Food and Drug Administration, HHS

Duties of this committee could be assigned to an already-existing committee such as the Radiation Safety Committee. In smaller facilities, all staff members should participate in the committee’s tasks. The Quality Assurance Committee should report directly to the head of the radiology department, or, in facilities where more than one department operates x-ray equipment, to the chief medical officer of the facility. The committee should meet on a regular basis.

(10) Review. The facility’s quality assurance program should be reviewed by the Quality Assurance Committee and/or the practitioner in charge to determine whether its effectiveness could be improved. Items suggested for inclusion in the review include:

(i) The reports of the monitoring and maintenance techniques to ensure that they are being performed on schedule and effectively. These reports should be reviewed at least quarterly.

(ii) The monitoring and maintenance techniques and their schedules to ensure that they continue to be appropriate and in step with the latest developments in quality assurance. They should be made current at least annually.

(iii) The standards for image quality to ensure that they are consistent with the state-of-the-art and the needs and resources of the facility. These standards should be evaluated at least annually.

(iv) The results of the evaluations of the effectiveness of the quality assurance actions to determine whether changes need to be made. This determination should be made at least annually.

(v) The quality assurance manual should also be reviewed at least annually to determine whether revision is needed.

§ 1000.60 Recommendation on administratively required dental x-ray examinations.

(a) The Food and Drug Administration recommends that dental x-ray examinations be performed only after careful consideration of the dental or other health needs of the patient, that is, when the patient’s dentist or physician judges them to be necessary for diagnosis, treatment, or prevention of disease. Administratively required dental x-ray examinations are those required by a remote third party for reasons not related to the patient’s immediate dental needs. These x-ray examinations are usually a source of unnecessary radiation exposure to the patient. Because any unnecessary radiation exposure should be avoided, third parties should not require dental x-ray examinations unless they can demonstrate that such examinations provide a direct clinical benefit to the patient, and the patient’s dentist or physician agrees with that assessment.

(b) Some examples of administrative x-ray examinations that should not be required by third parties are those intended solely:

(1) To monitor insurance claims or detect fraud;

(2) To satisfy a prerequisite for reimbursement;

(3) To provide training or experience;

(4) To certify qualifications or competence.

(c) This recommendation is not intended to preclude dental x-ray examinations ordered by the attending practitioner, based on the patient’s history or physical examination, or those performed on selected populations shown to have significant yields of previously undiagnosed disease. This recommendation is also not intended to preclude the administrative use by third parties of dental radiographs that are taken on the order of the patient’s dentist or physician as a necessary part of the patient’s clinical care.

[45 FR 40978, June 17, 1980]
§ 1002.1

Subpart B—Required Manufacturers’ Reports for Listed Electronic Products

1002.10 Product reports.
1002.11 Supplemental reports.
1002.12 Abbreviated reports.
1002.13 Annual reports.

Subpart C—Manufacturers’ Reports on Accidental Radiation Occurrences

1002.20 Reporting of accidental radiation occurrences.

Subpart D—Manufacturers’ Records

1002.30 Records to be maintained by manufacturers.
1002.31 Preservation and inspection of records.

Subpart E—Dealer and Distributor Records

1002.40 Records to be obtained by dealers and distributors.
1002.41 Disposition of records obtained by dealers and distributors.
1002.42 Confidentiality of records furnished by dealers and distributors.

Subpart F—Exemptions From Records and Reports Requirements

1002.50 Special exemptions.
1002.51 Exemptions for manufacturers of products intended for the U.S. Government.


Source: 38 FR 28625, Oct. 15, 1973, unless otherwise noted.

Subpart A—General Provisions

§ 1002.1 Applicability.

(a) All manufacturers of electronic products are subject to §1002.20.

(b) Manufacturers, dealers, and distributors of electronic products are subject to the provisions of part 1002 as set forth in table 1 of this section, unless excluded by paragraph (c) of this section, or unless an exemption has been granted under §1002.50 or §1002.51.

