

MATERIALS LICENSE

Amendment No. 01

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. Slater Steels

P.O. Box 630

2. 2400 Taylor Street, West
Fort Wayne, IN 46804In accordance with letter dated
July 31, 19853. License number 13-20012-01 is amended in
its entirety to read as follows:

4. Expiration date October 31, 1990

5. Docket or
Reference No. 030-176416. Byproduct, source, and/or
special nuclear material

A. Cadmium-109

7. Chemical and/or physical
formA. Sealed sources
(Isotopes Products Lab.
Model No. AN109A)8. Maximum amount that licensee
may possess at any one time
under this licenseA. No single source
to exceed 25
millicuries

9. Authorized Use

A. To be used in a Kevex 0102 x-ray analyzer.

CONDITIONS10. Licensed material shall be used only at the licensee's facilities located at
2400 Taylor Street West, Fort Wayne, Indiana.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 Sullivan,
Jerome Rosswurm or Daniel Schram.13. A. (1) Each sealed source containing licensed material, other than Hydrogen 3,
with a half-life greater than thirty days and in any form other than gas
shall be tested for leakage and/or contamination at intervals not to exceed
six months. In the absence of a certificate from a transferor indicating
that a test has been made within six months prior to the transfer, a sealed
source received from another person shall not be put into use until tested.(2) Notwithstanding the periodic leak test required by this condition, any
licensed sealed source is exempt from such leak tests when the source
contains 100 microcuries or less of beta and/or gamma emitting material or
10 microcuries or less of alpha emitting material.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

13-20012-01

Docket or Reference number

030-17641

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- B. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of the device in which the sealed source is permanently mounted or stored on which one might expect contamination to accumulate. Records of leak test results shall be kept in units of microcuries and maintained for inspection by the Commission.
- C. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with Commission regulations. A report shall be filed within five (5) days of the test with the U. S. Nuclear Regulatory Commission, Region III, 799 Roosevelt Road, Glen Ellyn, Illinois 60137, describing the equipment involved, the test results, and the corrective action taken.
- D. Tests for leakage and/or contamination shall be performed by the manufacturer or by other persons specifically authorized by the Commission or an Agreement State to perform such services.
14. Sealed sources containing licensed material shall not be opened or removed from their respective source holders by the licensee.
15. 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 15, 1980 (with attachments); and letter dated July 31, 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

Date

OCT 30 1985

Original Signed
By J. R. Madera
Materials Licensing Section, Region III

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