

# National Veterinary Imaging, Inc.

10817 Sperry Road, Chesterland, Ohio 44026  
(216) 256-8993 • (216) 291-8895 • (700) 818-1818  
President : David Feiglin, MBBS, BSc, FACP, ABNM  
Vice President: Lynn Tezak, RT, RT(NMT)

January 15, 1993.

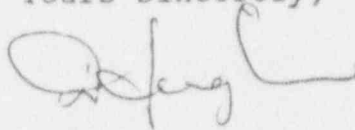
U.S. Nuclear Regulatory Commission  
Nuclear Materials Licensing Section  
Att: Robert G. Gattone, Jr.  
Region III  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Dear Mr. Gattone:

re: NRC License 34-26454-01; Control Number 94199.

Please be advised that, as requested under terms of the license, National Veterinary Imaging, Inc. has begun diagnostic scanning at 20600 Miles Parkway, Cleveland, Ohio. as of January 15, 1993. The use of therapeutic administration of radio-iodine 131 is planned on or about February 1, 1993 at 5035 Richmond Road, Cleveland, Ohio.

Yours Sincerely,



David Feiglin  
President and Radiation Safety Officer.

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REGION III

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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.

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Licensee

- 1. National Veterinary Imaging, Inc.
- 2. 10817 Sperry Road  
Chesterland, OH 44026

In accordance with letter received February 19, 1993  
3. License number 34-26454-01 is amended in its entirety to read as follows:

4. Expiration date January 31, 1998

5. Docket or Reference No. 030-32987

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. Technetium-99m

A. Any

A. 500 millicuries

B. Iodine-131

B. Any

B. 39 millicuries

C. Cesium-137

C. Sealed source (registered pursuant to Section 32.210 of 10 CFR Part 32 or an Agreement State)

Two sources not to exceed 500 microcuries each

D. Barium-133

D. Sealed source (registered pursuant to Section 32.210 of 10 CFR Part 32 or an Agreement State)

Two sources not to exceed 500 microcuries each

E. Phosphorus-32

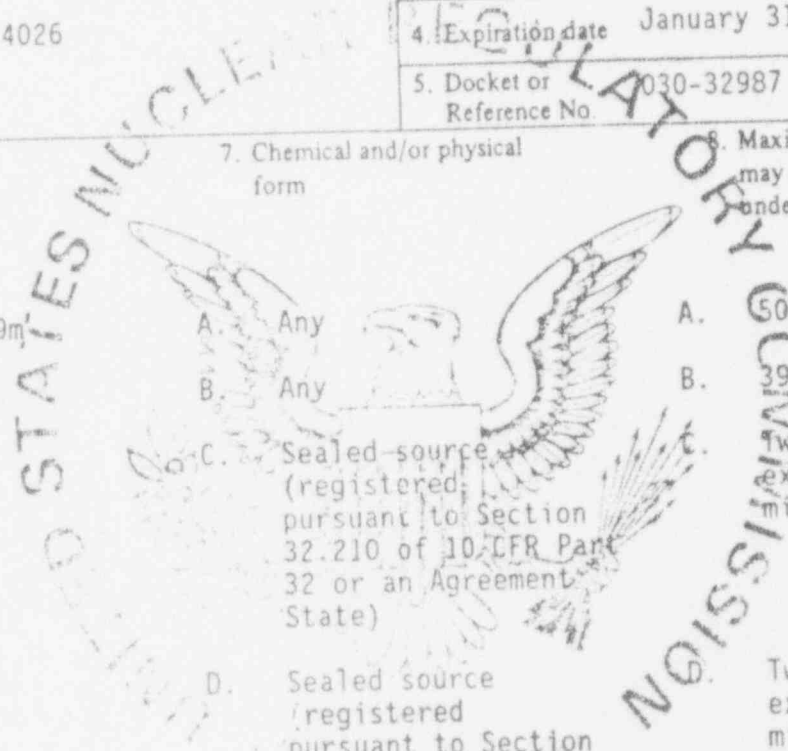
E. Any

E. 10 millicuries

F. Strontium-89

F. Any

F. 10 millicuries



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MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License number

34-26454-01

Docket or Reference number

030-32987

Amendment No. 01

9. Authorized Use:

- A. For veterinary diagnostic imaging studies.
- B. For veterinary therapy for hyperthyroidism.
- C. and D. For calibration of the licensee's survey instruments.
- E. and F. For veterinary radiopharmaceutical therapy.

CONDITIONS

- 10. Location of Use: 5035 Richmond Road, Cleveland, Ohio and 20600 Miles Parkway, Cleveland, Ohio.
- 11. Radiation Safety Officer: Dr. David Feiglin
- 12. Licensed material shall be used by, or under the supervision of, Drs. Bennett D. Fagin or Terrence A. Hamilton
- 13. The licensee shall maintain records of information related to decommissioning at the location listed in Item 2 as specified in 10 CFR 30.35 until this license is terminated by the Commission
- 14. The licensee is authorized to hold radioactive material with a physical half-life of less than 65 days for decay-in-storage before disposal in ordinary trash provided:
  - A. Radioactive waste to be disposed of in this manner shall be held for decay a minimum of 10 half-lives. ★ ★ ★ ★ ★
  - B. Before disposal as ordinary trash, byproduct material shall be surveyed at the container surface with the appropriate meter set on its most sensitive scale and with no interposed shielding to determine that its radioactivity cannot be distinguished from background. All radiation labels shall be removed or obliterated.
  - C. A record of each disposal permitted under this License Condition shall be retained for 3 years. The record must include the date of disposal, the date on which the byproduct material was placed in storage, the radionuclides disposed, the survey instrument used, the background dose rate, the dose rate measured at the surface of each waste container, and the name of the individual who performed the disposal.

