			175		24.50
SQ01530R					
SUPRA Q-01530R 1530W PIN					
	1/8/2018	523531	50	0.14	7.00
	3/21/2018	523850	75	0.14	10.50
	8/2/2018	524354	50	0.14	7.00
	9/4/2018	524433	100	0.14	14.00
	12/12/2018	524671	150	0.14	21.00
Total - SUPRA Q-01530R 1530W PIN			425		59.50
SQ0250PIGY					
SUPRA Q-0250PIGY					
	9/4/2018	524433	50	0.03	1.50
	9/19/2018	524474	20	0.03	0.60
Total - SUPRA Q-0250PIGY			70		2.10
SQ03520PIJK					
SUPRA Q-03520PIJK					
	3/20/2018	523841	1,000	0.02	20.00
	5/16/2018	524093	500	0.02	10.00
	6/28/2018	524246	481	0.02	9.62
	9/4/2018	524433	500	0.02	10.00
	12/12/2018	524671	500	0.02	10.00
Total - SUPRA Q-03520PIJK			2,981		59.62
SQ04500SI					
SUPRA Q-04500SI 400-500 230V SI					
	3/20/2018	523841	1,250	0.02	25.00
	12/12/2018	524671	500	0.02	10.00
Total - SUPRA Q-04500SI 400-500 230V SI			1,750		35.00
SQ04500WL					
SUPRA Q-04500WL					
	4/12/2018	523933	200	0.02	4.00
Total - SUPRA Q-04500WL			200		4.00
SQ0600PIGYL					
SUPRA Q-0600PIGY-L 600W 230V PI					
	1/8/2018	523531	1,500	0.15	225.00
	1/22/2018	523585	500	0.15	75.00
	3/20/2018	523841	500	0.15	75.00
	4/12/2018	523933	877	0.15	131.55
	4/26/2018	524011	323	0.15	48.45
	5/16/2018	524093	1,200	0.15	180.00
	8/2/2018	524354	1,200	0.15	180.00
	9/4/2018	524433	1,000	0.15	150.00
	11/6/2018	524599	500	0.15	75.00
	12/12/2018	524671	1,200	0.15	180.00
Total - SUPRA Q-0600PIGY-L 600W 230V PI			8,800		1,320.00

Product Description	Ship Date	Trans #	Quantity Distributed	KR85 Each (uCi)	KR85 Total (uCi)
SQ0600WL					
SUPRA Q-0600WL					
	1/8/2018	523531	201	0.22	44.22
	7/5/2018	524267	7	0.22	1.54
	9/19/2018	524474	1	0.22	0.22
Total - SUPRA Q-0600WL			209		45.98
SQ0610LWL					
SUPRA Q-0610LWL					
	1/8/2018	523531	102	0.22	22.44
	8/2/2018	524354	400	0.22	88.00
	12/12/2018	524671	150	0.22	33.00
Total - SUPRA Q-0610LWL			652		143.44
SQ06630R					
SUPRA Q-06630R 630W PIN					
	3/21/2018	523850	200	0.06	12.00
	5/16/2018	524093	262	0.06	15.72
	6/28/2018	524246	303	0.06	18.18
	12/12/2018	524671	500	0.06	30.00
Total - SUPRA Q-06630R 630W PIN			1,265		75.90
SQ0800PIY-L					
SUPRA Q-0800PIY-L 800W 230V PI					
	6/28/2018	524246	208	0.06	12.48
Total - SUPRA Q-0800PIY-L 800W 230V PI			208		12.48
SQ0800SI					
SUPRA Q-0800SI					
	6/26/2018	524235	153	0.06	9.18
Total - SUPRA Q-0800SI			153		9.18
SQ08100PIGYL					
SUPRA Q-08100PIGY-L 800-1000W					
	1/8/2018	523531	400	0.12	48.00
	4/12/2018	523933	600	0.12	72.00
	5/16/2018	524093	500	0.12	60.00
	6/5/2018	524164	2	0.12	0.24
	6/28/2018	524246	300	0.12	36.00
	9/4/2018	524433	400	0.12	48.00
	12/12/2018	524671	600	0.12	72.00
Total - SUPRA Q-08100PIGY-L 800-1000W			2,802		336.24
SQ0900PIGH					
SUPRA Q-0900PIGH					
	4/12/2018	523933	200	0.50	100.00
	9/4/2018	524433	300	0.50	150.00
Total - SUPRA Q-0900PIGH			500		250.00
Total			72,731		8,317