

**From:** Charlotte Groves <charlotte@wslusa.com>  
**Sent:** Friday, January 29, 2016 2:46 PM  
**To:** Reber, Eric  
**Cc:** Fred  
**Subject:** [External\_Sender] 2015 Federal NRC Transfer of Byproduct (Krypton 85 Gas) Material Report  
**Attachments:** 2015 Federal Annual Material Report - Transfer of Byproduct (Krypton 85 Gas).xlsx

Dear Eric,

Attached is the 2015 Federal NRC Transfer of Byproduct (Krypton 85 Gas) Material Report.

Feel free to call or email with any questions or concerns and thank you in advance for your cooperation.

*Charlotte Groves*

*Office Administrator*



**Worldwide Specialty Lamp**

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# 2015 Federal NRC Transfer of Byproduct (Krypton 85 Gas) Material Report

(Sales of Imported lamps containing Krypton 85 Gas)

Due Date: Mail & Email No Later than January 31st, 2016

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

**EMAIL:** Eric.Reber@nrc.gov

**Licensee:** *Worldwide Specialty Lamp*  
 6759 Oak Ridge Commerce Way SW  
 Austell, Georgia 30168

**License #:** 10-23967-01E

**Phone:** 770-948-0755 Ext. 24

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**Email:** charlotte@wslusa.com

**Amount of radionuclide per lamp: (Amount listed below is specified in production, actual levels are less in lamps)**  
 Each lamp contains up to 25 kBq/l (0.005000 to 0.010000dmq) of Krypton 85 gas sealed inside each lamp/bulb  
 These products containing Kr-85 are transferred for use under 10 CFR 30.15(a)(8)(iv) as required by 10 CFR 32.16 (a)(2).

SERIES	ITEM NUMBERS & DESCRIPTIONS	Qty	kBq	Total kBq
HP 1000	004.0013 LET 1000w 220v wire lead			
	004.0037 LET 1000w-1500w 220v	42	0.9066	38.07
	004.0038 LET 1000w 380v wire lead			
	004.0041 LET 1000w single ended Corona	140	0.7326	102.56
	004.0047 LET 1000w Keyed Base	170	0.7326	102.56
	23447 HPA 1040SE FX Single ended Keyed Base			
	23451 HPA 1010 SE FX			
	23452 HPA 1001R			
HP 1200	23046 HPA 1200S FX 1000w/220v wirelead			
	23051 HPA 1220FX 1000w 380v 4pk wirelead			
HP 1400	004.0049 LET 1400w ISO wirelead replacement			
	004.0052 LET 1400w Kalfasun replacement			
	004.0101 LET 80-120 SE-K 500w-1400w			
HP 1500	004.0045 LET 1510w			
	004.0048 LET 1530w			
HP 200	23047 HPA 250-500 30SD FX			
	913134045 Cleo HPA 250-500 SE FX			
HP 2000	004.0029 LET 2000w 380v wirelead			
	004.0039 LET HPA 2000w/220v wire lead			
	23052 HPA 2020 S/FX 2000W 380V wirelead			
	920671845 CLEO HPA 2040w S FX			
HP 300	004.0040 LET 300w-500w SE			
HP 400	004.0004 LET 400w R7s			
	004.0005 LET 400w leads			
	23040 HPA 400w 30SL			
	23042 HPA 400w 30 SDL			
	23043 HPA 400 S Long Philips Corona			
	23049 HPA 400w/30S			
	938358945 HPA 400/30SD			
	004.0003 LET 500w leads			
HP 500	004.0006 LET 500w R7s			
	004.0105 LET Corona 500-700 SEK Single Ended Keyed Base			
HP 600	004.0042 LET 610w - Blade			
	004.0043 LET 620w			
	004.0044 LET 630w	106	0.1848	19.58
	004.0070 LET 700w R7s	67	0.4030	27
	23450 HPA 700/800 FX C			
		<b>525</b>		<b>290</b>
		Total Lamps		Total kBq

UPDATED