



Modular Devices

September 15, 2023

Robert J. Orlikowski & Frank Tran
Materials Licensing Branch
United States Nuclear Regulatory Commission/ Region III
2443 Warrenville Road Suite 210
Lisle, Illinois 60532-4352

Sent Via E-mail

RE: Disposal Documentation to Terminate License No. 13-35634-01; Modular Devices Acquisition, LLC dba Modular Devices

Dear Mr. Orlikowski & Mr. Tran:

Modular Devices Acquisition, LLC dba Modular Devices (abbreviation MD) requested the NRC **terminate our License No. 13-35634-01** in late July, 2023. MD chose to get out of the PET/CT business and has properly transferred our two Ge-68 sealed sources to Eckert & Ziegler Isotope Products (EZIP) of 1800 N Keystone St, Burbank, CA 91504 during early September 2023. EZIP is the vendor we purchased the sources and they have accepted them back for disposal or recycling. The EZIP NRC License# is 1509-19. Attached is the EZIP (an authorized recipient) "transferring receipt" of our two sources.



On 07/21/23 our Radiation Safety Officer, Thomas A Schumacher, MS, CHP obtained the wipe tests of the installed and stored materials, and the results were 0 uCi in both samples. The storage cabinet was again wipe tested and the 9/8/23 results were again 0 uCi. This was to be expected since there has been no leakage of the sealed sources detected for the life of our license. MD has also updated the attached Form 314 CERTIFICATE OF DISPOSITION OF MATERIALS for your review.

If you have any questions, or need further information or documentation, do not hesitate to contact Andy Trowbridge at (317) 333-8746, or andyt@modulardevices.com. Our Radiation Safety Officer, Thomas A. Schumacher, MS, CHP is also available for consultation at (317) 902-9868 or radphysics@msn.com. Thank you for your assistance in terminating our NRC license.

Sincerely,

Greg Mink, President/CEO of Modular Devices Acquisition, LLC dba Modular Devices

Attached: EZIP receipt of 2 sources, Signed NRC form 314 & the 9/8/23 wipe test certificate

