

DL-031946-02

OFFICIAL RECORD COPY
MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number	45-11496-01
Docket or Reference Number	030-07099
Amendment No. 18	

CORRECTED COPY

The Applied Radiant Energy Corporation
Venture Drive/Forest Commercial Center
P.O. Box 289
Forest, Virginia 24551-0289

In accordance with Application dated March 28, 1991, License No. 45-11496-01 is amended as follows:

Items 1 and 2, the licensee's name and address are amended to read as follows:

The Applied Radiant Energy Corporation
Venture Drive/Forest Commercial Center
P.O. Box 289
Forest, Virginia 24551-0289

Subitems 6.A, 7.A, and 8.A are amended to read as follows:

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
6.A. Cobalt 60	7.A. Sealed sources (BNL standard source strips or Neutron Products, Inc. sources encapsulated as described in letters dated July 3, 1968, February 5, 1981 and February 6, 1981 and/or Nordion International Model C-188 sources	8.A. 400,000 Curies

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CONDITIONS

Conditions 21, 22, 23, and 24 are added as follows:

- 21. The licensee is authorized to conduct the "Westinghouse Klunk test" of DOE WESF capsules in accordance with procedures described in application dated March 28, 1991 and in the physical presence of authorized DOE and NRC representatives. The licensee shall assure that these representatives are present before the tests are conducted. The tests shall be conducted at intervals not to exceed 12 months.
- 22. The source plaque (array) for use with the Nordion cobalt 60 model C-188 sealed sources shall be constructed in accordance with the source manufacturer's design parameters and shall be compatible with all other materials in the array including, but not limited to the following: all sealed sources, source plaques, plumbing, electrical and electronic components, product containers, and shielding material.

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License Number	45-11496-01
Doclet or Reference Number	030-07097
Amendment No. 18	

Continued

CONDITIONS

- 23. The licensee shall arrange all components and systems in the irradiator pool to minimize the potential for damage to sealed sources during source loading and product loading and unloading. When possible, the licensee shall provide barriers to protect sealed sources from damage that might result in loss of containment of licensed material.
- 24. The licensee shall notify NRC, RII at least 2 weeks before the anticipated shipment of cobalt 60 capsules by the source supplier.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

EARL G. WRIGHT

Earl G. Wright

MAR 19 1996

Date _____ By _____
Region II, Division of Nuclear Materials Safety
101 Main Street, New York, NY 10007
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