

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, 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. Bradley-Thompson Tool Company | 3. License number STB-1463 | |
| 2. 22108 W. Eight Mile Road Southfield, MI 48034 | 4. Expiration date | November 30, 1990 |
| | 5. Docket or Reference No. | 040-08889 |
| 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. Natural Thorium | A. Thorium oxide not exceeding 4% thorium alloyed with magnesium | A. 200 pounds |
| 9. Authorized Use | | |
| A. For use in the physical processing of raw magnesium-thorium castings as described in the licensee's application dated July 23, 1985. | | |

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities located at 22108 W. Eight Mile Road, Southfield, Michigan.
11. The licensee shall comply with the provisions of Title 10, Chapter 1, Code of Federal Regulations, Part 19, "Notices, Instructions and Reports to Workers; Inspections" and Part 20, "Standards for Protection Against Radiation."
12. Licensed material shall be used by, or under the supervision of, Michael D. Huard.
13. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in application dated July 23, 1985 and letter dated October 29, 1985. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.

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For the U.S. Nuclear Regulatory Commission

Date

NOV 13 1985

Original Signed

By B. J. Holt

Materials Licensing Section, Region III

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