

**From:** [Valentin-Rodriguez\\_Celimar](mailto:Valentin-Rodriguez_Celimar)  
**To:** [douglas.nye@bayer.com](mailto:douglas.nye@bayer.com)  
**Cc:** [Ulrich\\_Elizabeth](mailto:Ulrich_Elizabeth)  
**Subject:** NRC Request for Additional Information for License Renewal of 47-04373-01  
**Date:** Wednesday, November 25, 2015 10:51:00 AM

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License No.: 47-04373-01  
Docket No: 030-06663  
Control No: 588934

Bayer CropScience:

This refers to your request to renew your license dated September 14, 2015. In order to continue the review of your request, the following additional information is needed:

1. Item 5A of your license renewal states that no single cesium-137 (Cs-137) source will exceed 37 GBq (1000 mCi) per source. Sealed source Ohmart/Vega Model A-2102 has a maximum activity of 370 GBq (10 Ci). Furthermore, your license authorizes you to possess 13 Ci total of Cs-137. Please confirm that none of your Cs-137 sources will exceed 1000 mCi.
2. Appendix G: Removal of a Sourceholder Procedure of your Radiation Protection Procedure states that the RSO or RSO alternate are authorized to perform this procedure and must be present during the entire operation. Please be advised that SDR TX-0634-D-105-B for Thermo MeasureTech Model 5192 states that the source holder should not be removed by the user and that any repairs should be performed by the manufacturer. Additionally, license condition 19B of your license states that you may not maintain, repair, or replace the source holder. If you are seeking approval to perform non-routine maintenance, please follow the guidance in Section 8.10.8 and Appendix N of NUREG-1556, Vol. 4.

Please note that you may not reply to this letter by return e-mail. Your reply must be an originally signed and dated letter. The letter may be scanned and submitted as a pdf document attached to an e-mail; or it may be transmitted by facsimile to (610)337-5269; or it may be sent by regular mail. If we do not receive a reply from you within 30 calendar days from the date of this e-mail, we will assume that you do not wish to pursue your application.

Please respond by e-mail to acknowledge that you have received this e-mail request for additional information.

Best Regards,

*Celimar Valentin-Rodriguez, Ph.D.*

General Engineer  
U.S. Nuclear Regulatory Commission  
NMSS/MSTR/MSLB  
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