SUBPART A: GENERAL INFORMATION

Section

335.10 Purpose and Scope

335.15 Incorporations by Reference

335.20 Definitions

335.30 License Required

335.35 Suppliers for Sealed Sources or Devices for Medical Use

335.40 License Amendments

335.45 Notifications

335.50 Written Directives (Repealed)

335.60 Provisions for the Protection of Human Research Subjects

SUBPART B: GENERAL ADMINISTRATIVE REQUIREMENTS

Section

335.1010 ALARA Program (Repealed)

335.1020 Radiation Safety Officer (Repealed)

335.1030 Radiation Safety Committee (Repealed)

335.1040 Authorities and Responsibilities for the Radiation Protection Program

335.1050 Supervision

335.1060 Authorized User and Visiting Authorized User

335.1070 Mobile Nuclear Medicine Service Administrative Requirements (Repealed)

335.1080 Report and Notification of a Medical Event

335.1090 Materials Authorized for Medical Use (Repealed)

335.1100 Report and Notification of a Dose to an Embryo/Fetus or a Nursing Child

335.1110 Written Directives

335.1120 Procedures for Administrations Requiring a Written Directive

SUBPART C: GENERAL TECHNICAL REQUIREMENTS

Section

335.2010 Possession, Use and Calibration of Instruments Used to Measure the Activity of Unsealed Radioactive Material

335.2020 Possession, Calibration and Check of Survey Instruments (Repealed)

335.2030 Assay of Radiopharmaceutical Dosages

335.2040 Authorization for Calibration, Transmission, Attenuation Correction and Reference Sources

335.2050 Requirements for Possession of Sealed Sources (Repealed)

335.2060 Labeling and Use of Vials and Syringes

335.2070 Vial Shields and Vial Shield Labels (Repealed)

335.2080 Monitoring for Contamination and Ambient Radiation Dose Rate

335.2090 Safety Instructions for Patients Not Hospitalized and Containing Therapeutic Doses of Radiopharmaceuticals or Permanent Implants (Repealed)

335.2100 Admission of Patients Being Treated with Radiopharmaceuticals or Permanent Implants (Repealed)

335.2110 Release of Individuals Containing Unsealed Radioactive Material or Implants Containing Radioactive Material

335.2120 Mobile Medical Service Requirements

335.2130 Storage of Volatiles and Gases (Repealed)

335.2140 Other Medical Uses of Radioactive Material or Radiation from Radioactive Material (Emerging Technologies)

335.2150 Additional Technical Requirements for Intravascular Brachytherapy Units

SUBPART D: UNSEALED RADIOACTIVE MATERIAL FOR UPTAKE, DILUTION AND EXCRETION STUDIES – WRITTEN DIRECTIVE NOT REQUIRED

Section

335.3010 Use of Unsealed Radioactive Material for Uptake, Dilution and Excretion Studies for Which a Written Directive is Not Required

SUBPART E: UNSEALED RADIOACTIVE MATERIAL FOR IMAGING AND LOCALIZATION STUDIES FOR WHICH A WRITTEN DIRECTIVE IS NOT REQUIRED

Section

335.4010 Use of Unsealed Radioactive Material for Imaging and Localization Studies for Which a Written Directive is Not Required

