

FROM : ScientificResearchCenter

FAX NO. : 17878424697

Jun. 16 2006 01:39PM P2



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SCIENTIFIC RESEARCH CENTER  
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June 16, 2006

NMS62

Mr. Héctor Bermúdez  
Senior Health Physicist  
Region II, Division of Nuclear Materials Safety  
United States Nuclear Regulatory Commission  
61 Forsyth Street, Suite 23T35  
Atlanta, GA 30303

52-13508-03  
03019921


Dear Mr. Bermúdez:

Enclosed you will find the results of the waste room wipe analysis for the C<sup>14</sup> and H<sup>3</sup> radionuclides of Room Fe-120, where the work with these radioactive isotopes was performed in the past. As you know license No. 52-13508-03 was inactive since 2001 [REDACTED]

The results of the floor test enclosed demonstrated there is none or almost none radioactivity found by the Wisconsin Radiological Laboratories (WRL) analysis. Therefore, we respectfully request the termination of this license (No. 52-13508-03) as soon as possible.

If you need further information to proceed with the termination of this license, please do not hesitate to contact us (Carmen Asencio and/or Gabriel A. Infante).

Sincerely,

  
Gabriel A. Infante, Ph.D.  
Executive Director

Enclosure

139009

NMCS/RGN MATERIALS-002

FROM :ScientificResearchCenter

FAX NO. :17878424697

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**Wisconsin Radiological Laboratories, Inc.**

521 N. Business Park Circle • Stoughton, WI 53589

Phone: 608 - 877 - 0636 Fax: 608 - 877 - 0656

May 11, 2006

Prof. Carmen I. Asencio  
Pontifical Catholic University of Puerto Rico  
2250 Las Americas, Suite 654  
Ponce, Puerto Rico 00717-9997

This letter is to report the wipe test results taken from one or more of your gamma-emitting radioactive sealed sources and on the wipes from the waste room floor taken on April 26, 2006. The sample analysis was performed on May 2, 2006 in a high efficiency sodium iodide well counter. Results were evaluated by comparison with standard sources whose activity is directly traceable to NIST standards. The sample indicated removable activity of less than 0.005 microCurie. All tests were performed under authorization of USNRC license 48-26319-01 issued to Wisconsin Radiological Laboratories (WRL). Tabular summaries of the test results are attached for your permanent records.

The waste room wipe analysis for the  $C^{14}$  and  $H^3$  radionuclides was performed on May 11, 2006 in the above instrument and levels were found to be less than the detectable amount.

If you have any questions or require further assistance, please do not hesitate to call upon me at (608)877-0636.

Sincerely,

Lawrence J. McDonnell, Director,  
Laboratory Operations

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NRC

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FROM: Scientific Research Center

FAX NO.: 17878424697

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**Catholic University of Puerto Rico**

**Prof. Carmen I. Asencio**

**Leak Test Results May 2, 2006**

**ORDER NO: C05104**

| TEST<br>NO. | SOURCE<br>SERIAL # | MANF ISOTOPE        | DATE<br>WIPED | ACTIVITY<br>(DPM) | ACTIVITY<br>(uCi) | ERROR<br>(uCi)        | MDA<br>(uCi)            |
|-------------|--------------------|---------------------|---------------|-------------------|-------------------|-----------------------|-------------------------|
| 05510       | FE120              | Wipe (Floor) Cs-137 | 4/26/06       | 0.00              | <MDA              | $2.86 \times 10^{-6}$ | $3.5203 \times 10^{-5}$ |
| 05511       | FE120              | Wipe (Floor) Cs-137 | 4/26/06       | 0.00              | <MDA              | $2.84 \times 10^{-6}$ | $3.5203 \times 10^{-5}$ |
| 05512       | FE120              | Wipe (Floor) Cs-137 | 4/26/06       | 10.17             | <MDA              | $2.88 \times 10^{-6}$ | $3.5203 \times 10^{-5}$ |

Comments: Results are reported as Net CPM (net counts per minute), Activity in disintegrations per minute (DPM) and in units of microcuries (uCi). The reported error is the two sigma statistical counting uncertainty, and the MDA is the minimum detectable amount of radioactivity that can be detected by the counting instrument and is reported in units of microcuries (uCi). All results below the MDA are reported as equal to the MDA.

Wisconsin Radiological Laboratories, Inc.

USNRC License # 48-26319-01