Summation of Changes from the October 16, 2014, RPAC Meeting

Section	Revision
219.3	MRE for radiation-producing diagnostic or interventional machines: "interventional machines" revise to "interventional X-ray procedures."
219.3(i)	Definitions: MRE for diagnostic radiation-producing or interventional machines: revised to use 3 Gy peak skin dose. Committee recommends 5 Gy, SR-F records 2 Gy, we will compromise and use the substantial radiation dose level of 3 Gy.
219.3(ii)	Definitions: MRE for diagnostic radiation-producing or interventional machines: delete effective dose.
219.3(iii)	Definitions: MRE for diagnostic radiation-producing or interventional machines: Revise "diagnostic exam" to "procedure and deleted effective dose.
219.3(i)	Definitions: MRE for diagnostic radiation-producing therapy: Revise "wrong treatment modality or plan…" to "using a delivery intended for another patient."
219.229	Other medical reports: Revise "interventional radiation" to "interventional procedure."
221.2	Definitions: Alert value – delete the term "universal dose index."
221.2	Definitions: Diagnostic reference level - delete the word "consensus."
221.2	Definitions: Electron brachytherapy – delete the word "intraoperative."
221.2	Definitions: Kerma – redefine as "A measure of energy transferred from radiation to matter and stands for *kinetic energy released per unit mass*."
221.2	Definitions: Performance phantom – add definition.
221.2	Definitions: QMP – include additional credentials, other than only AAPM definition.
221.11(b)(1)	Registrant responsibilities: Include "registration" along with certification.
221.16	Training, Competency, and Continuing Education – addition of new section addressing training requirements.
221.35a(b)	Fluoroscopic X-ray systems: Eliminate the number of hour requirement.
221.35a(c)(1)	Fluoroscopic X-ray systems: substitute "full range" with "representative range."

221.63 OBI guidance systems: Revise to state the following “The QMP shall develop QC procedures and tolerances following nationally recognized standards or those accepted by the Department.”

221.65 CT systems: Correct references and clarify exemptions.

221.202(h)(4) Equipment requirements: Revise “0 ± 10 CT number units” to “0 ± 7.0 CT number units.”

221.202(h)(5) Equipment requirements: Add “or those established by the QMP.”

221.204(a)(4)(i) Performance evaluations, spot checks, and surveys: Delete “of table to gantry, table and gantry tilt.”

221.204(a)(4)(v) Performance evaluations, spot checks, and surveys: Delete linearity.

221.204(a)(4)(vi) Performance evaluations, spot checks, and surveys: Add “acquisition workstation.”

221.204(a)(4)(xii) Performance evaluations, spot checks, and surveys: Delete “Establish and”.

221.204(a)(4)(xiii) Performance evaluations, spot checks, and surveys: Delete “Establish and”.

221.204(a)(5) Performance evaluations, spot checks, and surveys: Delete “Calibration ” and replace with “Dose measurements”.

221.204(d) Records: Spot check records shall be maintained for 1 year.