

APPENDIX F

Training Program

General Radiation Training Program

All individuals who in the course of employment are likely to receive an occupational dose in excess of 100 millirem (1mSv) in a year will be:

- Informed about the storage, transfer, or use of sources of radiation in the facility;
- Instructed in the health protection problems associated with exposure to radiation and the precautions or procedures to minimize such exposures, and the purposes and functions of protective devices employed;
- Instructed in and observed to the extent applicable the provisions of these regulations and licenses for the protection of personnel from exposures to radiation;
- Instructed of their responsibility to report promptly to the radiation safety officer (RSO) any condition that may cause a violation of the facility's license or any unnecessary exposure to radiation;
- Instructed in the appropriate response in the event of any unusual occurrence that may involve exposure to radiation; and
- Advised of the radiation exposure reports that workers are furnished pursuant to section 64E-5.903, F.A.C.
- Provided annual refresher training

All authorized users, nuclear medicine technologists, authorized medical physicists, radiation therapists, dosimetrists and nursing personnel as applicable will receive the training as described above. In addition the following categories of personnel will be trained:

Security Ancillary Housekeeping Others _____

The method of training will include the following:

Lectures Videos Self-study Demonstrations Other _____

Hazardous Material Training

All employees, whose duties require them to receive, handle or prepare hazardous radioactive material for transportation will receive training.

The training will include the following:

- ◆ **General awareness/familiarization training**, designed to provide familiarity with 49 CFR requirements and to enable the employee to recognize and identify hazardous materials;
- ◆ **Function-specific training**, concerning USDOT requirements which are specifically applicable to the functions the employee performs;
- ◆ **Safety training**, concerning emergency response information, measures to protect the employee from the hazards posed by materials, and methods and procedures for avoiding accidents.

Hazardous Material Training

- ◆ **Security awareness training**, concerning recognizing and responding to risks associated with hazardous materials transportation.

Training will be conducted prior to the employee performing transportation duties on hazardous material or within 90 days of employment provided they are directly supervised by a trained employee as required by 49CFR 172.700.

Training will be conducted every three years.

Training records will be maintained for the duration of employment, plus 90 days. Record of training must include the following information:

- ◆ The hazmat employee's name.
- ◆ The most recent training completion date.
- ◆ A description and copy, or the location of the training materials.
- ◆ The name and address of the person providing the training.
- ◆ Certification that the hazmat employee has been trained and tested as required.

The USDOT Transportation Safety Institute offers hazmat employee training classes and may be contacted through their website at <http://www.tsi.dot.gov/>.

The method of training will include the following:

Lectures Videos Self-study Demonstrations Other _____

Therapeutic Radiopharmaceuticals, Brachytherapy, Remote Afterloader and Teletherapy Training

As required in section 64E-5.625, F.A.C., all personnel caring for patients undergoing radiopharmaceutical therapy, brachytherapy and personnel who operate teletherapy equipment will receive the following training.

- ◆ Radiopharmaceutical therapy instructions include procedures for: patient care, visitor access, contamination control and waste disposal.
- ◆ Instructions for brachytherapy shall describe the following: size and appearance of the brachytherapy sources; safe handling and shielding instructions in case of a dislodged source; and procedures for patient and visitor control.
- ◆ Instructions for teletherapy will be physically located at the teletherapy console as required by 64E-5.636, F.A.C.
- ◆ Instructions for a Remote Afterloader will be physically located at the Remote Afterloader console as required by 64E-5.636, F.A.C.

Records will be maintained for individuals receiving instructions, and these records will include the date of instruction and the name of the individual who gave the instructions. Records will be maintained for three years.

The method of training will include the following:

Lectures Videos Self-study Demonstrations Other _____

Authorized User Training

Licensees who want to provide training to physicians and/or medical physicists to become authorized users and/or authorized medical physicists must submit their training program procedures and content for review prior to starting the training program.

All class room/on line (didactic) training programs must be pre-approved by the bureau as required by 404.071, Florida Statutes.

Work experience under the supervision of an authorized user or authorized medical physicist must meet the all of the requirements of 64E-5.608, F.A.C. and the specific requirements for each specialty of authorized use being sought as described in Subpart I of Part VI of 64E-5, F.A.C.

Forms for documentation of training and experience (Preceptor Attestation for Medical Authorized Users) for physicians and medical physicists to become authorized users and authorized medical physicists can be obtained from our website located at <http://www.doh.state.fl.us/environment/radiation/>.

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