



**CHIPPENHAM MEDICAL CENTER
JOHNSTON-WILLIS HOSPITAL**

February 20, 1996
ATTN: Earl Wright
U.S. Nuclear Regulatory Commission, Region II
Nuclear Materials Safety Section
101 Marietta Street, Suite 2900
Atlanta, Georgia 30323
Phone (404) 331-5617
Fax (404) 331-7437

Term

RE: Amendment of License 45-02888-01 and 45-15249-01

Dear Mr. Wright,

Please find attached the additional information you requested with regards to our request for a license amendment dated 1/12/96. If there are any questions concerning this letter or the attached materials, please contact me at (804) 323-8796.

Sincerely,

Lenna Delétis
Director of Nuclear Medicine
Radiation Safety Officer, CMC

257012

cc: Marilyn Tavenner, CEO
Dr. John Thornton, RSU



**CHIPPENHAM MEDICAL CENTER
JOHNSTON-WILLIS HOSPITAL**

February 20, 1996

RE: Amendment of License 45-02888-01 and 45-15249-01

ANSWERS TO: INFORMATION NEEDED FOR CHANGE OF OWNERSHIP APPLICATION

1. The new name of the licensed organization is Chippenham and Johnston-Willis Hospitals, Inc., which will be d/b/a Chippenham Medical Center and Johnston-Willis Hospital.
2. Licensee contact: Marilyn Tavenner, CEO
Chippenham Medical Center
7101 Jahnke Road
Richmond, Va. 23225
Phone (804) 320-3911
Fax (804) 323-8049
3. Changes in personnel are those stated in Amendment request dated 1/12/96. Additionally, we would like to add Dr. John L. Thornton as an additional alternate Radiation Safety Officer.
- 4,5. Technically, there has been no change in ownership, therefore, there is no "transferor". The two hospitals campuses were "merged" under one Medicare license, and a single Tax ID number, 54-1779911. There is a single Board of Directors with Dr. John L. Thornton as President, a single Chief of Staff, Dr. Barry W. Burkhardt, and a single Chief Executive Officer, Marilyn B. Tavenner.
6. There are no planned changes in organization, location, facility, equipment, or procedures, other than those listed in the 1/12/96 amendment request.
7. There are no planned changes in use, possession, location or storage of licensed materials.
8. No changes other than those listed in the 1/12/96 license amendment request.
9. All surveillance items and records (e.g., calibrations, leak tests, surveys, inventories, and accountability requirements) will be current at time of license amendment approval.
10. Licensed activities will continue at the same locations:

| | |
|---|--|
| Johnston-Willis Hospital 1401 Johnston-Willis Drive Richmond, Va. 23235 | Chippenham Medical Center 7101 Jahnke Road Richmond, Va. 23225 |
|---|--|
11. Not applicable, there is no contamination and there will be no decommissioning of either locations.
12. Not applicable.
13. This statement is to confirm that: the licensee agrees to abide by all commitments and representations previously made to the NRC by both license entities. These include, but are not limited to: maintaining all required records, completing any corrective actions for any open inspection items and enforcement actions.

257012

CHIPPENHAM MEDICAL CENTER
7101 Jahnke Road
Richmond, Virginia 23225
Telephone (804) 320-3911
FAX (804) 323-8951 Main FAX
FAX (804) 323-8049 Administration

JOHNSTON-WILLIS HOSPITAL
1401 Johnston-Willis Drive
Richmond, Virginia 23235
Telephone (804) 330-2000
FAX (804) 330-2233 Main FAX
FAX (804) 330-2313 Administration

OFFICIAL RECORD COPY

MATERIALS LICENSE

Amendment No. 24

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, 36, 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.

| | | | |
|--|---|--|--|
| Licensee | | | |
| 1. Chippenham and Johnston-Willis Hospitals, Inc. d/b/a Chippenham Medical Center and Johnston-Willis Hospital 2. 7101 Jahnke Road Richmond, Virginia 23225 | | In accordance with the letter dated January 12, 1996 | |
| | | 3. License Number 45-15249-01 is amended in its entirety to read as follows: | |
| | | 4. Expiration Date January 31, 2005 (extended) | |
| | | 5. Docket or Reference No. 030-08805 | |
| 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. Any byproduct material identified in 10 CFR 35.100 | A. Any radiopharmaceutical identified in 10 CFR 35.100 | A. As needed | |
| B. Any byproduct material identified in 10 CFR 35.200 | B. Any radiopharmaceutical identified in 10 CFR 35.200 | B. As needed | |
| C. Iodine 131 | C. Any unsealed form for preparation and administration as specified in §35.300 | C. 55.5 gigabecquerels (1.5 curies) | |
| D. Any byproduct material with a half-life less than 120 days | D. Any form for uses described in §35.300 initially distributed pursuant to 10 CFR 32.72 or a specific license issued to the manufacturer by an Agreement State pursuant to equivalent State regulations. | D. As needed, not to exceed 3.7 gigabecquerels (100 millicuries) in any one container | |
| E. Any byproduct material identified in 10 CFR 35.400 | E. Any brachytherapy sources identified in 10 CFR 35.400 | E. As needed | |
| F. Any byproduct material identified in 10 CFR 35.500 | F. Any diagnostic source identified in 10 CFR 35.500 in a compatible device registered pursuant to 10 CFR 32.210 or an equivalent Agreement State regulation | F. As needed | |

11/20

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number 45-15249-01

Docket or Reference Number 45-08805

Amendment No. 24

| 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 |
|---|---|--|
| G. Any byproduct material identified in 10 CFR 31.11 | G. Prepackaged Kits | G. As needed |
| H. Strontium 90 | H. Sealed Source (Radiochemical Centre Model SIC.7) | H. 370 megabecquerels (10 millicuries) |
| I. Uranium depleted in isotope U-235 | I. Metal | I. 140 kilograms (309 pounds) |

9. Authorized Use:

A. For 7101 Jahnke Road, Richmond, Virginia 23225 location:

1. Medical use described in 10 CFR 35.100.
2. Medical use described in 10 CFR 35.200.
3. and 4. Any radiopharmaceutical therapy approved in 10 CFR 35.300.
5. Medical use described in 10 CFR 35.500.
6. *In vitro* studies.

