

National Physics Consultants

Telephone 1-888-456-5255

Facsimile (866)872-9302

E-mail: slong@nationalphysics.com

www.nationalphysics.com

License #34-26653-02.

Control #609523

August 8, 2018

Colleen Carol Casey
Materials Licensing Reviewer
U.S. Nuclear Regulatory Commission
Region III
2443 Warrenville Road
Suite 210
Lisle, IL 60532-4352

This document is prepared in response to the request for additional information e-mail sent on August 6, 2018. Are responses are in order of receipt.

1. NUREG 1556 Volume 15 Revision 1 Appendix C was reviewed. The transfer of control from of National Physics Consultants, Ltd. ("Oldco") to NPC National Physics Consultants LLC is a direct transfer of control.
2. It is confirmed that the mailing address is to change on the license. The new mailing address on the license will be NPC National Physics Consultants LLC, 2222 Sedwick Road, Durham, NC 27713.
 - All records relating to radioactive materials licensing and the use of radioactive materials will be kept at our Ohio site. The address of this site is 2531 Northview Road, Rocky River, Ohio 44116.
3. It is confirmed that the name on the license will change to NPC National Physics Consultants LLC.
4. NPC National Physics Consultants LLC purchased the assets of National Physics Consultants, Ltd. ("Oldco"). The asset purchase closed on August 1, 2018. There was no stock transferred and the new corporation did not purchase any stock in National Physics Consultants, Ltd. ("Oldco"). The current corporation will remain in business until all legal federal and state obligations are completed. There is no definitive timeline for these actions however all obligations should be completed prior to December 31, 2018.

RECEIVED AUG. 9, 2018

5. National Physics Consultants, Ltd ("Oldco") holds a radioactive materials license in the State of Ohio. A transfer of control of this license to the new company was applied for and approved. A copy of the license and the transfer approval document is attached.

Sharon L. Long

Sharon Long
President
National Physics Consultants

Eric Dunkelberg

Eric Dunkelberg
Senior Management
NPC National Physics Consulting,
LLC



OHIO DEPARTMENT OF HEALTH

246 North High Street
Columbus, Ohio 43215

614/466-3543
www.odh.ohio.gov

John R. Kasich/Governor

Lance Himes/Director of Health

July 27, 2018

Attn: Mr. David Hoeprich, MS, DABR
Radiation Safety Officer
NPC National Physics Consultants, LLC.
2222 Sedwick Road
Durham, NC 27713

SUBJECT: TRANSFER OF CONTROL OF LICENSE # 03220440002

Dear Mr. Hoeprich:

In an email dated July 27, 2018, Ms. Sharon Long notified the Ohio Department of Health, Bureau of Environmental Health and Radiation Protection, of new ownership and an organization name change. The ODH/BEHRP Decommissioning Program staff has reviewed your letter and finds the change of ownership to be acceptable.

A license amendment reflecting these changes is currently being processed.

If you have any questions, please feel free to call Kim Anderson of my staff, at (614) 728-2702.

Sincerely,

A handwritten signature in black ink, appearing to read 'Michael Rubaduc'.

Michael Rubaduc
Supervisor
Bureau of Environmental Health & Radiation Protection
Ohio Department of Health

License No.: 03220440002

**OHIO DEPARTMENT OF HEALTH
LICENSE FOR RADIOACTIVE MATERIAL**

Pursuant to Chapter 3748 of the Ohio Revised Code, and in reliance on statements and representations made by the licensee, a license is hereby issued authorizing the licensee named herein to receive, acquire, possess, and transfer radioactive material as designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the applications of Chapter 3748 of the Ohio Revised Code and all applicable rules promulgated thereunder. This license is subject to all applicable rules, regulations and orders of the Ohio Department of Health now or hereinafter in effect and to any conditions specified below.