(c) The requirements of part 1002 as specified in table 1 of this section are not applicable to:

(1) Manufacturers of electronic products intended solely for export if such product is labeled or tagged to show that the product meets all the applicable requirements of the country to which such product is intended for export.

(2) Manufacturers of electronic products listed in table 1 of this section if such product is sold exclusively to other manufacturers for use as components of electronic products to be sold to purchasers, with the exception that the provisions are applicable to those manufacturers certifying components of diagnostic x-ray systems pursuant to provisions of §1020.30(c) of this chapter.

(3) Manufactures of electronic products that are intended for use by the U.S. Government and whose function or design cannot be divulged by the manufacturer for reasons of national security, as evidenced by government security classification.

(4) Assemblers of diagnostic x-ray equipment subject to the provisions of §1020.30(d) of this chapter, provided the assembler has submitted the report required by §1020.30(d)(1) or (d)(2) of this chapter and retains a copy of such report for a period of 5 years from its date.

TABLE 1—RECORD AND REPORTING REQUIREMENTS BY PRODUCT

<table>
<thead>
<tr>
<th>Products</th>
<th>Manufacturer</th>
<th>Dealer &amp; Distributor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Product reports</td>
<td>Supplemental reports</td>
</tr>
<tr>
<td>DIAGNOSTIC X-RAY</td>
<td>§ 1002.10</td>
<td>§ 1002.11</td>
</tr>
<tr>
<td>Computed tomography</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>X-ray system</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Tube housing assembly</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>X-ray control</td>
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<td>X</td>
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<tr>
<td>X-ray High voltage generator</td>
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<td>X</td>
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### TABLE 1—RECORD AND REPORTING REQUIREMENTS BY PRODUCT—Continued

<table>
<thead>
<tr>
<th>Products</th>
<th>Manufacturer</th>
<th>Dealer &amp; Distributor</th>
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<tbody>
<tr>
<td></td>
<td>Product reports § 1002.10</td>
<td>Supplemen-tary reports § 1002.11</td>
</tr>
<tr>
<td>X-ray table or cradle</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>X-ray film changer</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Vertical cassette holders mounted in a fixed location and cassette holders with front panels</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Beam-limiting devices</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Spot-film devices and image intensifiers manufactured after April 26, 1977</td>
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<td>X</td>
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<tr>
<td>Cephalometric devices manufactured after February 25, 1978</td>
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<td>X</td>
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<tr>
<td>Image receptor support devices for mammographic X-ray systems manufactured after September 5, 1978</td>
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<td>X</td>
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<tr>
<td>CABINET X-RAY (§ 1020.40)</td>
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<td></td>
</tr>
<tr>
<td>Baggage inspection</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Other</td>
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<td>X</td>
</tr>
<tr>
<td>PRODUCTS INTENDED TO PRODUCE PARTICULATE RADIATION OR X-RAYS OTHER THAN DIAGNOSTIC OR CABINET DIAGNOSTIC X-RAY</td>
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<td></td>
</tr>
<tr>
<td>Medical</td>
<td>X</td>
<td>X</td>
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<td>Analytical</td>
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<td>X</td>
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<tr>
<td>Industrial</td>
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<td>X</td>
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<td>TELEVISION PRODUCTS (§ 1020.10)</td>
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<td></td>
</tr>
<tr>
<td>&lt;25 kilovolt (kV) and &lt;0.1 milliroentgen per hour (mR/hr) IRLC 5,6</td>
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<tr>
<td>≥25kV and &lt;0.1mR/hr IRLC 5,6</td>
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<td>MICROWAVE/RF</td>
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<td>MW ovens (§ 1030.10)</td>
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<td>X</td>
</tr>
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<td>MW diathermy</td>
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<td>X</td>
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<tr>
<td>MW heating, drying, security systems</td>
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<td>X</td>
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<td>RF sealers, electromagnetic induction and heating equipment, dielectric heaters (2–500 megahertz)</td>
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<td>OPTICAL</td>
<td></td>
<td></td>
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<tr>
<td>Phototherapy products</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Laser products (§§ 1040.10, 1040.11)</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Class I lasers and products containing such lasers</td>
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<tr>
<td>Class II lasers and products containing such lasers</td>
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<td>X</td>
</tr>
<tr>
<td>Class IIIa, IIIa, IIIa lasers</td>
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<td>X</td>
</tr>
<tr>
<td>Class IIIa, IIIa, IIIa lasers and products other than class I products containing such lasers</td>
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<td>X</td>
</tr>
<tr>
<td>Class IIIb and IV lasers and products containing such lasers</td>
<td>X</td>
<td>X</td>
</tr>
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<td>Sunlamp products (§ 1040.20)</td>
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<tr>
<td>Lamps only</td>
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</tr>
<tr>
<td>Sunlamp products</td>
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<td>X</td>
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<tr>
<td>Mercury vapor lamps (§ 1040.30)</td>
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<td>X</td>
</tr>
<tr>
<td>T lamps</td>
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<td>X</td>
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<tr>
<td>R lamps</td>
<td>X</td>
<td>X</td>
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<tr>
<td>ACOUSTIC</td>
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<td></td>
</tr>
<tr>
<td>Ultrasonic therapy (1050.10)</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Diagnostic ultrasonography</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>
§ 1002.2 [Reserved]

