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January 8, 2018

40-38377

Attn: Document Control Desk / Exempt Distribution
Director, Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Director,

Enclosed with this letter is CK Worldwide's exempt distribution report for 1-1-17 through 12-31-17 of 2% Thoriated Tungsten Electrodes. A copy of our license, # 46-35175-01E is included.

The product was transferred for use under 10 CFR 40.13(c)(1)(iii) for welding rods as required by 10 CFR 40.53(c)(2)

If you have any questions, please contact me.

Best regards,

Aaron Walsberg
Vice President / Operations
CK Worldwide
3501 C Street NE
Auburn, WA 98002
800-426-0877

NM5503

2% Thoriated Tungsten Electrode Sales

| CK Worldwide - License # 46-35175-01E | | | | |
|--|--|-------------------------|---------------------|----------------------------|
| | | | | |
| | | | | |
| Period 1-1-2017 through 12-31-2017 | | | | |
| | | | | |
| Item Number | Description | Quantity Shipped | Mass Per Rod | Extended Mass Total |
| T0207GT2 | 2% Thoriated Tungsten Electrode .020" O.D. X 7" Length | 1220 | 0.013 | 15.86 |
| T0407GT2 | 2% Thoriated Tungsten Electrode .040" O.D. X 7" Length | 5700 | 0.054 | 307.8 |
| T1167GT2 | 2% Thoriated Tungsten Electrode 1/16" O.D. X 7" Length | 60292 | 0.139 | 8380.588 |
| T1167GT2-3 | 2% Thoriated Tungsten Electrode .020" O.D. X 7" Length | 302 | 0.139 | 41.978 |
| T147GT2 | 2% Thoriated Tungsten Electrode 1/4" O.D. X 7" Length | 95 | 2.22 | 210.9 |
| T183GT2 | 2% Thoriated Tungsten Electrode 1/8" O.D. X 3" Length | 140 | 0.28 | 39.2 |
| T187GT2 | 2% Thoriated Tungsten Electrode 1/8" O.D. X 7" Length | 214040 | 0.56 | 119862.4 |
| T187GT2-3 | 2% Thoriated Tungsten Electrode 1/8" O.D. X 7" Length | 314 | 0.56 | 175.84 |
| T3167GT2 | 2% Thoriated Tungsten Electrode 3/16" O.D. X 7" Length | 390 | 1.25 | 487.5 |
| T3327GT2 | 2% Thoriated Tungsten Electrode 3/32" O.D. X 7" Length | 243400 | 0.313 | 76184.2 |
| T3327GT2-3 | 2% Thoriated Tungsten Electrode 3/32" O.D. X 7" Length | 589 | 0.313 | 184.357 |
| T5327GT2 | 2% Thoriated Tungsten Electrode 5/32" O.D. X 7" Length | 2180 | 0.875 | 1907.5 |
| | | | | |
| | Grand Total | 528662 | Grams | 207798.123 |
| | | | | |
| | | | Kilograms | 207.798123 |

U.S. NUCLEAR REGULATORY COMMISSION

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, 39, 40, and 70, and in reliance 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 | |
| 1. CK Worldwide, Inc. | 3. License number 46-35175-01E |
| 2. 3501 C Street, NE Auburn, Washington 98002 | 4. Expiration date September 30, 2024 |
| | 5. Docket No. 040-38377 Reference No. |

- | | | |
|---|----------------------------------|--|
| 6. Byproduct, source, and/or special nuclear material | 7. Chemical and/or physical form | 8. Maximum amount that licensee may possess at any one time under this license |
| A. Thorium | A. No more than 4% Thorium Alloy | A. Not applicable (See License Condition 10) |

9. Authorized use:

Pursuant to Section 40.52, 10 CFR Part 40, "Certain items containing source material; requirements for license to apply or initially transfer," the licensee is authorized to distribute pre-packaged tungsten electrodes, containing not more than 4% thorium, to persons exempt from licensing pursuant to 10 CFR 40.13(c)(1)(iii), or equivalent provisions of any Agreement State.

CONDITIONS

10. This license does not authorize possession or use of licensed material.
11. The licensee is authorized to distribute only from its facilities located at: 3501 C Street, NE, Auburn, Washington.
12. The licensee shall submit periodic material transfer reports as specified in 10 CFR 40.53.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
46-35175-01EDocket or Reference Number
040-38377

13. Except as specifically provided otherwise by 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 U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

A. Application dated August 26, 2014 (ML14253A044).

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: September 15, 2014

By


Shirley S. Xu

Licensing Branch

Division of Materials Safety and State Agreements
Office of Federal and State Materials and
Environmental Management Programs
Washington, DC 20555