

Part XV. Radiation Protection

Chapter 5. Radiation Safety Requirements for Industrial Radiographic Operations

Subchapter B. Personal Radiation Safety Requirements for Radiographers

§579. Identification (I.D.) Cards for Radiographers or Radiographer Trainees

A. Issuance

1. An I.D. card shall be issued to each person who successfully completes the requirements of LAC 33:XV.575.A or B.
2. A radiographer I.D. card shall contain the radiographer's photograph. The department will take the photograph at the time the examination is administered. The radiographer trainee I.D. card does not require a photograph.
3. An I.D. card remains the property of the state of Louisiana and may be revoked or suspended under the provisions of this Section.
4. Any individual who wishes to replace his/her I.D. card shall submit to the Office of Environmental Compliance a written request for a replacement I.D. card, stating the reason a replacement I.D. card is needed. A non-refundable fee of \$29 shall be paid to the department for each replacement of an I.D. card. The prescribed fee shall be submitted with the written request for a replacement I.D. card. The individual shall maintain a copy of the request in his/her possession while performing industrial radiographic operations until a replacement I.D. card is received from the department.

B. Expiration of I.D. Card. Each I.D. card is valid for a period of five years, unless revoked or suspended in accordance with LAC 33:XV.579. Each I.D. card expires at the end of the day indicated on the I.D. card.

C. Renewal of a Radiographer I.D. Card

1. Applications for examination to renew an I.D. card shall be filed in accordance with LAC 33:XV.575.A.
2. The examination for renewal of an I.D. card shall be administered in accordance with LAC 33:XV.575.
3. A renewal I.D. card shall be issued in accordance with this Section.

D. Renewal of a Radiographer Trainee I.D. Card

1. Applications for a renewal radiographer trainee I.D. card shall be filed in accordance with LAC 33:XV.575.B.
2. A renewal I.D. card shall be issued in accordance with this Section.

E. Revocation or Suspension of an I.D. Card

1. Any radiographer or radiographer trainee who violates these Rules may be required to show cause at a formal hearing why his or her I.D. card should not be revoked or suspended in accordance with these regulations.
2. When a department order has been issued for an industrial radiographer or radiographer trainee to cease and desist from the use of sources of radiation or the department revokes or suspends his or her I.D. card, the industrial radiographer or radiographer trainee shall surrender the I.D. card to the department until the order is changed or the suspension expires.

Chapter 25. Fee Schedule

§2501. Scope and Purpose

- A. It is the purpose of these regulations to establish a fee system for funding the monitoring, investigation, and other activities required to be conducted for the maintenance of a safe and healthful environment by the Department of Environmental Quality in accordance with the Louisiana Environmental Quality Act (R.S. 30:2101 et

seq.). Fees are required for all permits, licenses, registrations, and variances authorized by the Act.

§2502. Authority

- A. These regulations provide fees as required by R.S. 30:2014(B), R.S. 30:2106, and R.S. 30:2115.

§2503. Definitions

- A. All terms used in these rules, unless the context otherwise requires or unless specifically defined in the Louisiana Environmental Quality Act, or in other regulations promulgated by the administrative authority or his or her predecessor, shall have their usual meanings.

§2504. Application Fees

- A. Each application or amendment thereto for which a fee is prescribed shall be accompanied by a remittance in the full amount of the fee. No application or amendment thereto shall be accepted or processed prior to payment of the full amount specified. No permit, license, registration, or variance shall be issued, unless otherwise authorized by the administrative authority, until such check or draft has been accepted by the bank or drawee and the department's account has been credited with the amount of the fee in full.
- B. Payment of the prescribed annual fee does not automatically renew the license, certificate, registration, or approval for which the fee is paid. License renewal applications must be filed in accordance with LAC 33:XV.333.A. The accompanying renewal fee must be submitted with a full license renewal application every nine years.

§2505. Annual Fees

- A. All activities for which an annual fee is provided shall be subject to the payment of such fee by the due date indicated on the invoice, except that any fee in excess of \$50,000, upon written application to, and approval of, the administrative authority, may be paid in installments over a period not to exceed six months, according to a payment schedule established by the administrative authority.

§2506. Reciprocal Agreements—Licenses and Registrants

- A. Persons operating within Louisiana under the provisions of LAC 33:XV.212 or LAC 33:XV.390 shall submit to the Office of Environmental Compliance the annual fee of the applicable category before the first entry into the state. The fee will allow reciprocal recognition of the license or registration for one year from the date of receipt.

