

3701:1-58-70 **Therapy-related computer systems for remote afterloader units, teletherapy units, and gamma stereotactic radiosurgery units.**

The licensee shall 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:

- (A) The source-specific input parameters required by the dose calculation algorithm;
- (B) The accuracy of dose, dwell time, and treatment time calculations at representative points;
- (C) The accuracy of isodose plots and graphic displays;
- (D) The accuracy of the software used to determine sealed source positions from radiographic images; and
- (E) The accuracy of electronic transfer of the treatment delivery parameters to the treatment delivery unit from the treatment planning system.

Five Year Review (FYR) Dates: 06/12/2015 and 06/01/2020

CERTIFIED ELECTRONICALLY

Certification

06/12/2015

Date

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