



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TEXAS 76011-8064**

February 7, 2000

MidAmerica HealthCare, Inc.  
dba Shawnee Regional Hospital  
ATTN: R. Eugene Hilton  
Radiation Safety Officer  
1102 West MacArthur  
Shawnee, OK 74804

**SUBJECT: LICENSE AMENDMENT**

Please find enclosed Amendment No. 32 to License No. 35-13058-01. You should review this license carefully and be sure that you understand all conditions. If you have any questions, you may contact me at 817-860-8132.

NRC expects licensees to conduct their programs with meticulous attention to detail and a high standard of compliance. Because of the serious consequences to employees and the public that can result from failure to comply with NRC requirements, you must conduct your radiation safety program according to the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate by NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers: Inspection and Investigations," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Notify NRC in writing of any change in mailing address.
3. By 10 CFR 30.36(b) and/or license condition, notify NRC, promptly, in writing, and request termination of the license:
  - a. When you decide to terminate all activities involving materials authorized under the license; or
  - b. If you decide not to complete the facility, acquire equipment, or possess and use authorized material.
4. Request and obtain a license amendment before you:
  - a. Change Radiation Safety Officers;
  - b. Order byproduct material more than the amount or form authorized on the license;
  - c. Add or change the areas or address(es) of use identified in the license application or on the license; or
  - d. Change the name or ownership of your organization.
5. Submit a complete renewal application or termination request at least 30 days before the expiration date on your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of radioactive material after your license expires is a violation of NRC regulations.

MidAmerica HealthCare, Inc.

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In addition, please note that NRC Form 313 requires the applicant, by signature, to verify that the applicant understands that all statements contained in the application are true and correct to the best of the applicant's knowledge. The signatory for the application should be the licensee or certifying official rather than a consultant.

NRC will periodically inspect your radiation safety program. Failure to conduct your program according to NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC may result in enforcement action against you. This could include issuance of a notice of violation; imposition of a civil penalty; or an order suspending, modifying, or revoking your license as specified in the "General Statement of Policy and Procedure for NRC Enforcement Actions" (Enforcement Policy), NUREG 1600.

Thank you for your cooperation.

Sincerely,

*/RA/*

Jacqueline D. Cook  
Health Physicist  
Nuclear Materials Licensing Branch

Docket: 030-02920  
License: 35-13058-01  
Control: 467688

Enclosures: As stated

License: 35-13058-01

Amendment: 32

Docket: 030-02920

Licensee: MidAmerica HealthCare, Inc.  
dba Shawnee Regional Hospital

Certification of Application Review for a Part 30, 40, and 70 License

I certify that I have reviewed the letter dated January 4, 2000, as supplemented by any letters referenced in the license in accordance with guidance provided by the Office of Nuclear Materials Safety and Safeguards applicable Standard Review Plan and associated checklist and have concluded that:

A. If the license is being terminated, I have received adequate documentation to demonstrate that all radioactive materials and contamination possessed under this license has been properly removed and the licensee's facilities are suitable for unrestricted use, or that the radioactive material is covered by another valid license.

B. For a  new license,  amendment, or  renewal:

- (1) The application is for a purpose authorized by the Act;
- (2) The applicant's proposed equipment and facilities are adequate to protect health and minimize danger to life or property;
- (3) The applicant is qualified by training and experience to use the material for the purpose requested in such manner as to protect health and minimize danger to life;
- (4) The applicant satisfies any special requirements contained in Parts 32-40 and 70; and
- (5) The application is not for commercial waste disposal by land burial or for any other activity which the Commission has determined will significantly affect the quality of the environment.