NRC FORM 314 (07-31-2023) 10 CFR 30.36(j)(1); 40.42(j)(1); 70.38(j)(1); and 72.54(k)(5)(1)(1)	 U.S. NUCLEAR REGULATORY COMMISSION CERTIFICATE OF DISPOSITION OF MATERIALS	APPROVED BY OMB: NO. 3150-0028 <small>Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the FOIA, Library, and Information Collections Branch (T-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by email to Infocollections.Resource@nrc.gov, and the OMB reviewer at: OMB Office of Information and Regulatory Affairs, (3150-0028), Attn: Desk Officer for the Nuclear Regulatory Commission, 725 17th Street NW, Washington, DC 20503; email: oir_submission@omb.eop.gov. The NRC may not conduct or sponsor, and a person is not required to respond to, a collection of information unless the document requesting or requiring the collection displays a currently valid OMB control number.</small>	EXPIRES: 05/31/2026								
Licensee Name and Address Modular Devices Acquisition, LLC dba Modular Devices 1515 Brookville Crossing Way Indianapolis, IN 46239-1043		License Number 13-35634-01 Docket Number 030-39269	Expiration Date 7/31/2036								
<p style="text-align: center;">A. LICENSE STATUS (Check the appropriate box)</p> <p> <input type="checkbox"/> This license has expired. <input checked="" type="checkbox"/> This license has not yet expired; please terminate it. </p>											
<p style="text-align: center;">B. DISPOSAL OF RADIOACTIVE MATERIAL</p> <p style="text-align: center;"><small>(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)</small></p> <p>The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:</p> <p> <input type="checkbox"/> 1. No radioactive materials have ever been procured or possessed by the licensee. </p> <p> <input checked="" type="checkbox"/> 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner. </p> <p> <input checked="" type="checkbox"/> a. Transfer of radioactive materials to the licensee listed below: Eckert & Ziegler Isotope Products NRC License# 1509-19 Modular Devices bought 2 Rad sealed sources for a PET/CT and returned both of them to the Eckert & Ziegler Isotope Products of 1800 N Keystone St, Burbank, CA 91504 the week of 9/5-8/23. </p> <p> <input checked="" type="checkbox"/> b. Disposal of radioactive materials: </p> <p style="margin-left: 40px;"> <input type="checkbox"/> 1. Directly by the licensee: </p> <p style="margin-left: 40px;"> <input type="checkbox"/> 2. By licensed disposal site: </p> <p style="margin-left: 40px;"> <input checked="" type="checkbox"/> 3. By waste contractor: Reportedly, the SPENT source was disposed & NEW source recycled for use again. </p> <p> <input checked="" type="checkbox"/> c. All radioactive materials have been removed, any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA. </p> <p> <input type="checkbox"/> d. Acknowledgment of receipt of the material by transfer or by disposal site is attached: </p>											
<p style="text-align: center;">C. SURVEYS PERFORMED AND REPORTED</p> <p> <input type="checkbox"/> 1. A radiation survey was conducted by the licensee. The survey confirms: </p> <p style="margin-left: 40px;"> <input type="checkbox"/> a. the absence of licensed radioactive materials <input type="checkbox"/> b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA. </p> <p> <input type="checkbox"/> 2. A copy of the radiation survey results: </p> <p style="margin-left: 40px;"> <input type="checkbox"/> a. is attached; or <input type="checkbox"/> b. is not attached (Provide explanation); or <input type="checkbox"/> c. was forwarded to the NRC </p> <p style="margin-left: 40px;">Email Address: _____ on: _____ Date: _____</p> <p> <input checked="" type="checkbox"/> 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and </p> <p style="margin-left: 40px;"> <input checked="" type="checkbox"/> a. The results of the latest leak test are attached; and/or <input checked="" type="checkbox"/> b. No leaking sources have ever been identified. </p>											
<p>The person to be contacted regarding the information provided on this form:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">Name</th> <th style="width: 25%;">Title</th> <th style="width: 25%;">Telephone Number (Include area code)</th> <th style="width: 25%;">E-mail Address</th> </tr> <tr> <td>Andy Trowbridge</td> <td>Compliance Manager</td> <td>317-333-8746</td> <td>andyt@modulardevices.com</td> </tr> </table>				Name	Title	Telephone Number (Include area code)	E-mail Address	Andy Trowbridge	Compliance Manager	317-333-8746	andyt@modulardevices.com
Name	Title	Telephone Number (Include area code)	E-mail Address								
Andy Trowbridge	Compliance Manager	317-333-8746	andyt@modulardevices.com								
<p>Mail all future correspondence regarding this license to:</p> <p>Care of Andy Trowbridge, Compliance Manager, at the physical or e-mail addresses listed above.</p>											
<p>C. CERTIFYING OFFICIAL</p> <p>I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT</p>											
Printed Name and Title Greg S. Mink, President/CEO		Signature of Certifying Official 	Date 9/14/2023								
<p><small>WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.</small></p>											



"NEW Source Return"

Receiving

Eckert & Ziegler Isotope Products Ltd.
1800 N Keystone St.
Burbank, California 91504
United States

Telephone +1-661-309-1010
Fax +1-661-257-8303

Shipped From:

Modular Devices
Tom Schumacher RSO 317-251-0193
Radphysics@msn.com
1515 Brookville Crossing Way
Indianapolis, Indiana 46239
United States

Return Acknowledgement

Return Number CO-487743
RMA number RA-027179
Date 9/14/2023
Page 1 of 1
Customer account IPL000784
Customer reference
Customer requisition

Dear Valued Customer,

Eckert & Ziegler Isotope Products Laboratories has received your radioactive source(s) and takes responsibility for tracking and storage of the source(s) listed below. If you have any further questions about the source(s), please contact EZIP and reference the return number listed above. Thank you for your business.