§ 1002.3 Notification to user of performance and technical data.

The Director and Deputy Director of the Center for Devices and Radiological Health, as authorized under delegated authority, may require a manufacturer of a radiation emitting electronic product to provide to the ultimate purchaser, at the time of original purchase, such performance data and other technical data related to safety of the product as the Director or Deputy Director finds necessary.

[69 FR 17292, Apr. 2, 2004]

§ 1002.4 Confidentiality of information.

The Secretary or his representative shall not disclose any information reported to or otherwise obtained by him, pursuant to this part, which concerns or relates to a trade secret or other matter referred to in section 1905 of title 18 of the United States Code, except that such information may be disclosed to other officers or employees of the Department and of the other agencies concerned with carrying out the requirements of the Act. Nothing in this section shall authorize the withholding of information by the Secretary, or by any officers or employees under his control, from the duly authorized committees of the Congress.

[60 FR 48382, Sept. 19, 1995; 61 FR 13423, Mar. 27, 1996]

§ 1002.7 Submission of data and reports.

All submissions such as reports, test data, product descriptions, and other information required by this part, or voluntarily submitted to the Director, Center for Devices and Radiological Health, shall be filed with the number of copies as prescribed by the Director, Center for Devices and Radiological Health, and shall be signed by the person making the submission. The submissions required by this part shall be addressed to the Food and Drug Administration, Center for Devices and Radiological Health, ATTN: Electronic Product Reports, Document Mail Center, 10903 New Hampshire Ave., Bldg. 66, rm. G609, Silver Spring, MD 20993–0002.

(a) In addition to the requirements of this part, all material submitted to the Director, Center for Devices and Radiological Health, shall be submitted pursuant to the provisions of part 20—Public Information, of this chapter.

(b) Where guides or instructions have been issued by the Director for the submission of material required by this part, such as test data, product reports, abbreviated reports, supplemental reports, and annual reports, the material submitted shall conform to the applicable reporting guides or instructions. Where it is not feasible or where it would not be appropriate to conform to any portion of a prescribed reporting...
Food and Drug Administration, HHS

§ 1002.10

Every manufacturer of a product or component requiring a product report as set forth in table 1 of §1002.1 shall submit a product report to the Food and Drug Administration, Center for Devices and Radiological Health, ATTN: Electronic Product Reports, Document Mail Center, 10903 New Hampshire Ave., Bdg. 66, rm. 6609, Silver Spring, MD 20993–0002, prior to the introduction of such product into commerce. The report shall be distinctly marked “Radiation Safety Product Report of (name of manufacturer)” and shall:

(a) Identify which listed product is being reported.

