

2014 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, 2015

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

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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

SERIES	ITEM NUMBERS & DESCRIPTIONS	Qty	kBq	Total kBq
HP 1000	004.0013 LET 1000w 220v wire lead	2	25	50
	004.0037 LET 1000w-1500w 220v	16	25	400
	004.0038 LET 1000w 380v wire lead	0	25	0
	004.0041 LET 1000w single ended Corona	0	25	0
	004.0047 LET 1000w Keyed Base	0	25	0
	23447 HPA 1040SE FX Single ended Keyed Base	0	25	0
	23451 HPA 1010 SE FX	0	25	0
	23452 HPA 1001R	0	25	0
HP 1200	23046 HPA 1200S FX 1000w/220v wirelead	0	25	0
	23051 HPA 1220FX 1000w 380v 4pk wirelead	0	25	0
HP 1400	004.0049 LET 1400w ISO wirelead replacement	0	25	0
	004.0052 LET 1400w Kalfasun replacement	0	25	0
	004.0101 LET 80-120 SE-K 500w-1400w	0	25	0
HP 1500	004.0045 LET 1510w	2	25	50
	004.0048 LET 1530w	14	25	350
HP 200	23047 HPA 250-500 30SD FX	104	25	2600
	913134045 Cleo HPA 250-500 SE FX	111	25	2775
HP 2000	004.0029 LET 2000w 380v wirelead	0	25	0
	004.0039 LET HPA 2000w/220v wire lead	3	25	75
	004.0053 LET 2300w Kalfasun replacement	0	25	0
	23052 HPA 2020 S/FX 2000W 380V wirelead	0	25	0
	920671845 CLEO HPA 2040w S FX	0	25	0
HP 300	004.0040 LET 300w-500w SE	293	25	7325
HP 400	004.0004 LET 400w R7s	1987	25	49675
	004.0005 LET 400w leads	4	25	100
	23040 HPA 400w 30SL (Lamp marked with LET 004.1032)	249	25	6225
	23042 HPA 400w 30 SDL	0	25	0
	23043 HPA 400 S Long Philips	6	25	150
	23049 HPA 400w/30S (Lamp marked with LET 004.1031)	110	25	2750
	938358945 HPA 400/30SD	0	25	0
HP 500	004.0003 LET 500w leads	15	25	375
	004.0006 LET 500w R7s	0	25	0
	004.0105 LET Corona 500-700 SEK Single Ended Keyed Base	126	25	3150
HP 600	004.0042 LET 610w - Blade	1	25	25
	004.0043 LET 620w	0	25	0
	004.0044 LET 630w	78	25	1950
	004.0102 LET 320w SE-S	0	25	0
	HP 700	004.0051 LET HPA 700 FX Replacement	21	25
	004.0070 LET 700w R7s	36	25	900
	23450 HPA 700/800 FX C	400	25	10000
		3578		89450
		Total Lamps		Total kBq

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