Item number	Batch number	Serial number	Quantity returned	Received on	Description
HEGL-0132		W2-147	1.00	9/6/2023	Ge-68,55MBq(1.49mCi) GE DISCOVERY ST SOURCE,A3429, GE E-cat E8690AD, CEMARK1

Nuclide Info: Ge-68 1.49 mCi Ref. Date: 7/1/2023



"SPENT Source Return"

Receiving

Eckert & Ziegler Isotope Products Ltd.
1800 N Keystone St.
Burbank, California 91504
United States

Telephone +1-661-309-1010
Fax +1-661-257-8303

Shipped From:

Modular Devices Inc.
Tom Schumacher 317-251-0193
Radphysics@msn.com
1515 Brookville Crossing Way
Indianapolis, Indiana 46239
United States

Return Acknowledgement

Return Number CO-487743
RMA number RA-027182
Date 9/14/2023
Page 1 of 1
Customer account IPL000784
Customer reference
Customer requisition

Dear Valued Customer,

Eckert & Ziegler Isotope Products Laboratories has received your radioactive source(s) and takes responsibility for tracking and storage of the source(s) listed below. If you have any further questions about the source(s), please contact EZIP and reference the return number listed above. Thank you for your business.

Item number	Batch number	Serial number	Quantity returned	Received on	Description
HEGL-0132		T9-742	1.00	9/13/2023	Ge-68,55MBq(1.49mCi) GE DISCOVERY ST SOURCE,A3429, GE E-cat E8690AD, CEMARK1

Nuclide Info: Ge-68 55 MBq Ref. Date: 9/1/2021

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InstroTek Inc.
1 Triangle Drive
P.O. Box 13944
Research Triangle Park, NC 27709
(919) 875-8371

Sam Schumacher
Radiation Physics Consulting
7022 Warwick Road
Indianapolis, IN 46208

Phone: 317-625-4329

LEAK TEST CERTIFICATE InstroTek License #092-1073-1

This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

Make: Eckert Ziegler
Model: HEGL-0132
Serial Number: Spent source box, pig,
cabinet
Date Swabbed: 8/29/2023
Analysis Date: 9/8/2023

Source Type	Serial Number	Reading (uCi)
Ge-68	T9-742	0

Note: 0.005 MicroCuries (185 Bq) or greater is considered a leaking source. The source(s) tested above may remain in use.

Reviewed by:

[Signature]

Print Date: 9/8/2023

Customer Signature:

[Signature: Andy Trowbridge]

Date: 9/8/23

CPN gauges are 50 mCi Am241:Be and 10 mCi Cs-137. Humboldt gauges are 40 mCi Am241:Be and 10 mCi Cs-137. InstroTek Gauge is 40 mCi Am241:Be and 10 mCi Cs-137. Troxler gauges all, except 4640, are 40 mCi Am241:Be and 8 mCi Cs-137. Troxler 4640 is 8 mCi Cs-137. Refer to the manual for other products.

Martha Pavon

From: Frank Tran
Sent: Monday, September 18, 2023 1:25 PM
To: Martha Pavon
Cc: Tammy Tomczak
Subject: FW: Modular Devices final documents provided to NRC to terminate NRC license # 13-35634-01
Attachments: 2023 09 15 finalTermination Docs for13-35634-01.pdf; 636330 Additional information 665.pdf
Importance: High

Hi Martha,

Please add the attachment to ADAMS as additional information. Let me know if you have any questions.

Thank you,

Frank

From: Andy Trowbridge <andyt@modulardevices.com>
Sent: Friday, September 15, 2023 6:39 AM
To: Frank Tran <Frank.Tran@nrc.gov>
Cc: Bob Orlikowski <Robert.Orlikowski@nrc.gov>; Mike Lehen <mikel@modulardevices.com>; Greg Mink <gregm@modulardevices.com>; Tom Schumacher, CHP <radphysics@msn.com>; Warren Henderson <warren.henderson@modulardevices.com>; Jacob Kent <jacobk@vividmedicaltech.com>
Subject: [External_Sender] Modular Devices final documents provided to NRC to terminate NRC license # 13-35634-01
Importance: High

Good morning, Frank Tran.

Modular Devices Acquisition, LLC dba Modular Devices (abbreviation MD) requested the NRC **terminate our License No. 13-35634-01** in late July, 2023. MD chose to get out of the PET/CT business and has properly transferred our two Ge-68 sealed sources to Eckert & Ziegler Isotope Products (EZIP) of 1800 N Keystone St, Burbank, CA 91504 during early September, 2023. EZIP is the vendor we purchased the sources and they have accepted them back for processing. The EZIP NRC License# is 1509-19.

