

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. National Feedscrew & Machining, Inc.		3. License number 34-24500-01
2. 577 Oberlin Road S.W. Massillon, OH 44646		4. Expiration date July 31, 1990
		5. Docket or Reference No. 030-28664
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. Cobalt-60	A. Sealed source(s) (Technical Operations Model 1-424-2)	A. No single source to exceed 20 curies
B. Cobalt-60	B. Sealed source(s) (Technical Operations Model A-411)	B. No single source to exceed 500 millicuries
9. Authorized Use		
A. For use in Technical Operations Model 402 exposure devices for industrial radiography and in Technical Operations Model 416 source changers for storage and replacement of sources.		
B. For use in the performance of the licensee's survey instrument calibrations.		

CONDITIONS

10. Licensed material shall be used only at 577 Oberlin Road S.W., Massillon, Ohio.
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."
12. The individuals listed below are the only persons authorized by this license to act as radiographers or radiographers' assistants as defined in Section 34.2, 10 CFR 34:

Radiographers

Thomas McInnes

Radiographers' Assistants

None

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

34-24500-01

Docket or Reference number

030-28664

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 29, 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 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 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. Sealed sources containing licensed material shall not be opened.
16. Prior to conducting radiographic operations with the Technical Operations Model 402 exposure device the licensee shall conduct a radiation survey to determine the levels around, above and below the facility with the source exposed. A detailed report of the survey shall be forwarded to the Material Licensing Section, U.S. Nuclear Regulatory Commission, Region III, 799 Roosevelt Road, Glen Ellyn, Illinois 60137, not later than 30 days following conduct of the survey.
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 29, 1985 (with attachments) and letter dated July 1, 1985 (with attachments). 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 J.R. Madera

Materials Licensing Section, Region III

Date July 9, 1985

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