

2. 1 percent of the consignments on board with value above Le. 30,000, 000.00 (thirty million Leones)

Category C: Extra copy of radiography analysis certificate. Each extra certified copy of the radioactivity analysis certificate issued under category A and B of this schedule for the same consignment shall be charged Le 40,000 . 00 (forty thousand Leones)

MADE this 12th day of May, 2013.

OLUNIYI ROBBIN-COKER,
Minister of Energy.

STATUTORY INSTRUMENT

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*THE NUCLEAR SAFETY AND RADIATION PROTECTION
ACT, 2012
(Act No. 7 of 2012)*

THE NUCLEAR SAFETY AND RADIATION PROTECTION
(FEES AND CHARGES) REGULATIONS, 2013

Short title.

IN EXERCISE of the powers conferred upon him by section 35 of the Nuclear safety and Radiation Protection Act, 2012, the Minister hereby makes the following Regulations—

PART I - PRELIMINARY

1. In these Regulations, unless the context otherwise requires— Interpretation.

“Act” means the Nuclear Safety and Radiation Protection Act, 2012 (Act No. 7 of 2012)

“Category one” includes all extremely dangerous radioactive material which if not properly handled would cause permanent injury to a person handling it or have contact with it within a few minutes;

“Category two” includes dangerous radioactive material which if not safely managed or securely protected could possibly be fatal within a period of several hours or a day.

“Category three” includes dangerous radioactive material which if not safely managed or securely protected could possibly cause permanent injury to person handling it or have contact with it within a period of several days”

“Authority” means the Nuclear Safety and Radiation Protection Authority established by section 3 of the Nuclear Safety and Radiation Protection Act;

“Minister: means the Minister responsible for energy matters;

“pre-authorisation” means pre-authorisation for new practices only;

“prospecting” means all processes or activities or activities undertaken for the purpose of determining or discovering whether there are deposits of radioactive ore in a given site or area.

Application 2. These Regulations shall apply to all activities, practices and services to which the regulatory and promotional functions of the authority applies.

PARTII–CHARGEABLE SERVICES AND PRACTICES

Licence fee for radiation practices. 3. The Authority shall charge fees in respect of every licence granted under the Act in the manner prescribed in the First Schedule

Fees and charges for follow-up inspections. 4. (1) The Authority shall, in respect of every practice to which Regulation 4 applies, upon receipt of application for licence, charge a pre-authorization or safety assessment and inspection fees in respect of that practice.

(2) The Authority may, in addition to the fees charged under sub-regulation (1), and depending on the nature of the practice in question, charge a follow up inspection fees which shall be 70 percent of the pre-authorization or safety assessment inspection fees.

(3) The fees and amount of charges for pre-authorization and safety assessment inspection shall be as prescribed in the Second Schedule.

Fees and charges for other related activities or services. 5. (1) The Authority may, by agreement, provide services related to its authorized functions such services may be chargeable in the manner prescribed in the Third Schedule.

Fees and charges for prospecting, exploration, mining and radioactive ores. 6. (1) A person who intends to undertake any authorised activity relating to prospecting, mining, processing and transport of mineral ores containing radioactive contaminations radioactive ores or uranium shall, before undertaking that activity, pay fees to the Authority in the manner prescribed in the Fourth Schedule.

7. (1) A person who intends to undertake any authorised activity relating to export of any material or device, including mineral ores, scrap metals, radioactive ores with the possibility of radioactive contamination shall, before shipment obtain radiation clearance and pay fees to the Authority in the manner prescribed in the Fifth Schedule. Fees and charges for possible radioactive contamination.

8. (1) The Authority shall charge fees for analysis of any foodstuffs, consumables and environmental samples for radioactivity pursuant to paragraph (o) of subsection (2) of section 48 of the Nuclear Safety and Radiation Protection Act, 2012. Fees for analysis of foodstuffs, etc.

(2) The fees chargeable under this Regulation shall be in the manner prescribed in the Sixth Schedule.

9. The fees and charges are subject to review without notice. Fees subject to review.

FIRST SCHEDULE

FEEES FOR LICENSING OF VARIOUS PRACTICES

(a) (Medical Applications (Radiation Generating devices and radiation Sources))

Type of equipment and or practice(s)	Fees/Charges
1. Authorization to use and or possess medical diagnostic equipment	
(a) X-ray machine and dermatology	1,000,000.00 Leones
(b) CT Scanner	2,000,000.00 Leones
2. Authorization to import medical diagnostic equipment	
(a) X-ray machine and dermatology	500,000.00 Leones
(b) Computed tomography scanner	700,000.00 Leones
3. Authorization to export medical diagnostic equipment	
(a) X-ray machine and dermatology	1,000,000.00 Leones
(b) Computed tomography scanner	1,200,000.00 Leones

