

## Valentin-Rodriguez, Celimar

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**From:** Mejias, Manny (Fed) <manny.mejias@nist.gov>  
**Sent:** Wednesday, April 26, 2017 12:13 PM  
**To:** Valentin-Rodriguez, Celimar  
**Cc:** Shupe, Janna P. (Fed); Thompson, Alan Keith Dr. (Fed); Kayser, Richard F. (Fed)  
**Subject:** [External\_Sender] Update to NIST Gaithersburg's Generally Licensed Devices Inventory  
**Attachments:** GLD Inventory April 26 2017 Report to NRC.xlsx; NIST GL Inventory Cover Letter.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dear Dr. Valentín-Rodríguez,

Please find attached the cover letter and updated inventory of GLs for NIST at the Gaithersburg facility. We prepared the list for all GLs per our earlier discussion.

As indicated in the attached letter, please contact Mrs. Shupe if you have any questions regarding the report.

Respectfully,

Manuel Mejias, RRPT  
Chief, Gaithersburg Radiation Safety Division  
Office of Health, Safety, and Environment  
National Institute of Standards and Technology  
Tel: (301) 975-5022



UNITED STATES DEPARTMENT OF COMMERCE  
National Institute of Standards and Technology  
Gaithersburg, Maryland 20899-8392

April 26, 2017

Dr. Celimar Valentín-Rodríguez  
NMSS/MSTR/MSLB  
U.S. Nuclear Regulatory Commission

Subject: Reconciliation of Generally Licensed Devices Inventory - NIST Gaithersburg Facility

Dear Dr. Valentín-Rodríguez,

This letter, and the attached report, provides the current inventory of generally licensed devices at the National Institute of Standards and Technology (NIST) Gaithersburg, Maryland location of use to update the records with your office.


In November 2015, the Radiation Safety Office at NIST Gaithersburg received various letters from the Material Safety Licensing Branch, each with different general licensee recipient codes. Additionally, some of the items documented as registered to NIST appeared to be outdated; therefore I proceeded to contact Dr. Rodríguez-Luccioni to seek assistance on how to reconcile the inventory of GLs registered with your office. Dr. Rodríguez-Luccioni provided us, via email, with a list of all registered GLs associated with NIST grouped by recipient code.

Via this letter, and the attached report, we are seeking reconciliation of the inventory of GLs registered with your office as well as to provide clarification that we only have one use location.

The attached report describes the location of use and the following information for each device: (1) manufacturer; (2) model number; (3) serial number; (4) NIST inventory number.

Thank you for your attention to this letter and report. If you have further questions about the attached report, please contact the NIST Interim Radiation Safety Officer, Mrs. Janna P. Shupe, at 301-975-5804 or [janna.shupe@nist.gov](mailto:janna.shupe@nist.gov).

Sincerely,

  
Manuel Mejias, RRPT  
Chief, Gaithersburg Radiation Safety Division  
Office of Health, Safety and Environment  
National Institute of Standards and Technology  
100 Bureau Drive, Building 245  
Room C125, MS 1731  
Gaithersburg, MD 20899-1731  
301-975-5022  
[manuel.mejias@nist.gov](mailto:manuel.mejias@nist.gov)

cc: A.K. Thompson, NIST Ionizing Radiation Safety Committee Chairman  
J. P. Shupe, NIST Gaithersburg Interim Radiation Safety Officer  
R. F. Kayser, NIST Chief Safety Officer

## National Institute of Standards and Technology Gaithersburg, MD Generally Licensed Devices Inventory April 2017

Location of use: NIST Gaithersburg Campus at 100 Bureau Drive, Gaithersburg, MD 20899