LICENSEE 1. <i>National Physics Consultants</i> 2. <i>1296 Russell Drive Bolivar, OH 44612</i>	LICENSE NUMBER 3. 03220440002 EXPIRATION DATE 4. November 1, 2020 FILE NUMBER / ID NUMBER 5. 500632-13654
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|---|--|--|
| 6. RADIOACTIVE MATERIAL

A. Any radioactive material with Atomic Numbers between 3 and 83 inclusive; 88 and 95.
B. Any radioactive material with Atomic Numbers between 3 and 83 inclusive; 88 and 95.
C. Technetium-99m | 7. CHEMICAL AND/OR PHYSICAL FORM

A. Leak test samples
B. Sealed sources
C. Any | 8. MAXIMUM QUANTITY THAT LICENSEE MAY POSSESS AT ANY ONE TIME UNDER THIS LICENSE

A. As needed (see item 9A, below)
B. No single source to exceed 3.7 MBq (0.1 mCi). Total possession not to exceed 37 MBq (1.0 mCi).
C. 18.5 GBq (500 mCi) |
|---|--|--|

- 9. Authorized Use**
- A. Possession incident to the performance of tests for leakage and/or contamination on sources and devices specified in renewal application dated June 30, 2015.
 - B. To be used for instrument calibration and testing at the licensee's address and at temporary job sites.
 - C. To be used for instrument calibration and testing, shielding evaluations, and training at temporary job sites.

CONDITIONS

- 10. Licensed material may only be used at the licensee's facilities located at:
 - A. *5589 Cardinal Drive
Mentor, OH 44060*
 - B. Temporary job sites anywhere in the state of Ohio
- 11. The Radiation Safety Officer for this license is: *Sharon Long*
- 12. Licensed material shall be used by or under the supervision of Sharon L. Long, C. Kelly Stoneberg or Adam Springer.
- 13. All sealed sources that are used or obtained shall have been evaluated or approved under the provisions of OAC 3701:1-46-49; or by equivalent NRC or Agreement State regulation.
- 14. Sealed sources shall be tested for leakage or contamination in accordance with OAC 3701:1-38-24.
- 15. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the license.
- 16. Sealed sources containing license material shall not be opened by the licensee.

OHIO DEPARTMENT OF HEALTH LICENSE FOR RADIOACTIVE MATERIALS SUPPLEMENTARY SHEET	Page 2 of 2
	License Number: 03320440002
	Bureau Docket Number: 500632-13654
	Amendment No. 5

- 17. The licensee may transport licensed material in accordance with the provisions of OAC 3701:1-50.
- 18. In addition to the possession limits in item 8, the licensee shall further restrict the possession of sealed source licensed materials to quantities below the minimum limit specified in OAC 3701:1-40-17.
- 19. The licensee is authorized to hold material with a physical half-life of less than 120 days for decay-in-storage before disposal in ordinary trash, provided:
 - A. Waste to be disposed of in this manner shall be held for decay for a minimum of ten half-lives.
 - B. Before disposal as ordinary trash, the waste shall be surveyed at the container surface with the appropriate survey instrument set on its most sensitive scale and with no interposed shielding to determine that its radioactivity cannot be distinguished from background. All radiation labels shall be removed or obliterated.
 - C. A record of each disposal permitted under this license condition shall be retained for three years. The record must include the date of disposal, the date on which the radioactive material was placed in storage, the radionuclides disposed, the survey instrument used, the background dose rate measured at the surface of each container, and the name of the individual who performed the disposal.
- 20. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Ohio Department of Health's statutes, rules, and orders shall govern unless statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
 - A. Renewal application dated June 30, 2015. This amendment renews license 03320440002 in its entirety. (Amendment 4.)
 - B. Correspondence dated December 28, 2016 (Amendment 5).

For the Ohio Department of Health

DATE:

2/2/17

BY:

Michael J. Snee
 Michael J. Snee
 Bureau of Environmental Health and Radiation Protection
 on behalf of Director of Health

Fax

To: Colleen_Casey **From:** Sharon Long, National Physis Consultants
Fax: 16305151078 **Pages:** 6
Re: **Date:** Aug 09, 2018

Urgent **For Review** **Please Comment** **Please Reply** **X For Information**

● **Comments:**

Attn Colleen Casey

Hopefully everything arives successfully today

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