**Section 335.7090 Therapy-related Computer Systems for Manual Brachytherapy**

The licensee shall:

a) Perform acceptance testing on the treatment planning system of therapy-related computer systems in accordance with published protocols accepted by nationally recognized bodies. At a minimum, the acceptance testing must include, as applicable, verification of:

1) The source-specific input parameters required by the dose calculation algorithm;

2) The accuracy of dose, dwell time, and treatment time calculations at representative points;

3) The accuracy of isodose plots and graphic displays; and

4) The accuracy of the software used to determine sealed source positions from radiographic images.

b) Maintain a record of acceptance testing and copies of the protocols used for acceptance testing in accordance with this Section for 5 years after discontinuation of use of the treatment planning system.

(Source: Added at 30 Ill. Reg. 9029, effective April 28, 2006)