335.4020 Permissible Concentrations of Molybdenum-99, Strontium-82 and Strontium-85

335.4030 Control of Aerosols and Gases (Repealed)

SUBPART F: UNSEALED RADIOACTIVE

MATERIAL – WRITTEN DIRECTIVE REQUIRED

Section

335.5010 Use of Unsealed Radioactive Material for Which a Written Directive is Required

335.5020 Safety Instruction

335.5030 Safety Precautions

SUBPART G: SEALED SOURCES FOR DIAGNOSIS

Section

335.6010 Use of Sealed Sources for Diagnosis

SUBPART H: MANUAL BRACHYTHERAPY

Section

335.7010 Use of Sealed Sources for Brachytherapy

335.7020 Safety Instruction

335.7030 Safety Precautions

335.7040 Accountability and Security of Brachytherapy Sources

335.7050 Discharge of Patients Treated With Temporary Implants (Repealed)

335.7060 Surveys After Source Implant and Removal

335.7070 Calibration Measurements of Brachytherapy Sources

335.7080 Decay of Brachytherapy Sources

335.7090 Therapy-related Computer Systems for Manual Brachytherapy

335.7100 Strontium-90 Sources for Ophthalmic Treatments

SUBPART I: REMOTE AFTERLOADER UNITS,

TELETHERAPY UNITS AND

GAMMA STEREOTACTIC RADIOSURGERY UNITS

Section

335.8010 Use of a Sealed Source in Remote Units, Teletherapy Units or Gamma Stereotactic Radiosurgery Units

335.8020 Installation, Maintenance, Adjustment and Repair Restrictions

335.8030 Amendments to Teletherapy Licenses (Repealed)

335.8040 Safety Procedures and Instructions for Remote Afterloader Units, Teletherapy Units and Gamma Stereotactic Radiosurgery Units

335.8050 Safety Precautions for Remote Afterloader Units, Teletherapy Units and Gamma

Stereotactic Radiosurgery Units

335.8060 Radiation Monitoring Device for Teletherapy Units and Gamma Stereotactic Radiosurgery Units

335.8070 Viewing System for Teletherapy (Repealed)

335.8080 Dosimetry Equipment

335.8090 Full Calibration Measurements for Teletherapy

335.8100 Periodic Spot-Checks for Teletherapy

335.8110 Radiation Monitoring

335.8120 Safety Checks for Teletherapy Facilities (Repealed)

335.8130 Modification of Teletherapy Unit or Room Before Beginning a Treatment Program (Repealed)

335.8140 Reports of Teletherapy Monitoring, Checks, Tests and Measurements (Repealed)

335.8150 Full-Inspection Servicing for Teletherapy and Gamma Stereotactic Radiosurgery Units

335.8160 Full Calibration Measurements on Remote Afterloader Units

335.8170 Periodic Spot-Checks for Remote Afterloader Units

335.8180 Monitoring of Patients and Human Research Subjects Treated with a Remote Afterloader Unit or Intravascular Brachytherapy Unit

335.8190 Full Calibration Measurements on Gamma Stereotactic Radiosurgery Units

335.8200 Periodic Spot-Checks for Gamma Stereotactic Radiosurgery Units

335.8210 Additional Technical Requirements for Mobile Remote Afterloader Units

335.8220 Additional Technical Requirements for Intravascular Brachytherapy Units (Repealed)

335.8230 Therapy-related Computer Systems for Remote Afterloader Units, Teletherapy Units and Gamma Stereotactic Units

SUBPART J: TRAINING AND EXPERIENCE REQUIREMENTS

Section

335.9010 Training for Radiation Safety Officer and Associate Radiation Safety Officer

335.9020 Training for Experienced Radiation Safety Officer (Repealed)

335.9030 Training for Uptake, Dilution or Excretion Studies

335.9040 Training for Imaging and Localization Studies

335.9050 Training for Use of Unsealed Radioactive Material for Which a Written Directive is Required

335.9060 Training for the Oral Administration of Sodium Iodide I-131 Requiring a Written Directive in Quantities Less Than or Equal to 1.22 GBq (33 mCi)

335.9070 Training for the Oral Administration of Sodium Iodide I-131 Requiring a Written Directive in Quantities Greater Than 1.22 GBq (33 mCi)

335.9080 Training for the Parenteral Administration of Unsealed Radioactive Material Requiring a Written Directive

335.9090 Training for Therapeutic Use of Colloidal Chromic Phosphorus-32 Labeled Phosphate Compound or Gold-198 (Repealed)

335.9100 Training for Use of Manual Brachytherapy Sources

335.9120 Training for Ophthalmic Use of Strontium-90

335.9130 Training for Use of Sealed Sources for Diagnosis

335.9140 Training for Use of Remote Afterloader Units, Teletherapy Units and Gamma Stereotactic Radiosurgery Units

335.9150 Training for Authorized Medical Physicist

335.9160 Training for Experienced Radiation Safety Officer, Authorized Medical Physicist or Authorized User

335.9170 Physician Training in a 3-Month Program (Repealed)

335.9180 Recentness of Training

335.9190 Resolution of Conflicting Requirements During Transition Period

335.APPENDIX A List of Specialty Board Certifications Recognized by the Agency Until October 24, 2007 (Repealed)