B. For 1401 Johnston-Willis Road, Richmond, Virginia 23235 location:

1. Medical use described in 10 CFR 35.100.
2. Medical use described in 10 CFR 35.200.
3. Medical use described in 10 CFR 35.300.
4. Medical use described in 10 CFR 35.400.
5. Clinical *In vitro* studies.
6. For use in a Nuclear Enterprises Model 2503 Thimble Calibrator for the calibration of instruments.
7. For use as shielding in a linear accelerator.

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities located at 7101 Jahnke Road, Richmond, Virginia and 1401 Johnston-Willis Road, Richmond, Virginia.
11. The Radiation Safety Officer for this license is Lenna B. Deletis, or in her absence, John L. Thornton, M.D., for the 1401 Johnston-Willis Road, Richmond, Virginia location and Russell O. Briere, M.D., for the 7101 Jahnke Road, Richmond, Virginia location.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number 45-15249-01

Docket or Reference Number 45-08805

Amendment No. 24

(Continued)

CONDITIONS

12. Licensed material listed in Item 6 above shall be used by, or under the supervision of, the following individuals for the materials and uses indicated:

Authorized Users

Material and Use

- | | | |
|----|-----------------------------|---|
| A. | Russell O. Briere, M.D. | Licensed material in 10 CFR 35.100, §35.200, §35.300, §35.500 and §31.11. |
| B. | John L. Thornton, M.D. | Licensed material in 10 CFR 35.100, §35.200 and §35.500. |
| C. | Fabio Guterrez, M.D. | Licensed material in 10 CFR 35.100, §35.200 and §35.500. |
| D. | George W. Thomas, M.D. | Licensed material in 10 CFR 35.100, §35.200, §35.300 and §35.500. |
| E. | Jeffery Scott Roberts, M.D. | Licensed material in 10 CFR 35.300 and §35.400. |
| F. | Willard P. Milby, III, M.D. | Licensed material in 10 CFR 35.100, §35.300, §35.500, and §31.11 |
| G. | Lenna B. Deletis | Non-medical uses |
| H. | Hampton R. Bates, M.D. | Licensed material in 10 CFR 31.11, 35.100, 35.200 and Iodine 131 for treatment of hyperthyroidism, cardiac dysfunction and thyroid carcinoma. |
| I. | Richard Belgrad, M.D. | Licensed material in 10 CFR 35.300, 35.400, Strontium 90 as a sealed source for instrument calibration and Depleted Uranium for use as shielding in a linear accelerator. |
| J. | Khadijeh S. Zarkoob, M.D. | Licensed material in 10 CFR 35.300 and 35.400. |
| K. | Alfred Strash, Ph.D. | Non-medical use for Strontium 90 as a sealed source for instrument calibration. |

13. Sealed sources containing licensed material shall not be opened by the licensee.
14. In addition to the possession limits in item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35 for establishing decommissioning financial assurance.
15. The licensee shall maintain records of information important to safe and effective decommissioning at the licensee's facilities listed in Condition 10 pursuant to the provisions of 10 CFR 30.35(g) until this license is terminated by the Commission.
16. This license supersedes NRC License No. 45-02888-01 for Johnston-Willis Hospital that will be terminated concurrently upon issuance of this license amendment.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number 45-15249-01

Docket or Reference Number 030-08805

Amendment No. 24

(Continued)

CONDITIONS

17. 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, except for minor changes in the medical use radiation safety procedures as provided in 10 CFR 35.31. The 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 December 27, 1993 (Renewal Application)
 - B. Letters dated March 7, 1994, May 18, 1994, and November 16, 1994 (Submission and withdrawal of request to use HDR unit) [inadvertently dated January 9, 1994] (Supplemental information)
 - C. Letter dated January 9, 1995 [add \$35,300 for Dr. Thomas]
 - D. Letter dated July 7, 1995 [Request new RSO, add authorized user, add storage location]
 - E. Letter dated September 8, 1995 [Request source therapy deletion, release oncology area, move Stress department temporarily and permanently, release surveys]
 - F. Letter dated October 17, 1995 [Additional information about RSO designate]
 - G. Letter dated October 23, 1995 [Combine Chippenham Medical Center and Johnston-Willis Hospital Licenses]
 - H. Letter dated January 12, 1996 [Information regarding change of ownership]
 - I. Letter dated February 20, 1996 [Additional information regarding the combining of the two hospital licenses to include applicable procedures]
 - J. Letter dated April 19, 1996 [Facsimile providing additional information regarding the combining of the two hospital licenses to include clarification of procedures submitted; and Extension of expiration date in accordance with 10 CFR 30.36]
 - K. Letter dated May 29, 1996

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

EARL G. WRIGHT

DATE

MAY 30 1996

BY

Earl G. Wright

Region II, Division of Nuclear Materials Safety
101 Marietta Street, N.W., Suite 2900
Atlanta, Georgia 30323-0199