NIST ID Number	Radionuclide	Manufacturer	Model	Serial No
00-0153	Kr-85	TSI	3077	2789
00-0154	Kr-85	TSI	3077	2262
01-0094	Ni-63	Hewlett Packard	G2397A	U0228
03-0135	Ni-63	Smiths Detection	IonScan 400B	13962
03-0141	Ni-63	Smiths Detection	Saber 2000	21729
03-0142	Ni-63	GE Security	Vapor Tracer2	10034938564
03-0143	H-3	Bahia 21	MO-2M	832
04-0096	Ni-63	Smiths Detection	Document Scanner	18147
04-0171	Cs-137	Beckman Coulter	LS6500	473456
04-0182	Ni-63	Agilent Technologies	G2397A	U7738
05-0012	Ni-63	GE Security	Itemiser3	040449010182
05-0116	Kr-85	TSI	3012	12-0062
05-0150	Ni-63	MGP Instruments	APD2000	1334
06-0020	Ni-63	GE Security	Itemiser3	05034907455
06-0097	Ni-63	Smiths Detection	Ionscan 500DT	50152
06-0187	Kr-85	TSI	3077A	70634029
07-0023A	Ni-63	VICI Valco ECD	140-BN	N178
07-0023C	Ni-63	VICI Valco ECD	140-BN	N086
07-0023E	Ni-63	VICI Valco ECD	140-BN	N359
07-0023F	Ni-63	VICI Valco ECD	140-BN	N173
07-0055	Ni-63	Thermo Electron	EGIS Defender	20095
07-0099	Ni-63	Agilent Technologies	GC-eCD 6890	US10740002
08-0024	Ni-63	GE Security	Itemizer 2	05014871931
08-0029	Ni-63	GE Security	Itemizer 2	05014871929
08-0054A	Kr-85	TSI	3012A	12A-0058
08-0054B	Kr-85	TSI	3077A	77A-0182
09-0172	Ni-63	Agilent Technologies	6890A	U3261
09-0178C	Kr-85	TSI	3012	12-0098

09-0178B	Kr-85	TSI	3077A	709332296
09-0178A	Kr-85	TSI	3077A	70940143
10-0007A	Ni-63	VICI Valco ECD	140-BN	N053
10-0007B	Ni-63	VICI Valco ECD	140-BN	N081
10-0007C	Ni-63	VICI Valco ECD	140-BN	N085
10-0008	Ni-63	VICI Valco ECD	140-BN	N358
11-0125B	Ni-63	Smiths Detection	IonScan 400B	35812
11-0131	Pm-147	Honeywell International	4202	13827
11-0141	Ni-63	Smiths Detection	Ionscan 500DT	51198
11-0151	Ni-63	Agilent Technologies	7890A	U17672
12-0060	Ni-63	Agilent Technologies	7890A	U19890
12-0069	Kr-85	TSI	NER-8275A	71222096
12-0070	Ni-63	Agilent Technologies	G2397A	U21872
13-0137	H-3	Lagus Applied Technology	200EC	1502
13-0156	Po-210	TSI	P-2042	A2JM310
13-0253	Po-210	TSI	P-2042	A2JR520
13-0265	Ba-133	Perkin Elmer	2500TR	424075
13-0266	Ba-133	Perkin Elmer	2910TR	DG06130407
13-0267	Ba-133	Perkin Elmer	A310000	DG04072528
14-0048A	Po-210	NRD	P-2042	A2JY085
14-0048B	Po-210	NRD	P-2042	A2JY086
14-0103	Ba-133	Perkin Elmer	3110TR	DG09118298
14-0116	Ba-133	Perkin Elmer	2910TR	SGTC25140336
14-0123	Kr-85	TSI	3077A	77A-0616
15-0001	C-14	Harshaw	6600	9508121
15-0002	C-14	Harshaw	6600plus	0803275
15-0224A	Po-210	NRD	P-2042	A2KJ219
15-0224B	Po-210	NRD	P-2042	A2KJ218
00-0093C	Eu-152	Perkin Elmer/Wallac Guardian	1414-003	4140353
15-0301	Po-210	NRD	P-2042-1000	A2KG358
83-0645a	Kr-85	TSI	3077	890-T
92-0022	Ni-63	Hewlett Packard	G1223A	F1703
95-0017	Ni-63	Hewlett Packard	5890	K0939
16-0068	Ba-133	Perkin Elmer	3110TR	DG09084325
15-0357	Ba-133	Packard	2500TR	104603
Not issued yet	H-3	Isolite	DSAL1R20AA	H34298
Not issued yet	H-3	Isolite	DSAL1R20AA	H34300

Not issued yet

H-3

Isolite

DSAL1R20AA

H34301