

Department of Science and Technology

PHILIPPINE NUCLEAR RESEARCH INSTITUTE

Nuclear Science and Technology Working for You

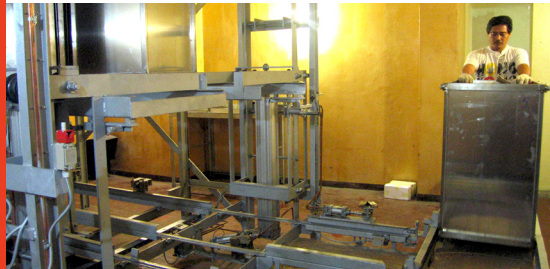
The PNRI Mandate

The Philippine Nuclear Research Institute (PNRI) is a research and development institute under the Department of Science and Technology (DOST) mandated by law to undertake research and development activities in the peaceful uses of nuclear science and technology, render nuclear and specialized services and exercise regulatory control in the field of nuclear energy.

The PNRI, formerly the Philippine Atomic Energy Commission, has been serving the public since 1958, harnessing the beneficial applications of nuclear energy while ensuring the safe use and security of radioactive materials and radiation facilities for the protection of workers, the general public and the environment.

How Can PNRI Serve You?

The PHILIPPINE NUCLEAR RESEARCH INSTITUTE (PNRI) - DEPARTMENT OF SCIENCE AND TECHNOLOGY extends specialized nuclear and allied services to clients from industrial, business, medical, government and academic sectors to encourage and widen the safe and peaceful uses of nuclear science and technology in various fields.



Gamma Irradiation Services

Agricultural, food, medical and pharmaceutical products can be treated with gamma radiation at PNRI's irradiation facilities for disinfestation, microbial decontamination and sterilization.



Gamma Column Scanning Service

PNRI provides gamma column scanning service for petroleum/chemical industrial to locate mechanical damages without shutting down the plant.



Nuclear Training

PNRI conducts training courses in nuclear science and technology, radiation safety, and nondestructive testing for professionals and non-professionals in various sectors.



Radiation Protection Services

The PNRI provides radiation protection and nuclear safety services, namely personnel monitoring through film badge and calibration of radiation detection instruments and devices, leak testing and radioactive waste management. PNRI renders these services to ensure that workers occupationally exposed to radiation, as well as the general public, will not receive undue exposure to ionizing radiation.



Cytogenetic Analysis

The Institute performs cytogenetic analyses for radiological reassurance of workers occupationally exposed to ionizing radiation, and cytogenetic counselling to determine/confirm the presence or absence of clinical disorders such as Down's syndrome, Turner's syndrome.



Licensing, Review and Evaluation

The PNRI issues licenses to industrial, medical and other institutions for the authority to use, possess, sell and import radioactive materials.



PNRI Functions

Under Executive Order 128, PNRI is mandated to perform the following functions:

- Conduct research and development on the applications of radiation and nuclear techniques, materials and processes;
- Undertake the transfer of research results to end-users, including technical extension and training services;
- Operate and maintain nuclear research reactors and other radiation facilities; and
- License and regulate activities relative to production, transfer and utilization of nuclear and radioactive substances.

Information, Education and Communication (IEC) Services

PNRI provides nuclear information services such as guided tours of PNRI facilities and laboratories, video showing and lectures on nuclear science and technology to various groups. It also conducts nuclear awareness seminars and participates in special events through exhibits in schools, government and private institutions nationwide.

Other Services

- Consultation on the design of radiation laboratories and facilities
- Decommissioning of nuclear facilities

Library Services

The PNRI provides library services to student researchers and other clients. The PNRI library is open to researchers from Monday to Friday, 8:30 AM to 4:30 PM.

For more information on PNRI services, please contact:

Gamma Irradiation Services:

920-8789 (DL) and 929-6010 to 19 local 243

Radiation Protection Services:

920-8757 (DL); 929-6010 to 19 local 246/262

Isotope Techniques Section (Gamma Column Scanning):

929-6010 to 19 local 225/240

Biomedical Research Section (Cytogenetic Analysis):

925-9211 (DL) and 929-6010 to 19 local 273

Licensing, Review and Evaluation Section:

920-8810 (DL) or 929-6010 to 19 local 256

Nuclear Information and Documentation Section (IEC and Library Services):

920-8787 (DL) or 929-6010 to 19 local 286/239

Nuclear Training Center:

929-6010 to 19 local 236



About OneLab: DOST - Philippine Nuclear Research Institute is one of the Member Laboratories of **OneLab**.

OneLab is a **network of laboratories** anchored on an **IT Platform** to provide a referral system for testing and calibration services at a single touch point. It aims to provide customers with convenient and easy access to laboratory testing and calibration services. Currently, **One Lab** has 16 Department of Science and Technology (DOST) Regional Standards and Testing Laboratories (RSTL), six DOST Research and Development Institutes (RDIs) and 13 Non-DOST testing laboratories.