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15. A. Sealed sources and detector cells shall be tested for leakage and/or contamination at intervals not to exceed 6 months or at such other intervals as specified by the certificate of registration referred to in 10 CFR 32.210.
- B. Notwithstanding Paragraph A of this Condition, sealed sources designed to emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months.
- C. In the absence of a certificate from a transferor indicating that a leak test has been made within 6 months prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.
- D. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, leakage, and contamination prior to any use or transfer as a sealed source.
- E. Sealed sources need not be leak tested if
- (i) they contain only hydrogen-3; or
  - (ii) they contain only a radioactive gas; or
  - (iii) the half-life of the isotope is 30 days or less; or
  - (iv) they contain not more than 100 microcuries of beta and/or gamma emitting material or not more than 10 microcuries of alpha emitting material; or
  - (v) they are not designed to emit alpha particles, are in storage, and are not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source or detector cell shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- F. The leak test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. If the test reveals the presence of 0.005 microcurie or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within 5 days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission.

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Amendment No. 01

15. (Continued)

Region III, 799 Roosevelt Road, Glen Ellyn, Illinois 60137, ATTN: Chief, Nuclear Materials Safety Branch. The report shall specify the source involved, the test results, and corrective action taken. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. Records may be disposed of following Commission inspection.

- G. Tests for leakage and/or contamination shall be performed by Universal Consultants, Inc. or by the persons specifically licensed by the Commission or an agreement state to perform such services.
16. Licensed materials shall not be used in or on human beings.
17. Experimental animals, or the products from experimental animals, that have been administered licensed materials shall not be used for human consumption.
18. The licensee shall not acquire licensed material in a sealed source or device that contains a sealed source unless the source or device has been registered with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State.
19. The licensee shall establish a bioassay program for individuals handling millicurie amounts of iodine-125 and/or iodine-131 in accordance with frequencies and procedures contained in Regulatory Guide 8.20, "Applications of Bioassay for I-125 and I-131."
20. Survey instrument calibrations shall be performed by Universal Consultants, Inc. or by other persons specifically licensed by the Commission or an agreement state to perform such services.
21. The licensee may not possess and use materials authorized in Items 6, 7, and 8 until:
1. The licensee has constructed the facilities and obtained the equipment described in the application and supporting documentation; and
  2. The U. S. Nuclear Regulatory Commission, Region III, ATTN: Chief, Materials Licensing Section, 799 Roosevelt Road, Glen Ellyn, IL 60137 has been notified that activities authorized by the license will be initiated.
22. Within 30 days of the date of a decision not to complete the facility, acquire equipment, or possess and use authorized material, the licensee must notify the Commission in writing, of the decision.

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SUPPLEMENTARY SHEET

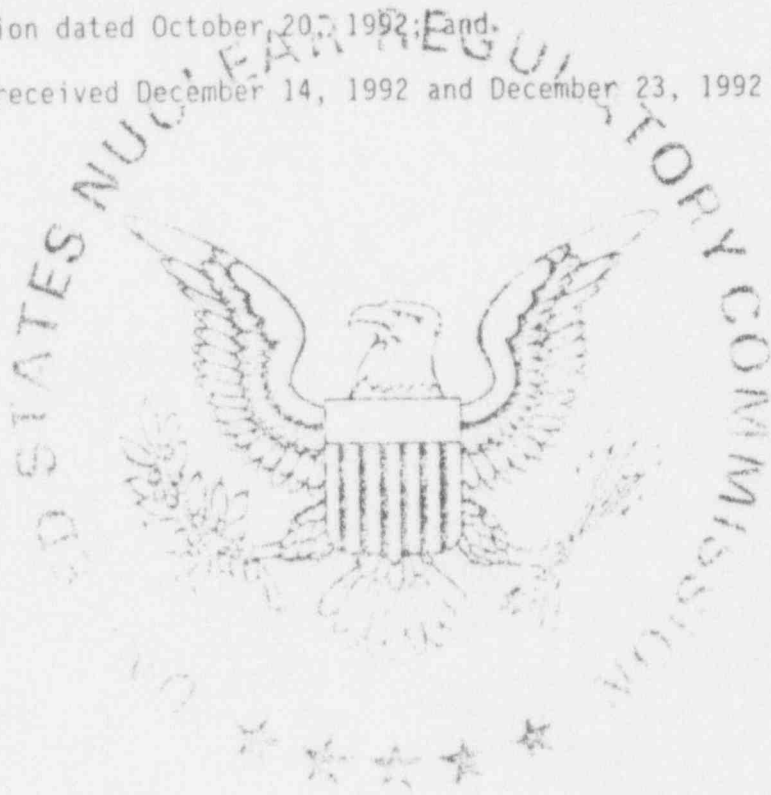
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23. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The U.S. Nuclear 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 October 20, 1992; and
- B. Letters received December 14, 1992 and December 23, 1992 (excluding Item 9.).



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date MAR 18 1993

By Robert G. Gattano Jr.  
Materials Licensing Section, Region III

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