

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, 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		In accordance with letter dated August 11, 1992	
1. Braun Intertec Engineering, Inc.		3. License number 22-16537-02 is amended in its entirety to read as follows:	
2. 6875 Washington Avenue South P.O. Box 39108 Minneapolis, MN 55439		4. Expiration date March 31, 1995	
		5. Docket or Reference No 030-21059	
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. Iridium-192	A. Sealed source (Amersham Model 866 or B-8-T, Spec Model B-16 or B-16F)	A. Not to exceed 100 curies per source	
B. Iridium-192	B. Sealed sources (Amersham Model A-424-9, Spec Models T-5 or T-5F, or RTS Technology Model 702)	B. Not to exceed 100 curies per source	

9. Authorized Use:
- A. For use in Automation Industries (Amersham) Model Iriditron 520 exposure device for industrial radiography and Amersham Model 650 or Spec Model C-1 source changers for storage and replacement of sources.
  - B. For use in Amersham Model 660/660 system exposure device for industrial radiography and Spec Model C-1, Amersham Model 650, or RTS Technology Model 424 source changers for storage and replacement of sources.

MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License number  
22-16537-02

Docket or Reference number  
030-21059

Amendment No. 06

CORRECTED COPY

CONDITIONS

10. Licensed material may be used at 6875 Washington Avenue South, Minneapolis, Minnesota and 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.
11.
  - A. Licensed material shall be used by, or under the supervision and in the physical presence of, individuals who have successfully completed the training program outlined in application dated August 25, 1989, or the Hutchinson Technical College radiographer's training program and have been designated by the licensee's Radiation Protection Officer. The licensee shall maintain records of the individuals who have been designated as authorized users.
  - B. The Radiation Protection Officer for the activities authorized by this license is Frederick A. Bohnsack.
12.
  - A. Notwithstanding the periodic leak test required by Section 34.25(b) of 10 CFR Part 34, such requirement does not apply to radiography sources that are stored and not being used. The sources excepted from this test shall be tested for leakage before use or transfer to another person.
  - B. Sealed sources authorized for a use other than radiography shall be tested as radiography sources in accordance with Section 34.25 of 10 CFR Part 34.
13. The licensee is authorized to receive, possess, and use sealed sources of iridium-192 or cobalt-60 where the radioactivity exceeds the maximum amount of radioactivity specified in this license provided.
  - A. Such possession does not exceed the quantity per source specified in Item 8 by more than 20% for iridium-192 or 10% for cobalt-60;
  - B. Records of the licensee show that no more than the maximum amount of radioactivity per source specified in this license was ordered from the supplier or transferor of the byproduct material; and
  - C. The levels of radiation for radiographic exposure devices and storage containers do not exceed those specified in Section 34.21 of 10 CFR Part 34.
14. Pursuant to 10 CFR Part 40, "Domestic Licensing of Source Material," the licensee is authorized to possess, use, transfer, and import up to 999 kilograms of uranium contained as shielding material in the radiography exposure devices and source changers authorized by this license.
15. Sealed sources containing licensed material shall not be opened.

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16. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
17. 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 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 25, 1989 (with attachments);
  - B. Letters dated February 21, 1990 (with attachments), January 8, 1990 (with attached application), March 7, 1991, and August 11, 1992; and
  - C. Letter received October 19, 1992.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date NOV 4 1992

By Deborah A. Petura  
Materials Licensing Section, Region III

0592

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QUALITY ASSURANCE PROGRAM APPROVAL  
FOR RADIOACTIVE MATERIAL PACKAGES

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974, as amended, and Title 10, Code of Federal Regulations, Chapter 1, Part 71, and in reliance on statements and representations heretofore made in Item 5 by the person named in Item 2, the Quality Assurance Program identified in Item 5 is hereby approved. This approval is issued to satisfy the requirements of Section 71.101 of 10 CFR Part 71. This approval 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.

## 2. NAME

Braun Intertec Engineering, Inc.

## 3. EXPIRATION DATE

May 31 1996

## STREET ADDRESS

P. O. Box 39108

## 4. DOCKET NUMBER

71-0592

## CITY

Minneapolis

## STATE

MN

## ZIP CODE

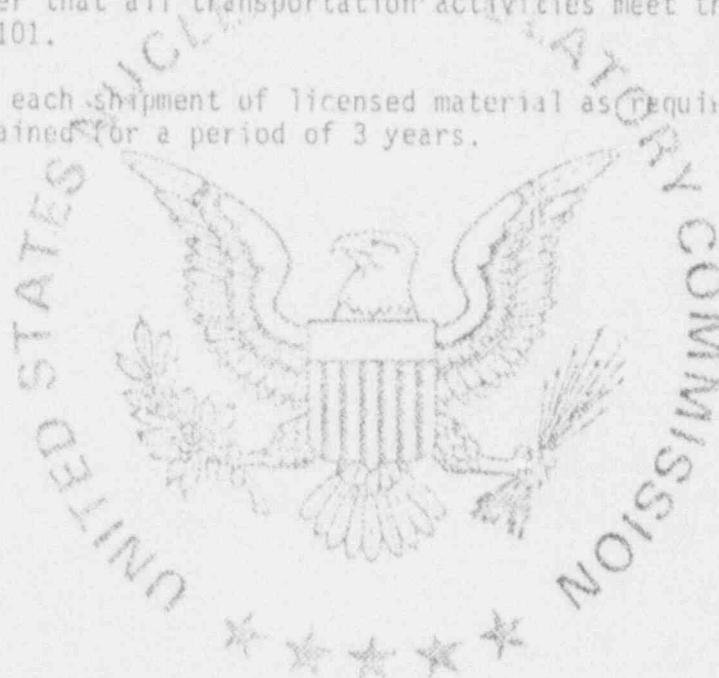
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## 5. QUALITY ASSURANCE PROGRAM APPLICATION DATE(S)

March 20, 1986 and April 16, 1991

## 6. CONDITIONS

1. Activities authorized by this approval: Procurement, maintenance, repair and use to be executed with regard to transportation packages in special form. All other shipping activities (i.e., design, fabrication, assembly, testing, and modification) shall be satisfied by obtaining certifications from package suppliers that these activities were conducted in accordance with an NRC-approved QA program. It shall remain the responsibility of the licensee-user that all transportation activities meet the requirements of 10 CFR 71.101.
2. Records for each shipment of licensed material as required by CFR 71.91(a) must be retained for a period of 3 years.



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FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Charles E. MacDonald

MAY 29 1991

CHIEF, TRANSPORTATION BRANCH  
DIVISION OF SAFEGUARDS AND TRANSPORTATION  
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

DATE