§2507. Reimbursements

- A. One-half of the annual fee will be reimbursed to the licensee or registrant upon receipt of a written request to terminate the license or registration, provided that the

request has been received by the Office of Environmental Compliance within 180 days after the annual fee due date, and the fee has not been delinquent. Requests for termination of the license or registration received after 180 days of the annual fee due date will not entitle the licensee or registrant to reimbursement of any portion of the annual fee. No interest, legal or otherwise, will be paid on the funds withheld prior to reimbursement.

- B. One-half of the application fee will be reimbursed to the licensee or registrant upon receipt of a written request from the applicant to withdraw an application prior to final approval. In the case of the denial of an application, for whatever reason, one half of the application fee will be refunded. No interest, legal or otherwise, will be paid on the funds withheld prior to reimbursement.

§2508. Determination of Fee

- A. The fee for each applicable category is listed in LAC 33:XV.2599.Appendix A.
- B. In the case of licenses that authorize more than one activity, the total fee will be for the activity assigned the higher fee.
- C. Licenses that are amended and that result in a change in the LAC 33:XV.2599.Appendix A category to a more costly license shall be assessed the entire fee for that type of license effective with the amendment without regard to any fees already paid.
- D. Electronic products that are in storage are subject to the same initial application fee and annual maintenance fee unless the X-ray unit is rendered permanently incapable of producing radiation and this fact is documented in writing to the Office of Environmental Compliance.
- E. Electronic products that are no longer possessed by the registrant (e.g., sold, donated, or transferred) shall not be subject to the annual maintenance fee, provided written documentation is received by the invoice due date, which includes the name, address, and telephone number to whom possession was transferred.

§2509. Methods of Payment

- A. All payments made by check, draft, or money order shall be made payable to the Department of Environmental Quality, and mailed to the department at the address provided on the invoice.
- B. Electronic Methods of Payment
 - 1. Persons wishing to make payments using the electronic pay method shall access the department's website and follow the instructions provided on the website.
 - 2. Persons wishing to make payments using the electronic funds transfer (EFT) method shall contact the Office of Management and Finance for further instructions.
- C. Cash is not an acceptable form of payment.

§2510. Late Payment Fee

- A. Payments not received within 15 days of the due date will be charged a late payment fee.
- B. Any late payment fee shall be calculated from the due date indicated on the invoice.
- C. Payments not received by the department by:

1. the fifteenth day from the due date will be assessed a 5 percent late payment fee on the original assessed fee;
2. the thirtieth day from the due date will be assessed an additional 5 percent late payment fee on the original assessed fee; and
3. the sixtieth day from the due date will be assessed an additional 5 percent late payment fee on the original assessed fee.

§2511. Failure to Pay

- A. Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.

§2512. Effective Date

- A. The fees prescribed herein shall be effective on August 20, 1995 or upon publication in the Louisiana Register as adopted.

§2513. Multiple Locations

- A. Those persons possessing licenses or registrations that name multiple locations where sources of radiation are stored, used, or otherwise possessed, shall be subject to an additional fee of 10 percent of the annual maintenance fee for each such location within the state of Louisiana, not to exceed an amount equal to the annual maintenance fee.

§2599. Appendix A

| Appendix A—Radiation Protection Program Fee Schedule | | |
|---|--|-----------------------------------|
| | New/Renewal Application Fee | Annual Maintenance Fee |
| I. Radioactive Material Licensing | | |
| A. Medical licenses: | | |
| 1. Therapy: | | |
| a. Teletherapy | \$807 | \$807 |
| b. Brachytherapy | \$807 | \$807 |
| 2. Nuclear medicine diagnostic only | \$995 | \$995 |
| 3. Nuclear medicine diagnostic/therapy | \$1,067 | \$1,067 |
| 4. Nuclear pacemaker implantation | \$400 | \$400 |
| 5. Eye applicators | \$400 | \$400 |
| 6. In-vitro studies or radioimmunoassays or calibration sources | \$400 | \$400 |
| 7. Processing or manufacturing and distribution of radiopharmaceuticals | \$1,569 | \$1,336 |
| 8. Mobile nuclear medicine services | \$1,569 | \$1,336 |
| 9. "Broad scope" medical licenses | \$1,569 | \$1,336 |
| 10. Manufacturing of medical devices/sources | \$1,830 | \$1,525 |