(b) Identify each model of the listed product together with sufficient information concerning the manufacturer’s code or other system of labeling to enable the Director to determine the place of manufacture.

(c) Include information on all components and accessories provided in, on, or with the listed product that may affect the quantity, quality, or direction of the radiation emissions.

(d) Describe the function, operational characteristics affecting radiation emissions, and intended and known uses of each model of the listed product.

(e) State the standard or design specifications, if any, for each model with respect to electronic product radiation safety. Reference may be made to a Federal standard, if applicable.

(f) For each model, describe the physical or electrical characteristics, such as shielding or electronic circuitry, incorporated into the product in order to meet the standards or specifications reported pursuant to paragraph (e) of this section.

(g) Describe the methods and procedures employed, if any, in testing and measuring each model with respect to electronic product radiation safety. Include the basis for selecting such testing and quality control procedures.

(h) For those products which may produce increased radiation with aging, describe the methods and procedures used, and frequency of testing of each model for durability and stability with respect to electronic product radiation safety. Include the basis for selecting such methods and procedures, or for determining that such testing and quality control procedures are not necessary.

(i) Provide sufficient results of the testing, measuring, and quality control procedures described in accordance with paragraphs (g) and (h) of this section to enable the Director to determine whether the manufacturer

(j) Provide, upon request, such other information as the Director may reasonably require to determine whether the manufacturer
§ 1002.11 Supplemental reports.

Prior to the introduction into commerce of a new or modified model within a model or chassis family of a product listed in table 1 of §1002.1 for which a report under §1002.10 is required, each manufacturer shall submit a report with respect to such new or modified model describing any changes in the information previously submitted in the product report. Reports will be required for changes that:

(a) Affect actual or potential radiation emission.

(b) Affect the manner of compliance with a standard or manner of testing for radiation safety.

§ 1002.12 Abbreviated reports.

Manufacturers of products requiring abbreviated reports as specified in table 1 of §1002.1 shall submit, prior to the introduction of such product, a report distinctly marked “Radiation Safety Abbreviated Report” which shall include:

(a) Firm and model identification.

(b) A brief description of operational characteristics that affect radiation emissions, transmission, or leakage or that control exposure.

(c) A list of applications or uses.

(d) Radiation emission, transmission, or leakage levels.

(e) If necessary, additional information as may be requested to determine compliance with the Act and this part.

§ 1002.13 Annual reports.

(a) Every manufacturer of products requiring an annual report as specified in table 1 of §1002.1 shall submit an annual report summarizing the contents of the records required to be maintained by §1002.30(a) and providing the volume of products produced, sold, or installed.

(b) Reports are due annually by September 1. Such reports shall cover the 12-month period ending on June 30 preceding the due date of the report.

(c) New models of a model family that do not involve changes in radiation emission or requirements of a performance standard do not require supplemental reports prior to introduction into commerce. These model numbers should be reported in quarterly updates to the annual report.

Subpart C—Manufacturers’ Reports on Accidental Radiation Occurrences

§ 1002.20 Reporting of accidental radiation occurrences.

(a) Manufacturers of electronic products shall, where reasonable grounds for suspecting that such an incident has occurred, immediately report to the Director, Center for Devices and Radiological Health, all accidental radiation occurrences reported to or otherwise known to the manufacturer and arising from the manufacturing, testing, or use of any product introduced or intended to be introduced into commerce by such manufacturer. Reasonable grounds include, but are not necessarily limited to, professional, scientific, or medical facts or opinions documented or otherwise, that conclude or lead to the conclusion that such an incident has occurred.