	Type of equipment and or practice(s)	Fees/Charges
4.	Authorization to use and or possess therapeutic (teletherapy and brachytherapy) and biological irradiation facilities.	2,000,000.00 Leones
5.	Authorization to import therapeutic and biological irradiation facilities	3,000,000.00 Leones
6.	Authorization to export therapeutic and biological irradiation facilities	10,000,000.00 Leones
7.	Annual fees for a license to sell, lease, loan or deal with radiation generative devices or materials or sources	2,000,000.00 Leones
8.	Application for modification of radiation device or premises.	1,000,000.00 Leones
9.	Annual License fees for authorizing an engineer or technologist technician to install, service or maintain irradiation device	500,000.00 Leones
10.	Registration of qualified experts (administer ionizing radiation to patients)	500,000.00 Leones

(b) Industrial Irradiation Facilities and Nuclear Installations

	Type of Equipment and or Practice(s)	Fees/Charges
1.	Authorization to use and or possess industrial irradiation & nuclear reactors	5,000,000.00 Leones
2.	Authorization to use or possess fixed or portable nuclear gauges for level measurement, density measurement, thickness control, moisture measurement and control and in-stem analysis sureties.	1,000,000.00 Leones
3.	Authorization to use and or possess X-ray and or radioactive materials for non-destructive testing	2,000,000.00 Leones

	Type of equipment and or practice(s)	Fees/Charges
4.	Authorization to transfer radioactive material to another use whether by hiring or selling	2,000,000.00 Leones
5.	Authorization to transport Category 1 to 4 radioactive material within and on transit through Sierra Leone	5,000,000.00 Leones
6.	Authorizations to transport nuclear materials through and within the country	1,000,000.00 Leones
7.	Authorization to import or export fixed or portable nuclear gauges for level detection, density measurement thickness control moisture measurement and control and in-stream analysis of slurries	1,000,000.00 Leones
8.	Authorization to use and or possess X-ray equipment used for level detection, sorting of materials and x-ray fluorescence.	2,000,000.00 Leones
9.	Authorization to import and or Export Linear accelerator or radioactive device for non-destructive testing and cargo or container inspection	5,000,000.00 Leones
10.	Authorization to import and or export X-ray equipment used for Level detection and sorting of minerals	1,000,000.00 Leones
11.	Authorization to import and or export industrial irradiation sources	2,000,000.00 Leones
12.	Authorization to import and or export X-ray fluorescence, X-ray diffraction and neutron activation analysis	3,000,000.00 Leones
13.	Authorization to use and or possess linear accelerators and or devices with radioactive sources for cargo and or container inspection	5,000,000.00 Leones

Type of Equipment and or Practice(s)	Fees/Charges
14. Authorization for modification of radiation device or premises	1,000,000.00 Leones
15. Annual License fees for authorizing an engineer or technologist technician to install, service or maintain irradiation device or radioactive material	1,000,000.00 Leones

(c) Teaching and Research

Type of equipment and or Practice(s)	Fees/Charges
1. Authorization to use and or possess X-ray fluorescence, X-ray diffraction and neutron activation analysis	1,000,000.00 Leones
2. Authorization to use and or possess teaching and or educational radiation sources	1,000,000.00 Leones
3. Authorization to use and or possess unsealed sources used for research teaching and nuclear medicine	1,000,000.00 Leones
4. Authorization to import and or export unsealed sources used for research teaching and nuclear medicine.	1,500,000.00 Leones
5. Authorization to import and or export teaching and or educational radiation sources other than unsealed radioactive sources	1,000,000.00 Leones
6. Authorization to import and or export soil samples containing uranium ores and other radioactive ores.	3,000,000.00 Leones

SECOND SCHEDULE

**PRE-AUTHORISATION FEES AND SAFETY ASSESSMENT
INSPECTION FEES**

Type of equipment and or Practice(s)	Fees/Charges
1. Assessment or inspection of a diagnostic radiology X-ray Unit (except Mammography and CT Scanner)	2,000,000.00 Leones
2. Assessment or inspection of a duo diagnostic (Machine which have both conventional and fluoroscopy) fluoroscopic and mammography units	3,000,000.00 Leones
3. Assessment or inspection of a computed tomography scanner	4,000,000.00 Leones
4. Assessment or inspection of a radiation generating equipments (Radiotherapy devices, nuclear medicine facilities etc.)	8,000,000.00 Leones
5. Assessment or inspection of a baggage screening and mineral sorting radiation devices	4,000,000.00 Leones
6. Assessment or inspection of a X-ray or Gamma units for non destructive testing (NDT)	8,000,000.00 Leones
7. Assessment or inspection of a linear accelerators and or devices with radioactive sources for cargo and or container inspection and other uses	10,000,000.00 Leones
8. Assessment or inspection of an industry irradiator	10,000,000.00 Leones

