

## Atomic Energy Council, Executive Yuan

### License Application for Nuclear Fuel

## 1. Applicant:

Individual: Name \_\_\_\_ Date of birth \_\_\_\_ DD \_\_\_\_ MM \_\_\_\_ YY ID number \_\_\_\_\_

Address: \_\_\_\_\_

Name of establishment (company) \_\_\_\_\_

Address: \_\_\_\_\_ Number \_\_\_\_\_ Alley \_\_\_\_\_ Lane \_\_\_\_\_ section \_\_\_\_\_ road (street) \_\_\_\_\_ district (township) \_\_\_\_\_ county (City) \_\_\_\_\_ Province (City) \_\_\_\_\_

Name of person in charge \_\_\_\_\_ Title \_\_\_\_\_

Is the company under the control of a foreign individual or institute? Yes \_\_\_\_ No \_\_\_\_

## 2. Number of license already obtained (Do not fill out if this is the first application.)

Reasons of application for modified items of record on license:

## 3. Purpose of application and deadline:

Purpose:

Deadline: from \_\_\_\_ DD \_\_\_\_ MM \_\_\_\_ YY to \_\_\_\_ DD \_\_\_\_ MM \_\_\_\_ YY, Republic of China

## 4. Item of application

Type of task	Name of nuclear fuel	Specification		Quantity	Work place	Name of staff
		Isotope composition	Chemical and physical mode			

Please fill in the following table if new nuclear fuel is generated during operation.

Work type of new fuel generated	Name of nuclide of the new fuel	Estimated quantity	Method of processing	Notes

Project of applicant task implemented

## 5. Status of preservation

Name of nuclear fuel	Specifications	Quantity	Location of storage	Storage equipment	Person in charge

## 6. Status of staff

### (1) Working staff

Name	Title	Gender	Date of birth	Protection training of ionizing radiation				Work experience with ionization radiation			
				Type of training	Authority of training	Deadline	With or without Credential	Work unit	Work nature	Deadline	With or without Credential

### (2) Radiation protection personnel

Name	Title	Gender	Date of birth	Protection training of ionizing radiation				Work experience with ionization radiation			
				Type of training	Authority of training	Deadline	With or without Credential	Work unit	Work nature	Deadline	With or without Credential

## 7. Radiation detection and regular safety equipment

### (1) Radiation detection instrument

Name of instrument	Model	Manufacturer		Quantity	Instrument function		Instrument calibration			Notes
		Name	Address		Kind of radiation for detection and examination	Scope of detection and examination	Unit of implementation	Calibration	Period of calibration	

### (2) Safety Equipment

Name of equipment	Model	Manufacturer		Equipment function	Notes
		Name	Address		

## 8. Staff surveillance

Title of equipment	Model	Manufacturer		Equipment function	Notes
		Name	Address		

## 9. Equipment and facilities of the work place:

These include operation tools, remote gears, barrier facility, ventilation facility, hand-glove work tool-box, radiation signs, walls and flooring surface materials, fire and flood prevention, deployment as well as the

plant's layout and diagrams with charts attached for explanation.

10. Radiation protection and safety plan:

Work projects and control measures for radiation protection include contamination detection for staff and the work place of the area surveillance plan, work radiation intensity check of the work place and its neighboring rooms, maintenance and repair of equipment and tools, and time lapse of check and prevention work to inspect work procedures of tests and accidents, especially the prevention of criticality events and management, as well as the surveillance equipment for prevention of environment contamination.

11. Processing plan for radioactive waste:

It will, in detail, explain form, type, quantity, radiation intensity, and processing procedures of radioactive waste; if radioactive waste is commissioned to another institute of transportation for handling, the name and address of the servicing institute should be explained, as well as packaging conditions.

12. Emergency evacuation plan: the emergency evacuation plan in the event of various kinds of accidents will be explained in detail.

13. Financial conditions: (this will be ordered by the Atomic Energy Council to submit when necessary).

14. For those who are in possession of nuclear fuels, such as uranium-235, uranium-233, and plutonium, with a total weight reaching more than 5 kgs and they are not used in a nuclear reactor or sealed radioactive sources, they should fill in the complete material control and accounting process, including:

1. Procedures of take over, storage, and transportation of nuclear fuel.
2. Procedure for use and processing of nuclear fuel.
3. Procedure in deciding "loss management."
4. Record and report procedure of nuclear fuel.
5. Actual inventory taking and determining procedure and its frequency.
6. Guaranteed administrative control to assure the above procedures are adequately implemented.

15. Certification:

The applicant guarantees that the content in this application is true, and should any falsehood be found, the applicant is willing to accept any punishment as regulated by this law.

Applicant: \_\_\_\_\_ Signature

Date of application: \_\_\_\_\_ DD \_\_\_\_\_ MM \_\_\_\_\_ YY