(b) Such reports shall be addressed to Food and Drug Administration, Center for Devices and Radiological Health, ATTN: Accidental Radiation Occurrence Reports, Document Mail Center, 10903 New Hampshire Ave., Bldg. 66, rm. G609, Silver Spring, MD 20993–0002, and the reports and their envelopes shall be distinctly marked “Report on 1002.20” and shall contain all of the following information where known to the manufacturer:

(1) The nature of the accidental radiation occurrence;

(2) The location at which the accidental radiation occurrence occurred;

(3) The manufacturer, type, and model number of the electronic product or products involved;

(4) The circumstances surrounding the accidental radiation occurrence, including causes;

(5) The number of persons involved, adversely affected, or exposed during
Subpart D—Manufacturers’ Records

§ 1002.30 Records to be maintained by manufacturers.

(a) Manufacturers of products listed under table 1 of §1002.1 shall establish and maintain the following records with respect to such products:

(1) Description of the quality control procedures with respect to electronic product radiation safety.

(2) Records of the results of tests for electronic product radiation safety, including the control of unnecessary, secondary or leakage electronic product radiation, the methods, devices, and procedures used in such tests, and the basis for selecting such methods, devices, and procedures.

(3) For those products displaying aging effects which may increase electronic product radiation emission, records of the results of tests for durability and stability of the product, and the basis for selecting these tests.

(4) Copies of all written communications between the manufacturer and dealers, distributors, and purchasers concerning radiation safety including complaints, investigations, instructions, or explanations affecting the use, repair, adjustment, maintenance, or testing of the listed product.

(5) Data on production and sales volume levels if available.

(b) In addition to the records required by paragraph (a) of this section, manufacturers of products listed in table 1 of §1002.1 shall establish and maintain the following records with respect to such products:

(1) A record of the manufacturer’s distribution of products in a form which will enable the tracing of specific products or production lots to distributors or to dealers in those instances in which the manufacturer distributes directly to dealers.

(2) Records received from dealers or distributors pursuant to §1002.41.


§ 1002.31 Preservation and inspection of records.

(a) Every manufacturer required to maintain records pursuant to this part, including records received pursuant to §1002.41, shall preserve such records for a period of 5 years from the date of the record.

(b) Upon reasonable notice by an officer or employee duly designated by the Department, manufacturers shall permit such officer or employee to inspect appropriate books, records, papers, and documents as are relevant to determining whether the manufacturer has acted or is acting in compliance with Federal standards.

(c) Upon request of the Director, Center for Devices and Radiological Health, a manufacturer of products listed in table 1 of §1002.1 shall submit to the Director, copies of the records.

§ 1002.40 Records to be obtained by dealers and distributors.
(a) Dealers and distributors of electronic products for which there are performance standards and for which the retail price is $50 or more shall obtain such information as is necessary to identify and locate first purchasers if the product is subject to this section by virtue of table 1 of §1002.1.
(b) Such information shall include:
(1) The name and mailing address of the distributor, dealer, or purchaser to whom the product was transferred.
(2) Identification and brand name of the product.
(3) Model number and serial or other identification number of the product.
(4) Date of sale, award, or lease.
(c) The information obtained pursuant to this section shall be forwarded immediately to the appropriate manufacturer of the electronic product, or preserved as prescribed in §1002.41.

§ 1002.41 Disposition of records obtained by dealers and distributors.
(a) Information obtained by dealers and distributors pursuant to §1002.40 shall immediately be forwarded to the appropriate manufacturer unless:
(1) The dealer or distributor elects to hold and preserve such information and to immediately furnish it to the manufacturer when advised by the manufacturer or the Director, Center for Devices and Radiological Health, that such information is required for purposes of section 535 of the Act; and
(2) The dealer or distributor, upon making the election under paragraph (a)(1) of this section, promptly notifies the manufacturer of such election; such notification shall be in writing and shall identify the dealer or distributor and the electronic product or products for which the information is being accumulated and preserved.
(b) Every dealer or distributor who elects to hold and preserve information required pursuant to §1002.40 shall preserve the information for a period of 5 years from the date of the sale, award, or lease of the product, or until the dealer or distributor discontinues dealing in, or distributing the product, whichever is sooner. If the dealer or distributor discontinues dealing in, or distributing the product, such information as obtained pursuant to §1002.40 shall be furnished at that time, or before, to the manufacturer of the product.

