

Region I NMSS Licensee Event Report

| | | | |
|-------------------|--|-------------|-----------------------------|
| Licensee | Carnegie-Mellon | | |
| Event Description | Leak Test Indicating Radioactive Contamination in Excess of 0.005 Microcuries <u>9999.0001</u> | | |
| License # | <u>General</u> 37-00602-03 | Docket # | 02014473 MLER-RI |
| Event Date | <u>05/08/02</u> | Report Date | <u>5/15/02</u> |
| | | | 2002-028 |

1. REPORTING REQUIREMENT

| | |
|---|---|
| <input type="checkbox"/> 10 CFR 20.2201 Theft or Loss <input type="checkbox"/> 10 CFR 20.2203 30 Day Report <input type="checkbox"/> 10 CFR 30.50 Report <input checked="" type="checkbox"/> Other <u>10 CFR 31.5 (c)(5)</u> | <input type="checkbox"/> 10 CFR 35.33 Misadministration <input type="checkbox"/> License Condition |
|---|---|

2. REGION I RESPONSE

| | | |
|---|---|--|
| <input type="checkbox"/> Immediate Site Inspection | Inspector/Date | |
| <input type="checkbox"/> Special Inspection | Inspector/Date | |
| <input type="checkbox"/> Telephone Inquiry | Inspector/Date | |
| <input type="checkbox"/> Preliminary Report | <input type="checkbox"/> Daily Report | |
| <input checked="" type="checkbox"/> Information Entered in RI Log | <input checked="" type="checkbox"/> Review at next inspection | |
| Report referred to: _____ | | |

3. REPORT EVALUATION

| | |
|--|---|
| <input checked="" type="checkbox"/> Description of Event | <input checked="" type="checkbox"/> Corrective Actions |
| <input checked="" type="checkbox"/> Levels of RAM Involved | <input type="checkbox"/> Calculations Adequate |
| <input checked="" type="checkbox"/> Cause of Event | <input type="checkbox"/> Additional Information Requested from Licensee |

4. SPECIAL INSTRUCTIONS OR COMMENTS

Review at next inspection of LN 37-00602-03 due 8/2003

Public *[Signature]* 5/22/02 Non-Public

| | | | |
|---------------|------------------------|------|---------------------|
| Completed by: | <i>Steven Courtman</i> | Date | <i>5 RC 5/22/02</i> |
| Reviewed by: | <i>[Signature]</i> | Date | <i>5/22/02</i> |

Carnegie Mellon

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Environmental Health & Safety

Radiation Safety Office
Carnegie Mellon University
4400 Fifth Avenue
Room 313
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(412) 268-3221

May 9, 2002

George Pangburn
Director
Division of Nuclear Materials Safety
United States Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, Pennsylvania 19406-1415

License No. 37-00602-03
Docket No. 030-14472

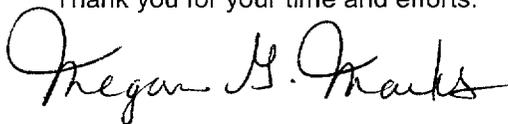
Dear Mr. Pangburn:

As per the requirements for Generally Licensed Devices (10CFR31.5), Carnegie Mellon University is notifying the USNRC regional office of a leak test from an electron capture device containing a Ni-63 source, serial #C0889, that has indicated radioactive contamination in excess of 0.005 microcuries. The source was tested and analyzed on 05/08/2002 by Carnegie Mellon University. The reported activity of the leak test was 0.006 microcuries. The sealed source is in an electron capture device (Model #18803-60520) of a Hewlett Packard Gas Chromatograph, Model #5835A, Serial #1835A04002.

In response to this leak test report, the university has removed the electron capture device from the gas chromatograph and placed it in containment to prevent further contamination and will not remove the device from storage until it is returned to Varian Chromatography Systems, 2700 Mitchell Drive, Walnut Creek, CA 94598-1675 for disposal. In addition, the area in which the electron capture device was housed within the gas chromatograph was surveyed for radioactive contamination. Fixed or removable contamination was not present and the gas chromatograph was released from the radiation safety office and has been approved to be discarded.

If additional information is required or you have questions regarding this matter, please contact me by phone or email.

Thank you for your time and efforts.



Megan G. Marks, Ph.D.
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