NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 1 OF 4 PAGES Amendment No. 2

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 37, 39, 40, 70 and 71, and in relance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material 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 regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

| Licensee | In accordance with letter dated | 4. Expiration Date: December 31, 2022 |
|---|--|---|
| 1. Cook, Flatt & Strobel Engineers, P.A. | May 6, 2016 | |
| 2. 2930 SW Woodside Drive Topeka, KS 66614 | 3. License number: 15-35010-01 is amended in its entirety to read as follows: | 5. Docket No.: 030-38573 Reference No.: |
| 6. Byproduct, source, and/or special nuclear material | 8. Maximum amount that license may possess at any one time under this license | 9. Authorized use |
| A. Cesium-137 A. Sealed Sources (AEA Technology/OSA, Inc.) CDCW556; Isotope Pro Laboratories, Wodel HE | A 9 millicuries per source and 90 millicuries total duct G ^e 137 | A. For use in Troxler Models 3430 and 3440 portable gauging devices for measuring physical properties of materials. |
| B. Americium-241 B. Sealed Sources (AEA Technology/QSA, Inc. Model AMNV.997; Isoto Product Laboratories, M Am1.NO2) | Model Pe Iodel A A A A | B. For use in Troxler Models 3430 and 3440 portable gauging devices for measuring physical properties of materials. |
| 10 Licensed meterial may be used at temperary ich site | CONDITIONS | States where the LL S. Nuclear Regulatory |

 Licensed material may be used at temporary job sites of the licensee anywhere in the United States where the U. S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.

| NRC F | FORM 374A | U.S. NUCLEAR REGULA | TORY COMMISSION PAGE 2 OF 4 PAGES |
|-------|--|--|---|
| | | License Number 15-35010-01 | Docket or Reference Number 030-38573 |
| | SUPPLEMENTARY SHEET | Amendment No. 2 | |
| 11. | Licensed material shall only be used b training described in application dated | y, or under the supervision and i October 10, 2012. | n the physical presence of, individuals who have received the |
| 12. | The Radiation Safety Officer (RSO) for | this license is bylan Stang. | JULAZ |
| 13. | A. Sealed sources shall be tested for registration issued by NRC under 1 | leakage and/or contamination at 0 CFR 32.210 or by an Agreem | intervals not to exceed the intervals specified in the certificate of ent State. |
| | B. In the absence of a certificate from registration issued by NRC under 1 received from another person shall | a transferor indicating that a lea 0 CFR 32.210 or by an Agreem not be put into use until tested | k test has been made within the intervals specified in the certificate of ent State prior to the transfer, a sealed source or detector cell |
| | C. Sealed sources need not be tested or transferred to another person, a transfer. No sealed source shall be | If they are in storage and are h nd have not been tested within t stored for a period of more than | being used. However, when they are removed from storage for use the required leak test interval, they shall be tested before use or 10 years without being tested for leakage and/or contamination. |
| | D. The leak test shall be capable of de If the test reveals the presence of 0 U.S. Nuclear Regulatory Commissi service and decontaminated, repai | etecting the presence of 0.005 m 0.005 microcurie (185 becquerels on in accordance with 10 CFR 3 red, or disposed of in accordanc | icrocurie (185 becquerels) of radioactive material on the test sample. s) or more of removable contamination, a report shall be filed with the 0.50(c)(2), and the source shall be removed immediately from with Commission regulations. |
| | E. Tests for leakage and/or contamina to perform such services. In addition samples must be performed by per | ation shall be performed by person, the licensee is authorized to or sons specifically licensed by the | ons specifically licensed by the Commission or an Agreement State collect leak test samples but not perform the analysis; analysis of leak Commission or an Agreement State to perform such services. |
| | F. Records of leak test results shall be | e kept in units of microcurie <mark>s</mark> and | I shall be maintained for 3 years. |
| | | | |

| NRC F | ORM 374A | U.S. NUCLEAR REGULATORY COMM | ISSION | PAGE 3 OF 4 PAGES |
|-------|---|---|---|--|
| | MATERIALS LICENSE | License Number 15-35010-01 | Docket or Reference Number 030-38573 | |
| | SUPPLEMENTARY SHEET | Amendment No. 2 | | |
| 14. | Sealed sources or source rods containing gauges by the licensee, except as specif | g licensed material shall not be opened ically authorized. | or sources removed or detached | from source rods or |
| 15. | The licensee shall conduct a physical inv Commission, to account for all sources a | entory every 6 months, or at other inten nd/or devices received and possessed of | als approved by the U.S. Nuclea index the license. | ar Regulatory |
| 16. | Except for maintaining labeling as require changes in the sealed source, device, or respective Certificates of Registration iss | ed by 10 CFR Part 20 or 71 , the license source-device combination that would ued either by the Commission pursuant | e shall obtain authorization from lifer the description or specification to 10 CFR 32.210 or by an Agre | NRC before making any ons as indicated in the ement State. |
| 17. | Each portable nuclear gauge shall have sealed source from its shielded position. direct surveillance of an authorized used | a lock or outer locked container designe The gauge on its container must be lock | d to prevent unauthorized or acc ed when in transport or storage, | idental removal of the or when not under the |
| 18. | Any cleaning, maintenance, or repair of t only by the manufacturer or other person perform such services. | he gauges that requires detaching the s s specifically licensed by the U.S. Mucle | ource or source rod from the gau ar Reculatory Commission or an | ge shall be performed Agreement State to |
| | | 学校会会会 | | |
| | | | | |
| | | | | |

| RC FORM 374A | U.S. NUCLEAR REGULATO | DRY COMMISSION | PAGE 4 OF 4 PAGE |
|--|--|---|--|
| | License Number 15-35010-01 | Docket or Reference Number 030-38573 | |
| SUPPLEMENTARY SHEET | Amendment No. 2 | | |
| Except as specifically provided other representations, and procedures con Commission's regulations shall gover correspondence are more restrictive A. Application dated October 10, 20 | wise in this license, the licensee sha tained in the documents, including a rn unless the statements, represent than the regulations. 12 (ML12290A115) | all conduct its program in accordance v any enclosures, listed below. The Nucl ations, and procedures in the licensee | with the statements, ear Regulatory 's application and |

C. Letter dated May 6, 2016 (ML16127A369)

UNTED STA

野

A

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

By:

Jennifer L Bishop Region 3

COMMISS NOIS

Date: August 2, 2016