

Katanic, Janine

From: MaxRLuminox@aol.com
Sent: Tuesday, April 12, 2016 12:53 PM
To: Katanic, Janine
Subject: [External_Sender] Re: Lumondi Inc / Luminox follow-up
Attachments: 2015_Tritium_Distribution_Report_December10_31_2015.doc; 2015_Tritium_Distribution_Report_Jan01_March_07_2016.doc

Follow Up Flag: Follow up
Flag Status: Flagged

Janine,

Please see attached reports for the time periods you requested. I had to back into some of the math due to the limitations of my reporting system, but I inserted an explanation for you of my reasoning.

Let me know if you need further detail.

Take care.

Max W. Robertson
Director of U.S. Operations
Luminox Watch Company
415-455-9500 X 108
415-634-2716 (fax)
415-720-3590 (m)
www.luminox.com

[View the 2015 Luminox Collection](#)

In a message dated 4/4/2016 10:26:48 A.M. Pacific Daylight Time, Janine.Katanic@nrc.gov writes:

Hi Max.

When do you think you will be able to send the information requested below? This will facilitate bringing the inspection to closure.

Thanks

Janine

Janine F. Katanic, PhD, CHP
Senior Health Physicist
US Nuclear Regulatory Commission

Region IV

Division of Nuclear Materials Safety

office 817-200-1151

email Janine.Katanic@nrc.gov

From: Katanic, Janine

Sent: Thursday, March 24, 2016 8:54 AM

To: 'MaxRLuminox@aol.com' <MaxRLuminox@aol.com>

Subject: RE: Lumondi Inc / Luminox follow-up

Hi Max.

Thanks for sending the California license. I have one NRC inspection item I would like to follow up with you.

Can you run or produce a report that provides a table listing the series name (i.e. 0200 series, etc.) and units distributed (just like your annual report) but only for units distributed from December 10, 2015 to December 31, 2015?

Can you produce a report that provides a table listing the series name (i.e. 0200 series, etc.) and units distributed (just like your annual report) but only for units distributed from January 1, 2016 to March 7, 2016?

Thanks

Janine

Janine F. Katanic, PhD, CHP

Senior Health Physicist

US Nuclear Regulatory Commission

Region IV

Division of Nuclear Materials Safety

office 817-200-1151

email Janine.Katanic@nrc.gov

From: MaxRLuminox@aol.com [mailto:MaxRLuminox@aol.com]
Sent: Tuesday, March 08, 2016 10:10 AM
To: Katanic, Janine <Janine.Katanic@nrc.gov>
Subject: [External_Sender] Lumondi Inc / Luminox follow-up

Janine,

I hope your commute to Livermore went smoothly this morning.

I have attached a copy of our State of California radioactive material license for your file.

I will follow-up with my warehouse manager today with regard to the labeling issue we discussed.

Thanks again and have a safe trip back home.

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email Janine.Katanic@nrc.gov

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Janine

Janine F. Katanic, PhD, CHP

Senior Health Physicist

US Nuclear Regulatory Commission

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office 817-200-1151

email Janine.Katanic@nrc.gov

From: MaxRLuminox@aol.com [mailto:MaxRLuminox@aol.com]
Sent: Tuesday, March 08, 2016 10:10 AM
To: Katanic, Janine <Janine.Katanic@nrc.gov>
Subject: [External_Sender] Lumondi Inc / Luminox follow-up

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April 12, 2016

Janine F. Katanic, PhD, CHP
Senior Health Physicist
US Nuclear Regulatory Commission
Region IV
Division of Nuclear Materials Safety
office: 817-200-1151
email: Janine.Katanic@nrc.gov

RE: Licensee # 04-23929-01E
2015 Transfer Reporting of items for the period of Dec 1, 2015 to Dec 31, 2015

Janine,

Please find for your review the 2015 report of items containing by-product material that were distributed from our warehouse facility for the above referenced time period. This number is exact, but you asked for the period of Dec 10 to Dec 31st. My system does not run (unfortunately) daily details, so I have taken the total number of units distributed in Dec 2015 (3,846) and divided it by the number of production days (21) to approximate a daily distribution amount in units to "back in" to those first 9 days out for you. I can't detail it by series, but I can give you a total number.

