

OFFICE OF ATOMS FOR PEACE



Getting to know
Office of Atoms for Peace



The Establishment of the Office of Atoms for Peace

On April 25th, 1961, Royal Thai Government proclaimed the enactment of the Atomic Energy for Peace Act, B.E. 2504 article 19 resulting in the establishment of the “Office of Atomic Energy for Peace (OAEP)” In accordance with its statutory functions, OAEP was responsible for undertaking the research and development in nuclear technology for developing the country and regulating on nuclear and radiation safety.

The issuance of Government Reorganization Act in 2002, Article 39 and 39(2) to improve efficiency and productivity of governmental section renamed the “Office of Atomic Energy for Peace” to **“Office of Atoms for Peace (OAP)”**

OAP is responsible for regulating the utilization of nuclear technology and radiation in Thailand; especially, licensing by granting a license and control for production, storage, import-



export of radioactive materials, radioactive sources, nuclear materials, and inspect radiation generator in nuclear and radiation facilities, included with the management of nuclear and radioactive waste, and spent nuclear fuel, In order to comply with the Nuclear Energy for Peace Act B.E. 2559 (2016), and according to the International Standards.

To strengthen the legislative framework, OAP is the regulatory authority under the Nuclear Energy for Peace Act, B.E. 2559 (2016), the new nuclear law superseding the Atomic Energy for Peace Act, B.E. 2504 and its amendment, aiming for modernizing and standardizing the regulation of the peaceful uses of nuclear and radiation to the international level in safety, security, and safeguards for the public and the environment. Furthermore, OAP has established the National Radiation Monitoring Center (NRMC) covering all regions in Thailand; those are atmospheric radiation monitoring stations and aquatic radiation monitoring stations.



The Utilization of Nuclear Energy in Thailand under the regulation by the Office of Atoms for Peace (OAP)

For more than 50 years, Office of Atoms for Peace (OAP) had laid foundation for the research and development on the utilization of nuclear energy in Thailand, until the issuance of the Royal Decree Establishing the Thailand Institute of Nuclear Technology (Public Organization) or TINT in 2006. As a result of this TINT is responsible for nuclear research and development, OAP plays the role of authority to regulate the utilization of nuclear and radiation in Thailand.

Nowadays, Nuclear Technology had become a crucial part in various thematic areas in our country as follows : as follows;

- Healthcare and Medical : the radiosterilization of medical products, diagnosis, radiodiagnosis, radiotherapy, nuclear medicine, radio pharmacy and other researches in the field.

- Agriculture : soil erosion and water management, mutation breeding in crop production, sterile insect technique and food irradiation.

- Industry : supporting the production and quality control, non-destructive testing (NDT) for heavy industry to analyze



and evaluate the properties of materials, components or systems without causing any damage and the gemstone irradiation in order to enhance its optical properties.

- Education : nuclear techniques for geological and cultural heritage researches and scientific studies of art and archaeology providing a necessary complement for cultural heritage conservation, preservation and investigation.

Accordingly, the safety regulation of the utilization of nuclear and radiation, a crucial mechanism and a mission of OAP, has been OAP's attention for nearly 6 decades. OAP carries out licensing, evaluation and inspection until the end of the nuclear and radiation usage cycle in conformance with the standards of the International Atomic Energy Agency (IAEA).

It is obvious that nuclear technology has come closer to our daily lives. Sometimes we do not know that we are now making use of nuclear and radiation. For the safety and prosperity of the public and the environment, "The Office of Atoms for Peace, we commit to regulate the utilization of nuclear and radiation to the international standards and to protect the public and the environment from the radiation exposure risks beyond those occurred naturally.

To apply for a license:
Please contact at the following channel

1

One-Stop Service Center at the Office of Atoms for Peace (OAP), Bangkok, Thailand

2

The OAP Regional Coordination Center
Northern - Chiang Mai,
Northeastern - KhonKaen,
Eastern - Rayong,
Southern - Songkla

3

Postal Address: Office of Atoms for Peace (OAP),
16 Vibhavadi – Rangsit, Ladyao, Chatuchak,
Bangkok, 10900 (Thailand)



Nuclear and Radiation Emergency



24 hours

(66)8 9200 6243

Safety Security Safeguards

“OAP, the leading organization of the excellent regulatory body of nuclear utilization, and the development of nuclear and radiation network in ASEAN for the regional safety and prosperity of public and environmental”

Vision of the Office of Atoms for Peace, 2017 - 2021



www.oap.go.th



[atoms4peace](https://www.facebook.com/atoms4peace)

**Office of Atoms for Peace (OAP),
Ministry of Science and Technology,**

16 Vibhavadi – Rangsit, Ladyao, Chatuchak, Bangkok, 10900
(Thailand) Tel. (66) 2596 7600, Fax. (66) 2561 3013

**OFFICE OF ATOMS FOR PEACE
MINISTRY OF SCIENCE AND TECHNOLOGY**

