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ATTN: Document Control Desk/Exempt Distribution
Director, Office of Federal and State Material and Environmental Management Programs
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

CC: USNRC, Region II
Sam Nunn Atlanta Federal Center, Suite 23T85
61 Forsyth Street, SW
Atlanta, GA 30303-8931

SUBJECT: **10 CFR 32.16 Exempt Quantity Byproduct Materials Transfer Report for Products Transferred for Use under 10CFR30.15 (8) (iv)**
Exempt Distribution License Number: 09-23866-01E
Expiration Date: February 29, 2020

To Whom It May Concern:

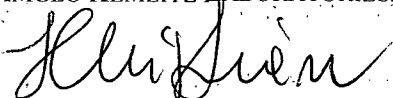
Amglo Kemlite Laboratories, Inc. is submitting information in compliance with reporting requirements published as "Final Rule: 10 CFR Parts 30, 31, 32, and 150; RIN 3150-AH41; Exemptions From Licensing, General Licenses, and Distribution of Byproduct Material: Licensing and Reporting Requirements" in the Federal Register Vo. 72, No. 199.

Krypton-85 was incorporated into custom manufactured lamps not to exceed 30 micro curies per lamp. The lamps correspond to the "electron tube" description of the regulations. Amglo has made its best effort to submit data fulfilling the requirements specified in the rule as displayed in the attached table. If there are any errors in the format or data quality provided, please clarify the issue for us and we will respond promptly with revisions. To summarize the data, Amglo has transferred the following numbers of devices containing exempt quantities of gaseous Kr-85 in the form of specialty lamps by calendar year.

Calendar Year 2009: 125 lamps total
Total Exempt Quantity of Kr-85 per Calendar Year 2009: 359.3 uCi
Calendar Year 2010: 150 lamps total
Total Exempt Quantity of Kr-85 per Calendar Year 2010: 432.8 uCi
Calendar Year 2011: 94 lamps total
Total Exempt Quantity of Kr-85 per Calendar Year 2011: 256.0 uCi
Calendar Year 2012: 446 lamps total
Total Exempt Quantity of Kr-85 per Calendar Year 2012: 694.8 uCi

Due to the very small quantity of specialty lamps manufactured and transferred by Amglo, we are confident that Amglo complies with the intent of the rule to ensure that members of the public are protected from the cumulative effects of numerous exempt quantity devices in combination.

Sincerely,
AMGLO KEMPLITE LABORATORIES, INC.



Izabela Christian
President

1-30-2013 DATE

FSMED3

Distribution of Metal Halide Lamps & Total Quantity of Kr-85 (uCi)

CALENDAR YEAR 2009[illegible]**CALENDAR YEAR 2010**[illegible]**CALENDAR YEAR 2011**[illegible]**CALENDAR YEAR 2012**[illegible]

Metal Halide Lamp Specifications

updated 9/15/2010 - PG

Description	400SA	575/2	700SA	1200SA	1200PAR
CaBr2 (mg)					
NaiSci3 (mg)					2.0
DyBr3 (mg)	2.0	0.5	2.0	5.5	6.5
CsBr (mg)	0.5	0.5	0.5	2.0	0.5
GdHoNd (mg)	0.5	0.5		0.5	
PCi5 (mg)				0.5	0.5
PBr5 (mg) powder	0.5	0.5	0.5		
uL Hg (uL)	2.5	4.8	3.7	14.0	8.24
Fill (Torr)	50	50	50	50	100
Surface Area (cm)	4.7	9.0	6.2	15.2	
Volume (cc)	1.0	2.6	1.6	6.2	6.2
Amount of Kr-85 per lamp (uCi)	0.5	1.3	0.8	3.1	3.1
Power Loading (w/cm)	84.9	63.8	113.8	78.9	
Chem. Loading (mg/cc)	3.5	0.769	2.0	0.887	

Electrical Specifications	400SA	575/2	700SA	1200SA	1200PAR
Arc Gap (mm)	3	7	4.2-4.5	7	10
Arc Loading (w/mm)	133.3	82.1	175	171	120
mg Hg (mg)	34.5	66.24	51	193.2	113.7
Hg Loading (mg/cc)	34.5	25.5	31.8	31.16	18.3
Total Chemical Loading (mg/cc)	37.5	31.26	33.8	34.6	19.5
Pressure (ATM)	35	26	32	32	19
Nom. Operating Watts (Watt)	400	575	700	1200	1200
Nom. Operating Volts (VAC)	54	95	60-70	100	100
Average Power (Watts)	400	575	700	1200	1200
Life (hours)	750	750	500	750	750
Color Temp (K)	5500	6500	5600	5600	6000
LPW	75	85	71	80	80
Amps	8.4	6	11	12	12

Amount of Kr-85 per lamp is .5 uCi/mL x volume (in cc) per lamp