



MEMORANDUM

40-38389

Date: January 8, 2018	Page: 1 of 1
To: Document Control Desk/ Exempt Distribution Director, Office of Nuclear Material Safety and Safeguards	
From: Benjamin Varner	
Subject: NRC annual report for 2017	

Greetings,

Morgan Advanced Materials would like to submit their annual transfer report for your review. Are license number is 34-35266-01E. Are source is Depleted Uranium. The source material is under 10 CFR 40.13(c)(2)(ii) - Piezoelectric ceramic containing not more than 2 percent by weight source material.

Attached is the report and a copy of our license for your review. Please feel free to contact me if any questions arise. Have a great day.

Sincerely

Benjamin Varner
Environmental Health & Safety Technician

Morgan Advanced Materials
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Morgan Advanced Ceramics Inc., 232 Forbes Road, Bedford, Ohio, 44146 US

NMSS03

Licensee Morgan Advanced Materials
 License # 34-35266-01E
 Year 2017
 Source Mat Depleted Uranium

Item #	Description	Quantity Sold*	Weight/part(g)	Source/Part(g)	Source/Shiment(g)
59439	Disc, 7A, .118ODx.236TH	300	0.3207	0.0038	1.145
62057	Plate, 7D, 1.575LGx1.575WDx.00	3484	2.1773	0.0104	36.122
90020	Mono, 702, .185LGx.035WDx.021T	8664	0.0191	0.0001	0.786
90031	Mono, 702, .180LGx.050WDx.021T	11539	0.0191	0.0001	1.047
90061	Mono, 702, .220LGx.075WDx.021T	6613	0.0322	0.0002	1.014
2-90005	Mono, Rect, 7D, .750LGx.500WDx	86	1.00	0.0048	0.411
90065	Mono, 702, .160LGx.090WDx.021T	4680	0.0363	0.0002	0.809
59179	Disc, 7A, 1.500ODx.750TH Rev E	50	257.5994	3.0667	153.333
59794	Plate, 701, 2.850LGx2.850WDx.0	84	236.5	2.8155	236.500
62257	Plate, 702, 1.575LGx1.575WDx.0	85	2.1773	0.0104	0.881
59798	Plate, 701, 2.992LGx1.969WDx.0	14	26.7624	0.3186	4.460
59210	Plate, 7A, 3.300LGx2.200WDx.65	54	643.00	7.6548	413.357

* Quantity Sold = transfer per 10 CFR 40.13.(C) (2)(ii)

Depleted Uranium shipment total =

849.866 grams

1.874 Converted to LBS

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.

<p style="text-align: center;">Licensee</p> <p>1. Morgan Advanced Materials</p> <p>2. 232 Forbes Road Bedford, OH 44146-5478</p>	<p>3. License number 34-35266-01E</p> <p>4. Expiration date September 30, 2025</p> <p>5. Docket No. 040-38389 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Uranium-238 (depleted)</p>	<p>7. Chemical and/or physical form</p> <p>A. Uranium Oxide</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. Not applicable (See License Condition 10)</p>
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9. Authorized use:

In accordance with 10 CFR 40.52, "Certain items containing source material; requirements for license to apply or initially transfer," the licensee is authorized to distribute piezoelectric ceramic, containing not more than 2 percent by weight source material, to persons exempt from licensing under 10 CFR 40.13(c)(2), 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: 232 Forbes Road, Bedford, Ohio.
- 12. The licensee shall submit annual material transfer reports as specified in 10 CFR 40.53.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
34-35266-01EDocket or Reference Number
040-38389

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 July 31, 2015 (ML15237A431);
- B. Letter dated September 4, 2015 (ML15259A034).

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: September 21, 2015By: 

Shirley S. Xu
Materials Safety Licensing Branch
Division of Material Safety, States, Tribal
and Rulemaking Programs
Office of Nuclear Material Safety
and Safeguards
Washington, DC 20555