As requested, attached is the "transferring receipt" of our two sources ("spent & new") that were received by an authorized recipient. The attached letter also includes the 9/8/23 wipe test results from the cabinet that once held sources and the updated 314 form documenting EZIP received our two sources. MD does not have any more sources.

Our goal is to get our NRC license terminated before midnight 9/30/23 so the NRC license does not creep into the next annual billing cycle. Please let me know if you need anything else to help us meet that goal.

Your assistance is greatly appreciated. Thank You, Andy Trowbridge

Andy Trowbridge, LPG

Compliance Manager



Mobile Imaging Labs & Cleanrooms

1515 Brookville Crossing Way

Indianapolis, IN 46239

Office: 800-456-3369

Mobile/Text: 317-605-0527

andyt@modulardevices.com

Imaging: modulardevices.com

Cleanrooms: portable-cleanroom.com

From: Frank Tran <Frank.Tran@nrc.gov>

Sent: Monday, August 7, 2023 3:38 PM

To: Andy Trowbridge <andyt@modulardevices.com>

Subject: RE: Wipe Test Results for Modular Devices request to terminate NRC license # 13-35634-01

Mr. Trowbridge,

I was assigned to review your license termination request. Please send me the transferring receipt when your sources are transferred and received by the authorized recipient. If you have any questions, please contact me.

Thank you,

Frank Tran

Senior Health Physicist/License Reviewer

Phone: 630-829-9623

Fax: 630-515-1078

Email: Frank.Tran@nrc.gov



From: Andy Trowbridge <andyt@modulardevices.com>

Sent: Wednesday, August 02, 2023 2:34 PM

To: Bob Orlikowski <Robert.Orlikowski@nrc.gov>

Cc: Greg Mink <gregm@modulardevices.com>; Mike Lehen <mikel@modulardevices.com>; Warren Henderson <warren.henderson@modulardevices.com>; Tom Schumacher, CHP <radphysics@msn.com>

Subject: [External_Sender] Wipe Test Results for Modular Devices request to terminate NRC license # 13-35634-01

Mr. Orlikowski, good afternoon.

Modular Devices Acquisition, LLC dba Modular Devices (abbreviation MD) is following up our previous letter e-mailed to you on 7/21/23 with wipe test results and an NRC Form 314. Please forward this data to the appropriate party within your organization for processing. Thank you for your assistance. Andy

Andy Trowbridge, LPG

Compliance Manager



Mobile Imaging Labs & Cleanrooms
1515 Brookville Crossing Way
Indianapolis, IN 46239
Office: 800-456-3369
Mobile/Text: 317-605-0527
andyt@modulardevices.com

Imaging: modulardevices.com
Cleanrooms: portable-cleanroom.com

From: Andy Trowbridge
Sent: Friday, July 21, 2023 3:06 PM
To: Bob Orlikowski <Robert.Orlikowski@nrc.gov>
Cc: Greg Mink <gregm@modulardevices.com>; Mike Lehn <mikel@modulardevices.com>; Warren Henderson <warren.henderson@modulardevices.com>; Tom Schumacher, CHP <radphysics@msn.com>
Subject: Modular Devices request to terminate NRC license # 13-35634-01

Mr. Orlikowski, good afternoon.

Modular Devices Acquisition, LLC dba Modular Devices (abbreviation MD) requests the NRC **terminate our License No. 13-35634-01 effective 08/04/23**. MD has chosen to get out of the PET/CT business and plans to sell our single PET/Imaging unit with its installed sealed source. The Attached letter has more details.

Thank you for processing our request, Andy Trowbridge

Andy Trowbridge, LPG
Compliance Manager



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1515 Brookville Crossing Way
Indianapolis, IN 46239
Office: 800-456-3369
Mobile/Text: 317-605-0527
andyt@modulardevices.com

Imaging: modulardevices.com
Cleanrooms: portable-cleanroom.com