**ORIGINAL SIGNED BY**

**JACQUELINE D. COOK**

Health Physicist

February 7, 2000

Date

**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, 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.

<p style="text-align: center;">Licensee</p> <p>1. MidAmerica HealthCare, Inc. dba Shawnee Regional Hospital</p> <p>2. 1102 West MacArthur Shawnee, Oklahoma 74804</p>	<p>In accordance with letter dated January 4, 2000</p> <p>3. License number 35-13058-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date March 31, 2003</p> <hr/> <p>5. Docket No. 030-02920 Reference No.</p>
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| <p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material identified in 10 CFR 35.100</p> <p>B. Any byproduct material identified in 10 CFR 35.200</p> <p>C. Any byproduct material identified in 10 CFR 35.300</p> <p>D. Any byproduct material identified in 10 CFR 35.500</p> <p>E. Any byproduct material identified in 10 CFR 31.11</p> | <p>7. Chemical and/or physical form</p> <p>A. Any radiopharmaceutical identified in 10 CFR 35.100</p> <p>B. Any radiopharmaceutical identified in 10 CFR 35.200</p> <p>C. Any radiopharmaceutical identified in 10 CFR 35.300</p> <p>D. Sealed sources for diagnostic devices identified in 10 CFR 35.500</p> <p>E. Prepackaged Kits</p> | <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p> <p>C. 500 millicuries</p> <p>D. As needed</p> <p>E. As needed</p> |
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9. Authorized use

- A. Medical use described in 10 CFR 35.100.
- B. Medical use described in 10 CFR 35.200.
- C. Medical use described in 10 CFR 35.300.
- D. Medical use described in 10 CFR 35.500.
- E. In vitro studies.

CONDITIONS

- 10. Location of use: Shawnee Regional Hospital, 1102 West MacArthur Road, Shawnee, Oklahoma.
- 11. Radiation Safety Officer: R. Eugene Hilton.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
35-13058-01Docket or Reference Number  
030-02920

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## 12. Authorized Users:

- A. C. K. Wisdom, M.D., for material identified in 10 CFR 35.100, 35.200, 35.300, 35.500, and 31.11.
- B. William G. Phillips, M.D., for material identified in 10 CFR 35.100, 35.200, 35.300, 35.500, and 31.11.
- C. R. G. Wilson, M.D., for material identified in 10 CFR 35.100, 35.200, 35.300, 35.500, and 31.11.
- D. Clinton A. Medbery, III, M.D., for material identified in 10 CFR 35.300, 35.500, and 31.11.
- E. John R. Taylor, M.D., for material identified in 10 CFR 35.300, 35.500, and 31.11.
- F. C.W. Beam, M.D., for material identified in 10 CFR 35.100, 35.200, and 35.500.
- G. Charles C. Dunn, M.D., for material identified in 10 CFR 35.100, 35.200, and 35.300.
- H. Phung Kim Luong, M.D., for material identified in 10 CFR 35.100, 35.200, and 35.300.
- I. Stephen G. Salamy, M.D., for material identified in 10 CFR 35.100, 35.200, and 35.300.
- J. Howard Herberman, M.D., for material identified in 10 CFR 35.100, 35.200, and 35.300.
- K. Astrid Morrison, M.D., for material identified in 10 CFR 35.300.
- L. Marianne M. Young, M.D., for material identified in 10 CFR 35.300.
- M. Sudhir K. Gupta, M.D., for material identified in 10 CFR 35.200 limited to nuclear cardiology studies only.

13. 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(d) for establishing decommissioning financial assurance.

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14. 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 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 November 21, 1990
  - B. Letter dated December 7, 1992
  - C. Facsimile received March 2, 1993
  - D. Letter dated October 1, 1993
  - E. Letter dated December 13, 1993
  - F. Letter dated January 4, 1994
  - G. Letter dated November 6, 1995
  - H. Letter dated January 31, 1996
  - I. Letter dated December 4, 1996
  - J. Letter dated October 1, 1997
  - K. Letter dated September 8, 1999



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

**ORIGINAL SIGNED BY  
JACQUELINE D. COOK**Date February 7, 2000

By \_\_\_\_\_

Jacqueline D. Cook, Health Physicist  
Nuclear Materials Licensing Branch  
Region IV  
Arlington, Texas 76011