§ 1002.42 Confidentiality of records furnished by dealers and distributors.
All information furnished to manufacturers by dealers and distributors pursuant to this part shall be treated by such manufacturers as confidential information which may be used only as necessary to notify persons pursuant to section 535 of the Act.

Subpart F—Exemptions From Records and Reports Requirements
§ 1002.50 Special exemptions.
(a) Manufacturers of electronic products may submit to the Director a request, together with accompanying justification, for exemption from any requirements listed in table 1 of §1002.1. The request must specify each requirement from which an exemption is requested. In addition to other information that is required, the justification must contain documented evidence showing that the product or product type for which the exemption is requested does not pose a public health risk and meets at least one of the following criteria:
(1) The products cannot emit electronic product radiation in sufficient intensity or of such quality, under any conditions of operation, maintenance,
service, or product failure, to be hazardous;
(2) The products are produced in small quantities;
(3) The products are used by trained individuals and are to be used by the same manufacturing corporation or for research, investigation, or training.
(4) The products are custom designed and used by trained individuals knowledgeable of the hazards; or
(5) The products are produced in such a way that the requirements are inappropriate or unnecessary.
(b) The Director may, subject to any conditions that the Director deems necessary to protect the public health, exempt manufacturers from all or part of the record and reporting requirements of this part on the basis of information submitted in accordance with paragraph (a) of this section or such other information which the Director may possess if the Director determines that such exemption is in keeping with the purposes of the Act.
(c) The Director will provide written notification of the reason for any denial. If the exemption is granted, the Director will provide written notification of:
(1) The electronic product or products for which the exemption has been granted;
(2) The requirements from which the product is exempted; and
(3) Such conditions as are deemed necessary to protect the public health and safety. Copies of exemptions shall be available upon request from the Food and Drug Administration, Center for Devices and Radiological Health, Division of Mammography Quality and Radiation Programs, 10903 New Hampshire Ave., Bldg. 66, rm. 4521, Silver Spring, MD 20993–0002.
(d) The Director may, on the Director’s own motion, exempt certain classes of products from the reporting requirements listed in table 1 of §1002.1, provided that the Director finds that such exemption is in keeping with the purposes of the act.
(e) Manufacturers of products for which there is no applicable performance standard under parts 1020 through 1050 of this chapter and for which an investigational device exemption has been approved under §812.30 of this chapter or for which a premarket approval application has been approved in accordance with §814.44(d) of this chapter are exempt from submitting all reports listed in table 1 of §1002.1.
§ 1002.51 Exemptions for manufacturers of products intended for the U.S. Government.

Upon application therefor by the manufacturer, the Director, Center for Devices and Radiological Health, may exempt from the provisions of this part a manufacturer of any electronic product intended for use by departments or agencies of the United States provided such department or agency has prescribed procurement specifications governing emissions of electronic product radiation and provided further that such product is of a type used solely or predominantly by departments or agencies of the United States.

§ 1003.1 Applicability.
§ 1003.2 Defect in an electronic product.
§ 1003.5 Effect of regulations on other laws.
§ 1003.10 Discovery of defect or failure of compliance by manufacturer; notice requirements.
§ 1003.11 Determination by Secretary that product fails to comply or has a defect.
§ 1003.20 Notification by the manufacturer to the Secretary.
§ 1003.21 Notification by the manufacturer to affected persons.
§ 1003.22 Copies of communications sent to purchasers, dealers, or distributors.
§ 1003.30 Application for exemption from notification requirements.
§ 1003.31 Granting the exemption.