

**FUSION UV**

**Heraeus Noblelight Fusion UV Inc**

910 Clopper Road  
Gaithersburg, MD 20878-1357 USA  
301-527-2660 • Fax: 301-527-2661  
[www.fusionuv.com](http://www.fusionuv.com)

TO: Mr. Richard Struckmeyer  
US NRC  
FSME/MSSA/License Branch  
Mail Stop: T8E24  
Washington, DC 20555-0001

FROM: Heraeus Noblelight Fusion UV Inc.

DATE: June 28, 2013

**SUBJECT: Mail Control Number 581002:**  
***Reply to the Additional information request for name change of***  
***Fusion UV Systems, Inc., to Heraeus Noblelight Fusion UV Inc. (Lic***  
***#19-23798-01E)***

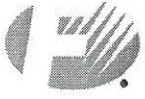
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Dear Mr. Struckmeyer,

Thank you very much for your assistance on the amendment to change the name on our exempt distribution license. In accordance to 10 CFR 30.34 and NUREG-1556, Volume 15 Chapter 5, "Change of Control," we have attached the additional information as outlined in NUREG-1556. Also, as requested in your letter dated 11 July 2013, is attached a copy of our active MDE license. Please note that the MDE Radiological Health Program is still reviewing our license amendment for the recent name change also. I will forward you the MDE response as soon as it is received. Should any additional questions arise pertaining to our license, please contact me at the numbers below.

Thank you,

Darrin Leonhardt, PhD  
[Darrin.Leonhardt@heraeus.com](mailto:Darrin.Leonhardt@heraeus.com)  
Ph: (301) 990-8700 x8751 FAX: (301) 527-2661



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- 5.1 *Description of the transaction:* Heraeus Noblelight merged with Fusion UV Systems, Inc. As a result of this merger, the licensee's name changed to Heraeus Noblelight Fusion UV. As Fusion UV Systems effectively grew, there is no need to 'transfer' the license; the 'transferor' and 'transferee' are the same organization. In fact, the Federal Tax ID # has remained the same. For further information on the merger process, please contact Mr. James R. Elliott, Vice President of Operations, at 301-990-8700 X8411 or Jim.Elliott@Heraeus.com.
- 5.2 *Changes in personnel of the licensed program:* There have been no changes personnel having control over licensed activities; all authorized users and the RSO listed on the licenses are still responsible for the use of material and the radiation safety program. Specifically, no changes to the bulb manufacturing (radiological use) or radiation safety program have been implemented. No change in personnel involved with the licensed program has occurred since the merger. Only few changes in upper management and support teams (IT) have been made, which are unrelated to the MDE license.
- 5.3 *Changes of location, facilities, equipment or procedures that relate to the licensed program:* There have been no changes in any of these items that relate to the licensed program. The same equipment, (ISO certified) procedures and facilities are being used as before the merger. Certainly, the location of these entities has been preserved as well. The only license amendment required is the change of the name on the license.
- 5.4 *Surveillance Records:* The radiation safety program quarterly assesses the process meters, alarms, physical inventory, and survey meter readings. An interim assessment (alarm check, physical inventory and survey meter reading) concurrent with the amendment request was completed without instance. The same surveys, workers' dosimetry and product testing are still being carried out, by the same personnel.
- 5.5 *Decommissioning and related record transfers.* As the same employees, radiation safety program, and facilities are still present (and in effect), the documentation, surveys, and data from process meters are readily available on a secured server. The facility itself has had and continues to have immeasurable contamination and ambient radiation levels. As we have no intention of decommissioning the facility and are only licensed for the gaseous Kr-85 isotope, the decommissioning plan is not significant concern or burden.
- 5.6 *Transferee's commitment.* Heraeus Noblelight Fusion UV will continue to maintain the radiation safety program, equipment, facilities and procedures, abiding by all conditions and requirements related to the use of the licensed radioactive materials as identified in the existing licenses.

**Heraeus**

Heraeus Noblelight Fusion UV Inc.  
910 Clopper Road  
Gaithersburg, Maryland USA 20878-1357

D.LEONHARDT

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT  
OF THE RETURN ADDRESS, FOLD AT DOTTED LINE  
**CERTIFIED MAIL**



7004 0750 0000 9305 6475

**First Class Mail**



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MAIL STOP T8E24  
WASHINGTON, DC 20555-0001

ATTN: MR. RICHARD STRUCKMEYER



NRC FORM 253  
(9-96)

U.S. NUCLEAR REGULATORY COMMISSION

MESSANGER/COURIER RECEIPT

DATE OF REQUEST

CONTROL NUMBER

TO:

Richard Struckmeyer

FROM:

Heraeus

DESCRIPTION

USPS Certified envelope  
7004.0750.0000.9305.6475

OFFICE

F-502

BUILDING

TUFTN

ROOM NUMBER

8E24

OFFICE

ADM

BUILDING

OWFN

ROOM NUMBER

9-C10

MESSANGER/COURIER SIGNATURE

MESSANGER/COURIER

DATE RECEIVED

TIME RECEIVED

7-9  
2 PM

MESSANGER/COURIER

DATE RECEIVED

TIME RECEIVED

RECIPIENT'S SIGNATURE

RECIPIENT

DATE RECEIVED

TIME RECEIVED

SENDER:

1. Complete "DATE OF REQUEST," "TO," "FROM," and unclassified "DESCRIPTION" blocks.
2. Obtain MESSENGER/COURIER signature, date received, and time received in first blocks provided.
3. Retain "SENDER'S SUSPENSE COPY."

MESSANGER/COURIER:

1. Deliver package to recipient or next messenger/courier enroute to addressee.
2. Obtain MESSENGER/COURIER or RECIPIENT signature, date received, and time received in the appropriate blocks provided.

RECIPIENT:

1. Provide signature, date received, and time received in the appropriate blocks.
2. Retain RECIPIENT'S COPY.
3. Return original to messenger/courier immediately, who will return it to the sender.

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MESSANGER/COURIER COPY