

CABINET FOR HEALTH SERVICES
COMMONWEALTH OF KENTUCKY
RADIOACTIVE MATERIAL LICENSE

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1. LICENSEE AND 2. ADDRESS

DAVES & KELLY INC
DBA A JACOBSON & ASSOCIATES
BOX 14748 4709 SOUTHERN PKWY
LOUISVILLE, KY 40214

ATTENTION: MICHAEL S. KELLY, MS CHP
TELEPHONE: 502-485-0457

PURSUANT TO KRS 211.842 ET SEQ., THE KENTUCKY CABINET FOR HUMAN
RESOURCES REGULATIONS, 902 KAR 100, AND IN RELIANCE ON STATEMENTS
AND REPRESENTATIONS HERETOFORE MADE BY THE LICENSEE, A LICENSE IS
HEREBY ISSUED TO RECEIVE, ACQUIRE, OWN, POSSESS AND TRANSFER
RADIOACTIVE MATERIAL LISTED BELOW; AND TO USE SUCH RADIOACTIVE
MATERIAL FOR THE PURPOSE(S) AND AT THE PLACE(S) DESIGNATED BELOW.
THIS LICENSE IS SUBJECT TO ALL APPLICABLE RULES, REGULATIONS, AND
ORDERS OF THE CABINET FOR HUMAN RESOURCES, NOW OR HEREINAFTER IN
EFFECT AND TO ANY CONDITIONS SPECIFIED BELOW.

3. LICENSE NUMBER: 201-175-55
AMENDMENT NO. 29
4. EXPIRATION DATE: MARCH 31, 2002
5. REVIEWER: 25

6. LICENSED MATERIAL	7. FORM	8. POSSESSION LIMIT
A. ANY RADIOACTIVE MATERIAL	A. ANY	A. 1 MILLICURIE
B. TECHNETIUM 99M	B. PERTECHNETATE	B. 150 MILLICURIES
C. CESIUM 137	C. SEALED SOURCE (TECH OPS MODEL 77302)	C. NO SINGLE SOURCE TO EXCEED 165 MILLICURIES

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D. COBALT 57

D. SEALED SOURCE

D. NO SINGLE SOURCE
TO EXCEED 5
MILLICURIES

E. BARIUM 133
CESIUM 137
COBALT 60
TIN 113

E. SEALED SOURCE

E. NO SINGLE SOURCE
TO EXCEED 3
MILLICURIES

9. AUTHORIZED USE

- A. THE LICENSEE IS AUTHORIZED TO PERFORM TESTS FOR LEAKAGE AND/OR CONTAMINATION UPON SEALED SOURCES CONTAINING RADIOACTIVE MATERIAL AND UPON DEVICES WHICH CONTAIN SUCH SEALED SOURCES.
- B. SHIELDING EVALUATION MEASUREMENTS IN RADIOLOGICAL EXAM ROOMS.
- C. FOR USE IN TECHNICAL OPERATIONS MODEL 773 CALIBRATION UNIT FOR CALIBRATION OF RADIATION MEASURING INSTRUMENTS.
- D AND E. INSTRUMENT QUALITY ASSURANCE TESTING.

CONDITIONS:

- 10. THE LICENSEE SHALL COMPLY WITH THE PROVISIONS OF THE KENTUCKY CABINET FOR HUMAN RESOURCES ADMINISTRATIVE RADIATION REGULATIONS, 902 KAR 100.
- 11. RADIOACTIVE MATERIAL SHALL BE USED AT THE UNIVERSITY OF LOUISVILLE, RADIATION SAFETY OFFICE, COMMONS BUILDING, LOUISVILLE, KENTUCKY.

RADIOACTIVE MATERIAL DESCRIBED IN ITEM 6.C. SHALL BE USED AT HAYES TESTING LABORATORY, 2521 HOLLOWAY ROAD, HOLLOWAY INDUSTRIAL PARK, LOUISVILLE, KENTUCKY.

- 12. RADIOACTIVE MATERIAL MAY ALSO BE USED AT TEMPORARY JOB SITES OF THE LICENSEE ANYWHERE IN THE COMMONWEALTH OF KENTUCKY WHERE THE CABINET MAINTAINS JURISDICTION FOR REGULATING THE USE OF RADIOACTIVE MATERIAL.