Type of Equipment and or Practice(s)	Fees/Charges
9. Assessment or inspection of a biological irradiator	10,000,000.00 Leones
10. Assessment or Inspection of a fixed or Portable nuclear gauge	4,000,000.00 Leones
11. Assessment or inspection of a teaching and or education radiation sources.	2,000,000.00 Leones
12. Inspection of a nuclear analytical Techniques, X-rays fluorescent analysis and X-ray diffraction equipment	4,000,000.00 Leones
13. Assessment of the plan for any Nuclear Power Plant and or nuclear research reactor	20,000,000.00 Leones
14. Safety assessment inspection to sell, lease, loan or deal with radiation generating equipment and or device containing radioactive material.	10,000,000.00 Leones
15. Safety assessment inspection of radioactive waste materials . (lower)	10,000,000.00 Leones
16. Safety assessment inspection of radioactive waste materials . (Intermediate)	15,000,000.00 Leones
17. Safety assessment inspection of radioactive waste materials . (high)	15,000,000.00 Leones
18. Safety assessment inspection of radioactive waste management facility	25,000,000.00 Leones
19. Safety assessment inspection for modification or change of an industrial premises	5,000,000.00 Leones

THIRDSCHEDULE

FEEES FOR RELATED ACTIVITIES AND SERVICES

Type of Practice or Service	Fees/Charges
1. Provide structural design and layout of diagnostic X-ray facilities	5,000,000.00 Leones
2. Review of radiation shielding (external beam radiation)	5,000,000.00 Leones
3. Quality control tests of diagnostic X-ray equipment per equipment conventional radiography	2,000,000.00 Leones
Radiographic mammography & fluoroscopy	2,000,000.00 Leones
CT Scanner	3,000,000.00 Leones
4. Testing of integrity of package of radioactive sources for transport	5,000,000.00 Leones
5. Conducting radiation leak test per equipment	2,000,000.00 Leones
6. Radiation training service per package for medical health workers maximum 10 participant	8,000,000.00 Leones
7. Radiation training service per package for industrial workers maximum 10 participant	15,000,000.00 Leones
8. Laboratory analysis of thermo luminescent dosimeter monitoring per badge	100,000.00 Leones
9. Consultations	8,000,000.00 Leones minimum

FOURTH SCHEDULE**FEEES AND CHRGES FOR ACTIVITIES RELATING TO PROSPECTING EXPLORATION, MINING AND PROCESSING OF RADIOACTIVE ORES**

<u>Type of Practice</u>	<u>Fees /Charges</u>
1. Prospecting radioactive ore	20,000,000.00 Leones
2. Sitting and construction of a mine and or processing facility	28,000,000.00 Leones
3. Mining and processing of radioactive Ore	20,000,000.00 Leones
4. Transport of concentrated radioactive ore	25,000,000.00 Leones
5. Verification in respect of decommissioning of radioactive ore mine and its processing facilities	30,000,000.00 Leones
6. Geological samples	2,000,000.00 Leones

FIFTH SCHEDULE**RADIATION CLEARANCE CERTIFICATE AND SERVICES**

1. Radiation clearance certificate for scrap metals per container	50,000.00 Leones
2. Radiation clearance Inspection of scrap metals per container	100,000.00 Leones
3. Radiation clearance certificate for mineral ores (export) (* Above 10,000 tons) maximum radiation level 0.20 μ sv/h	2,500,000.00 Leones

4. Radiation clearance inspection of mineral ores (export) (* Above 10,000 tons) maximum radiation level 0.20 μ sv/h	200.00 Leones per metric ton
5. Radiation clearance certificate mineral ores (export) (* Above 10,000 tons) minimum radiation level 0.21 μ sv/h	3,000,000.00 Leones
6. Radiation clearance inspection of mineral ores (export) (* Above 10,000 tons) minimum radiation level 0.21 μ sv/h	250.00 Leones per metric tons
Safety assessment certificate for mineral ores (export) 0 – 10,000 NORM	2,000,000.00 Leones
7. Safety assessment inspection of mineral ores (export) 0 – 10,000 NORM	12,000,000.00 Leones

SIXTH SCHEDULE**RADIOACTIVITY ANALYSIS FEES**

Category A: Fees for all imported foodstuffs and fertilizers shall be charged as follows–

1. Le. 50,000.00 (fifty thousand Leones) for consignment on board value shall not exceed thirty million Leones
2. 0.5 percent of the value of consignment on board with value above Le. 30,000, 000.00 (thirty million Leones)

Category B: Fees for all exported foodstuffs and fertilizers all exported unprocessed products (raw materials) and exported relief foods shall be charged as follows -

1. Le. 50,000.00 (fifty thousand Leones) for consignment on board value shall not exceed Le. 30,000, 000.00 (thirty million Leones)