$3,846 \text{ units} / 23 \text{ days} = 183 \text{ units} \times 9 \text{ days (Dec 1-9)} = 1,648 \text{ units} \times 25 \text{ mCi} = 41,207 \text{ mCi}$

$96,150 \text{ mCi} \text{ minus } 41,207 \text{ mCi} = 54,942 \text{ mCi total}$

Sincerely,

A handwritten signature in black ink, appearing to read "Max W. Robertson".

Max W. Robertson
Director of U.S. Operations
Radiation Safety Officer

Lumondi Inc. **DBA** Luminox Watch Company
 415-455-9500 ext 108
Maxrluminox@aol.com

| Series Name | Units Distributed |
|-------------------|-------------------|
| 0200 series | 198 |
| 1180 series | 6 |
| 1500 series | 5 |
| 1800 series | 7 |
| 1820 series | 74 |
| 1900 series | 164 |
| 3000 series | 221 |
| 3040 series | 2 |
| 3050 series | 957 |
| 3080 series | 517 |
| 3150 series | 114 |
| 3180 series | 291 |
| 3400 series | 1 |
| 4220 series | 89 |
| 5020 series | 25 |
| 5121 series | 3 |
| 6250 series | 15 |
| 6400 series | 10 |
| 6500 series | 14 |
| 7050 series | 694 |
| 7250 series | 4 |
| 8150 series | 22 |
| 8400 series | 4 |
| 8800 series | 193 |
| 8820/30/40 series | 181 |
| 9080 series | 5 |
| 9200 series | 0 |
| 9380 series | 14 |
| 9440 series | 16 |

3,846

| | |
|--|--------|
| Total Units (watches) Distributed | 3,846 |
| mCi T gaseous tritium content per unit | 25 mCi |

| | |
|--|--|
| | |
|--|--|

Total Tritium Distribution Dec 1 2015 – Dec 31 2015: 96,150 mCi



April 12, 2016

Janine F. Katanic, PhD, CHP
Senior Health Physicist
US Nuclear Regulatory Commission
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Division of Nuclear Materials Safety
office: 817-200-1151
email: Janine.Katanic@nrc.gov

RE: Licensee # 04-23929-01E
2015 Transfer Reporting of items for the period of Jan 1, 2016 to Mar 01, 2016

Janine,

Please find for your review the 2016 report of items containing by-product material that were distributed from our warehouse facility for the above referenced time period. This number is exact, but you asked for the period of Mar 1st to March 10th as well. My system does not run (unfortunately) daily details, so I have taken the total number of units distributed in March 2016 (1,533) and divided it by the number of production days (23) to approximate a daily distribution amount in units to "back in" to those 10 days for you. I can't detail it by series, but I can give you a total number.

$67 \text{ units/day} \times 10 \text{ days} = 667 \text{ units} \times 25 \text{ mCi} = 16,663 \text{ mCi} + 85,300 \text{ mCi} = 101,963 \text{ mCi}$

Sincerely,

A handwritten signature in black ink, appearing to read "Max W. Robertson".

Max W. Robertson
Director of U.S. Operations
Radiation Safety Officer
Lumondi Inc. DBA Luminox Watch Company
415-455-9500 ext 108

| Series Name | Units Distributed |
|----------------------------|-------------------|
| 0200 series | 238 |
| 1180 series | 10 |
| 1500 series | 2 |
| 1800 series | 11 |
| 1820 series | 24 |
| 1900 series | 240 |
| 3000 series | 258 |
| 3020 series (new) | 343 |
| 3040 series | 0 |
| 3050 series | 937 |
| 3080 series | 163 |
| 3150 series | 105 |
| 3180 series | 240 |
| 3400 series (discontinued) | 0 |
| 4220 series | 146 |
| 5020 series | 28 |
| 5121 series | 3 |
| 6250 series | 40 |
| 6400 series | 8 |
| 6500 series | 11 |
| 7050 series | 71 |
| 7250 series | 28 |
| 8150 series | 0 |
| 8400 series | 0 |
| 8800 series | 271 |
| 8820/30/40 series | 203 |
| 9080 series | 3 |
| 9200 series | 0 |
| 9240 series (new) | 4 |
| 9380 series | 6 |
| 9440 series | 19 |

3,412

| | |
|--|--------|
| Total Units (watches) Distributed | 3,412 |
| mCi T gaseous tritium content per unit | 25 mCi |

Total Tritium Distribution Jan 1 2016 – Mar 01 2016: 85,300 mCi