

APPENDIX B

Radiation Detection Instrumentation

SURVEY INSTRUMENTS

Survey instruments are calibrated before first use, at least every 12 months thereafter, and after repair.

When the primary instrument is out of service for calibration or repair, a calibrated survey instrument and probe with detection range equivalent to our primary instrument is accessible.

Section 64E-5.615, F.A.C., specifies a range from 0.1 millirem (1.0 μ Sv) per hour to 1,000 millirem (10 mSv) per hour. In addition, if a survey instrument is used to analyze contamination wipe surveys, the probe must have a maximum window thickness of 2.0 mg/cm² and a minimum probe diameter of 1.5 inches. At least one survey instrument must meet these specifications, if applicable.

Check appropriate box:

- Calibrations are performed in-house according to procedures specified in attached Appendix V.
- Calibrations are performed, other than in-house, by individuals identified on a radioactive materials license, the U.S. Nuclear Regulatory Commission, an agreement state or a licensing state to perform these services.

<u>Quantity</u>	<u>Manufacturer</u>	<u>Survey Meter Model No.</u>	<u>Min. to Max. Range in mR/hr</u>	<u>Probe Model No.</u>	<u>Minimum Probe Sensitivity</u>
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OTHER RADIATION DETECTION INSTRUMENTS

(dose calibrator, well counter, gamma camera, thyroid uptake probe, xenon trap monitor, electrometer and ion chamber, etc.)

<u>Type of Instrument</u>	<u>Manufacturer</u>	<u>Model Number</u>	<u>Serial Number</u>
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