| Appendix A–Radiation Protection Program Fee Schedule | | |
|--|------------------------------------|-------------------------------|
| | New/Renewal Application Fee | Annual Maintenance Fee |
| 11. Distribution of medical devices/sources | \$1,372 | \$1,140 |
| 12. All other medical licenses | \$444 | \$444 |
| B. Source material licenses: | | |
| 1. For mining, milling, or processing activities, or utilization which results in concentration or redistribution of naturally occurring radioactive material | \$7,928 | \$7,928 |
| 2. For the concentration and recovery of uranium from phosphoric acid as "yellow cake" (powered solid) | \$3,965 | \$3,965 |
| 3. For the concentration of uranium from or in phosphoric acid | \$1,983 | \$1,983 |
| 4. All other specific "source material" licenses | \$400 | \$400 |
| C. Special nuclear material (SNM) licenses: | | |
| 1. For use of SNM in sealed sources contained in devices used in measuring systems | \$610 | \$610 |
| 2. SNM used as calibration or reference sources | \$400 | \$400 |
| 3. All other licenses or use of SNM in quantities not sufficient to form a critical mass, except as in I.A.4, I.C.1, and 2 | \$400 | \$400 |
| D. Industrial radioactive material licenses: | | |
| 1. For processing or manufacturing for commercial distribution | \$7,841 | \$5,903 |
| 2. For industrial radiography operations performed in a shielded radiography installation(s) or permanently designated areas at the address listed in the license | \$1,336 | \$1,053 |
| 3. For industrial radiography operations performed at temporary jobsite(s) of the licensee | \$3,935 | \$2,963 |
| 4. For possession and use of radioactive materials in sealed sources for irradiation of materials where the source is not removed from the shield and is less than 10,000 Curies | \$1,983 | \$995 |
| 5. For possession and use of radioactive materials in sealed sources for irradiation of materials when the source is not removed from the shield and is greater than 10,000 Curies, or where the source is removed from the shield | \$3,935 | \$1,968 |
| 6. For distribution of items containing radioactive material | \$1,983 | \$1,983 |
| 7. Well-logging and subsurface tracer studies: | | |
| a. Collar markers, nails, etc. for orientation | \$400 | \$400 |

| Appendix A–Radiation Protection Program Fee Schedule | | |
|--|-----------------------------|------------------------|
| | New/Renewal Application Fee | Annual Maintenance Fee |
| b. Sealed sources less than 10 Curies and/or tracers less than or equal to 500 mCi | \$1,184 | \$1,184 |
| c. Sealed sources of 10 Curies or greater and/or tracers greater than 500 mCi but less than 5 Curies | \$1,983 | \$1,983 |
| d. Field flood studies and/or tracers equal to or greater than 5 Curies | \$2,977 | \$2,977 |
| 8. Operation of a nuclear laundry | \$7,856 | \$3,935 |
| 9. Industrial research and development of radioactive materials or products containing radioactive materials | \$995 | \$995 |
| 10. Academic research and/or instruction | \$807 | \$807 |
| 11. Licenses of broad scope: | | |
| a. Academic, industrial, research and development, total activity equal to or greater than 1 Curie | \$1,983 | \$1,983 |
| b. Academic, industrial, research and development, total activity less than 1 Curie | \$1,184 | \$1,184 |
| 12. Gas chromatographs, sulfur analyzers, lead analyzers, or similar laboratory devices | \$400 | \$400 |
| 13. Calibration sources equal to or less than 1 Curie per source | \$400 | \$400 |
| 14. Level or density gauges | \$610 | \$610 |
| 15. Pipe wall thickness gauges | \$807 | \$807 |
| 16. Soil moisture and density gauges | \$610 | \$610 |
| 17. NORM decontamination/maintenance: | | |
| a. at permanently designated areas at the location(s) listed in the license | \$4,574 | \$3,812 |
| b. at temporary jobsite(s) of the licensee | \$4,574 | \$4,574 |
| 18. Commercial NORM storage | \$3,812 | \$3,812 |
| 19. All other specific industrial licenses except as otherwise noted | \$807 | \$807 |
| 20. Commercial NORM treatment | \$18,296 | \$15,246 |
| E. Radioactive waste disposal licenses: | | |
| 1. Commercial waste disposal involving burial | \$1,029,105 | \$1,029,105 |
| 2. Commercial waste disposal involving incineration of vials containing liquid scintillation fluids | \$7,841 | \$3,935 |
| 3. All other commercial waste disposal involving storage, packaging and/or transfer | \$3,935 | \$3,935 |
| 4. Commercial naturally occurring radioactive materials waste disposal | \$23,000 | \$20,000 |
| F. Civil defense licenses | \$480 | \$400 |
| G. Teletherapy service company license | \$1,983 | \$1,983 |
| H. Consultant licenses: | | |

