

EXHIBIT E

INFORMATION FOR APPLICANTS TO CONSIDER WHEN DEVELOPING PROCEDURES FOR OPERATING RADIOGRAPHY EQUIPMENT

Crank-out Device

- Locate the source shield at the desired distance from the object to be radiographed.
- Mount the source tip firmly, using jigs or other attachments, with the tip in the exact exposure position.
- Locate the control unit at the maximum distance (25 feet) from the source shield with the control tubes laid out as straight as possible.
- Join the control cable to the unit following the manufacturer's instructions.
- Establish and post the restricted area and high radiation area.
- Unlock the device.
- Turn the hand crank steadily to move the source out of the source shield to the exposure position.
- Survey the perimeter of the restricted area to be sure that radiation levels do not exceed 2 millirem (0.02 mSv) in any one hour.
- Maintain continuous surveillance over the restricted area during an exposure, keeping all persons from entering.
- After completing the exposure, retract the source by turning the crank until the "safe" position is indicated.
- Survey the entire circumference of the device and the guide tube to determine that the source is in a shielded position.
- Lock the device and remove the key.

Source Exchange

Removing the Old Source

Caution: Always use a calibrated, operable radiation survey instrument while performing a source exchange.

1. Survey the shipping container upon receipt with a survey meter. Note that the surface reading should not exceed 200 millirem/hr (2 mSv/hr).
2. Attach the end of the source guide tube to the exposure device.
3. Connect the other end of the source guide tube to the empty side of the source changer.
4. Unlock the empty side of the source changer.
5. Unlock the camera and crank out the source from the camera into the source changer.
6. Survey the source changer and guide tube to verify that the source is in the safe position.
7. Lock the source changer.
8. Disconnect the source guide tube and drive cable to the source pigtail. Replace the dust cap on the source changer.
9. Remove the source identification plate from the exposure device and affix the plate to the side of the source changer loaded with the old source.

Installing the New Source

1. Remove the dust cap on the source changer lock body identified with the new source tag.
2. Align the camera and source guide tube with the source changer.
3. Connect the new source to the drive cable.
4. Connect the source guide tube to the source changer.
5. Unlock the source changer and retract the new source into the exposure device.
6. Survey the exposure device and guide tube to assure that the source is in the safe position.
7. Lock the exposure device.
8. Disconnect the source guide tube and drive accessories.
9. Affix the new source identification plate on the exposure device.