

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. Alicia Research & Testing Labs., Inc.

3. License number 29-20838-01

2. Stafford Forge Road
RR 1 Box 150 AA
West Creek, New Jersey 08092

4. Expiration date July 31, 1990

5. Docket or
Reference No. 030-212486. Byproduct, source, and/or
special nuclear material7. Chemical and/or physical
form8. Maximum amount that licensee
may possess at any one time
under this license

A. Iridium 192

A. Technical Operations
Model A-424-9 Sealed
sourcesA. Not to exceed 100 curies
per source

B. Cesium 137

B. Technician Operations
Model 77302 Sealed
source

B. 165 millicuries

9. Authorized use

- A. For use in a Technical Operations Model 660 exposure device for industrial radiography and in Technician Operations Model 650 source changer for storage and replacement of sources.
- B. For use in a Technical Operations Model 773 Instrument Calibration Device for the calibration of survey meters.

CONDITIONS

10. Licensed material may be used at Stafford Forge Road, RR1 Box 150 AA, West Creek, New Jersey 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. 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," Part 20, "Standards for Protection Against Radiation" and Part 34, "Licenses for Radiography and Radiation Safety Requirements for Radiographic Operations."

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

29-20838-01

Docket or Reference number

030-21248

(continued)

CONDITIONS

12. Licensed material shall be used by, or under the supervision and in the physical presence of, Michael Kozak, Jack Miller, James Murphy, Martin Oberstaedt, or individuals fulfilling the requirements of 10 CFR 34.31 and who have successfully completed the training program of the licensee as described in application dated April 17, 1985 and letters dated June 4, 1985, June 10, 1985 and June 18, 1985.
13.
 - A. Pursuant to Section 34.25, 10 CFR 34, the licensee is authorized to perform tests for leakage or contamination of the sealed sources authorized by this license in accordance with procedures contained in application dated April 17, 1985.
 - B. Notwithstanding the periodic leak test required by Section 34.25(b), 10 CFR 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 prior to any use or transfer to another person unless they have been leak tested within six months prior to the date of use or transfer.
 - C. Sealed sources authorized for a use other than radiography shall be tested as radiography sources in accordance with Section 34.25 of 10 CFR 34.
14. 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 Item 8 of 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 Item 8 of the 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, 10 CFR 34.
15. Pursuant to Title 10, Chapter 1, Code of Federal Regulations, 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.
16. The licensee may transport licensed material or deliver licensed material to a carrier for transport in accordance with the provisions of Title 10, Code of Federal Regulations, Part 71, "Packaging of Radioactive Material for Transport and Transportation of Radioactive Material Under Certain Conditions."

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SUPPLEMENTARY SHEET**

License number

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(continued)

CONDITIONS

17. 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 April 17, 1985, and letters dated June 4, 1985, June 10, 1985 and June 18, 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.



For the U.S. Nuclear Regulatory Commission

Original Signed By:

Jack Davis

By

Nuclear Materials Safety and
Safeguards Branch, Region I
King of Prussia, Pennsylvania 19406

Date

JUL 02 1985