| Appendix A–Radiation Protection Program Fee Schedule | | |
|---|-----------------------------|------------------------|
| | New/Renewal Application Fee | Annual Maintenance Fee |
| 1. No calibration sources | \$196 | \$114 |
| 2. Possession of calibration sources equal to or less than 500 mCi each | \$291 | \$196 |
| 3. Possession of calibration sources greater than 500 mCi | \$400 | \$291 |
| 4. Installation and/or servicing of medical afterloaders | \$531 | \$458 |
| II. Electronic Product Registration | | |
| 1. Medical diagnostic X-ray (per registration) | \$129 | \$129 |
| 2. Medical therapeutic X-ray (per registration): | | |
| a. below 500 kVp | \$305 | \$305 |
| b. 500 kVp to 1 MeV (including accelerator and Van deGraaf) | \$610 | \$610 |
| c. 1 MeV to 10 MeV | \$916 | \$916 |
| d. 10 MeV or greater | \$1,220 | \$1,220 |
| 3. Dental X-ray (per registration) | \$115 | \$106 |
| 4. Veterinary X-ray (per registration) | \$115 | \$115 |
| 5. Educational institution X-ray (teaching unit, per registration) | \$190 | \$115 |
| 6. Industrial accelerator (includes Van de Graaf machines and neutron generators) | \$610 | \$610 |
| 7. Industrial radiography (per registration) | \$305 | \$305 |
| 8. All other X-ray (per registration) except as otherwise noted | \$138 | \$138 |
| III. General Licenses | | |
| A. NORM (Operators reporting contamination by field will be invoiced for all wellheads in the field. Operators reporting contamination by wellhead will be invoiced only for contaminated units.) | | |
| 1. Contaminated wellheads per wellhead | \$125 | \$125 |
| 2. Stripper wells-contaminated per wellhead | \$125 | \$125 |
| 3. NORM locations (other than fields): | | |
| a. gas plants, pipeyards, chemical plant, refinery | \$458 | \$458 |
| b. warehouses, pipeline, manufacturing plant, NORM equipment storage site, etc. | \$458 | \$458 |
| 4. Interim container storage per NORM Waste Management Plan of an approved location | | \$1,525 |
| 5. NORM location as otherwise defined in LAC 33:XV.1403 and not exempted by LAC 33:XV.1404, not included in III.A.1-4 of this Appendix | \$153 | \$153 |
| B. Tritium sign | \$109 | \$0 |
| C. All other general licenses which require registration | \$153 | \$153 |

| Appendix A–Radiation Protection Program Fee Schedule | | |
|--|--------------------------------|---------------------------|
| | New/Renewal Application Fee | Annual Maintenance Fee |
| IV. Reciprocal Recognition | | |
| The fee for reciprocal recognition of a license or registration from another state or the NRC is the annual fee of the applicable category. The fee covers activities in the state of Louisiana for one year from the date of receipt. | | |
| V. Shielding Evaluation (per room) | | |
| A. Diagnostic | \$153 | * |
| B. Therapeutic (below 500 kVp) | \$230 | * |
| C. Therapeutic (500 kVp to 1 MeV) | \$378 | * |
| D. Therapeutic (1 MeV to 10 MeV) | \$531 | * |
| E. Therapeutic (10 MeV or greater) | \$1,148 | * |
| F. Industrial and industrial radiography | \$531 | * |
| VI. Device, Product, or Sealed Source Evaluation | | |
| A. Device evaluation (each) | \$5,000 | * |
| B. Sealed source design evaluation (each) | \$2,000 | * |
| C. Update sheet | \$500 | * |
| VII. Testing | | |
| Testing to determine qualifications of employees, per test administered | \$196 | * |
| VIII. Nuclear Electric Generating Station | | |
| Located in Louisiana | | \$432,696 |
| Located near Louisiana (Plume Exposure Pathway Emergency Planning Zone —includes area in Louisiana) | | \$313,632 |
| Uranium Enrichment Facility | | \$76,230 |
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