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13. RADIOACTIVE MATERIAL SHALL BE USED BY:

JODI L. DAVES
SARAH C. HUGHES
MICHAEL KELLY

14. THE RADIATION SAFETY OFFICER FOR THE ACTIVITIES AUTHORIZED BY THIS LICENSE IS MICHAEL S. KELLY .

15. TESTS FOR LEAKAGE AND/OR CONTAMINATION SHALL BE PERFORMED ONLY AT CUSTOMER'S FACILITIES BY THE LICENSEE FOR EVALUATION AT THE UNIVERSITY OF LOUISVILLE, COMMONS BUILDING, LOUISVILLE, KENTUCKY.

16. TESTS FOR LEAKAGE AND/OR CONTAMINATION SHALL BE CAPABLE OF DETECTING THE PRESENCE OF 0.005 MICROCURIES OF RADIOACTIVE MATERIAL ON THE TEST SAMPLE OR, IN THE CASE OF RADON, THE ESCAPE OF RADON AT A RATE OF 0.001 MICROCURIES PER TWENTY-FOUR HOURS.

17. THE LICENSEE SHALL PROVIDE THE CUSTOMER A WRITTEN REPORT OF LEAK TEST RESULTS IN TERMS OF MICROCURIES.

18. SEALED SOURCES CONTAINING RADIOACTIVE MATERIAL SHALL NOT BE OPENED OR REMOVED FROM THEIR RESPECTIVE SOURCE HOLDERS BY THE LICENSEE.

19. THE LICENSEE SHALL CONDUCT A PHYSICAL INVENTORY EVERY SIX (6) MONTHS TO ACCOUNT FOR ALL SEALED SOURCES RECEIVED AND POSSESSED UNDER THE LICENSE. THE RECORDS OF THE INVENTORIES SHALL BE MAINTAINED FOR TWO (2) YEARS FROM THE DATE OF THE INVENTORY FOR INSPECTION BY THE CABINET, AND SHALL INCLUDE THE QUANTITIES AND KINDS OF RADIOACTIVE MATERIAL, LOCATION OF SEALED SOURCES, AND THE DATE OF THE INVENTORY.

20. INSTRUMENTS SHALL BE CONSIDERED CALIBRATED ONLY IF THE INSTRUMENTS READING ARE WITHIN PLUS OR MINUS TEN PERCENT OF THE CALCULATED VALUE.

21. THE LICENSEE MAY TRANSPORT RADIOACTIVE MATERIAL, OR DELIVER RADIOACTIVE MATERIAL TO A CARRIER FOR TRANSPORT, IN ACCORDANCE WITH THE PROVISIONS OF 902 KAR 100:070, AND OTHER DEPARTMENTS OF THE COMMONWEALTH OF KENTUCKY HAVING JURISDICTION.

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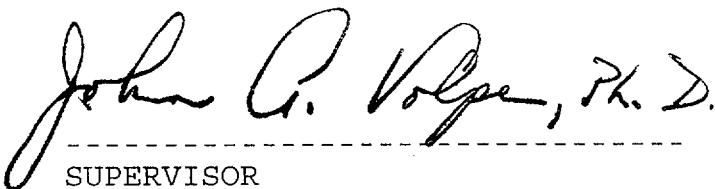
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22. EXCEPT AS SPECIFICALLY PROVIDED OTHERWISE IN THIS LICENSE, THE LICENSEE SHALL CONDUCT ITS PROGRAM IN ACCORDANCE WITH THE STATEMENTS, REPRESENTATIONS, AND PROCEDURES CONTAINED IN THE DOCUMENTS, INCLUDING ANY ENCLOSURES, LISTED BELOW. THE CABINET FOR HUMAN RESOURCES REGULATIONS, 902 KAR 100, SHALL GOVERN UNLESS STATEMENTS, REPRESENTATIONS, AND PROCEDURES IN THE LICENSEE'S APPLICATION AND CORRESPONDENCE ARE MORE RESTRICTIVE THAN THE REGULATION.

A. APPLICATION DATED JULY 24, 1997, SIGNED BY MICHAEL S. KELLY, PRESIDENT.

B. RADIATION SAFETY MANUAL DATED JULY 16, 1997.

C. LETTER DATED OCTOBER 30, 1997, SIGNED BY JODI L. DAVES, CONSULTING RADIATION PHYSICIST.



SUPERVISOR
RADIATION HEALTH & TOXIC
AGENTS BRANCH

JIMMY D. HELTON

SECRETARY
CABINET FOR HEALTH SERVICES

DATE ISSUED FEBRUARY 23, 2001