

Teaching, Training, and Research Activities on Nuclear Field in Turkey

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Energy Institute



Contents

- Stakeholders
- Research institutes
- Universities
- Current projects

Stakeholders

- Government offices
 - Regulatory body
 - Ministry of Energy and Natural Resources, Project Office
 - State Utility
- Universities
- Private Enterprise
 - Utilities and Engineering Companies
 - Industrial and Medical Radiation Users



- Çekmece Nuclear Research and Training Center (CNAEM)

Established in 1958 in Istanbul

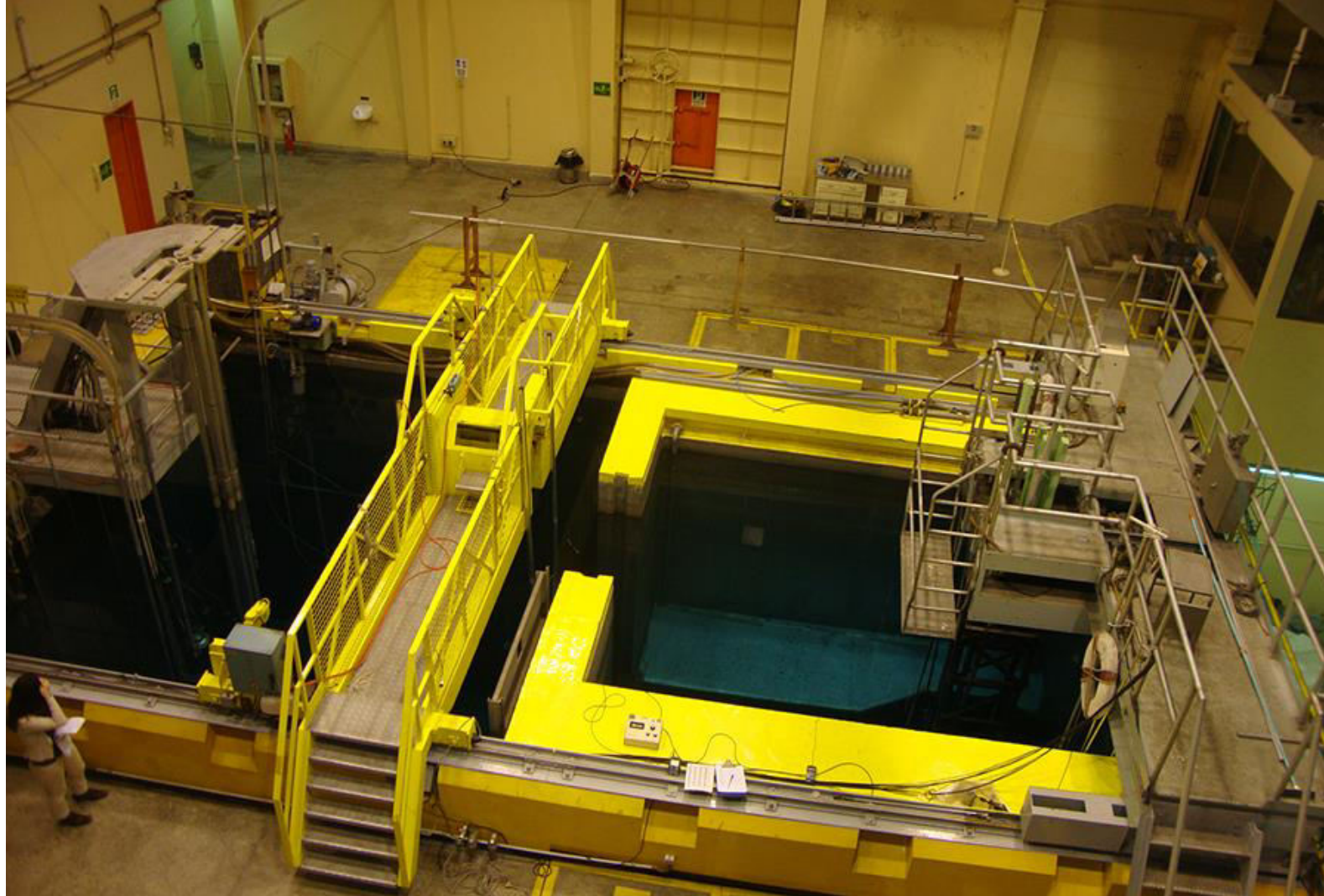
- Reactor Technology
- NDT
- Dosimetry



CNAEM



CNAEM Research Reactor



- Saraykoy Nuclear Research and Training Center (ANAEM)

Established in 2005 in Ankara

- Radiation Technology
- Environmental Radiation
- Accredited Laboratory
- Proton Accelerator
- Gamma Irradiation Facility

SANAEM



- Ankara Nuclear Research and Training Center (ANAEM)

Established in 2010 in Ankara

- Training Management
- Training Activities



Universities

ISTANBUL TECHNICAL UNIVERSITY

ENERGY INSTITUTE (Originally Nuclear Energy Institute)

Established in 1962

Offers M.S. and Ph.D. degrees

Operates ITU TRIGA Mark II Research and Training Reactor (Commissioned in 1979)

Focuses on nuclear and radiation technology



Universities

HACETTEPE UNIVERSITY

NUCLEAR ENERGY ENGINEERING DEPT.

Established in 1982 in Ankara

Offers B.S., M.S., and Ph.D. Degrees

Focuses on reactor design and technology, power engineering



Universities

EGE UNIVERSITY

NUCLEAR SCIENCE INSTITUTE

Established in 1982 in Izmir

Offers M.S., and Ph.D. Degrees

Focuses on nuclear and radiation applications



Universities

ANKARA UNIVERSITY

NUCLEAR SCIENCE INSTITUTE

Established in 2006 in Ankara

Offers M.S., and Ph.D. Degrees

Focused on medical applications and imaging



Universities

SINOP UNIVERSITY
NUCLEAR ENERGY ENGINEERING DEPT
Established in 2015 in Ankara
Offers B.S. Degree



- Ankara Chamber of Industry
 - 35 companies – Gap analysis and Training
 - Advanced Technology Training Center (including nuclear)
- Istanbul Chamber of Industry
 - 23 companies – Gap analysis and Training
- Nuclear Industry Cluster (NUKSAK)

Need

- international cooperation
- Support students and technical personnel to get involved in nuclear activities
- More organized and focused activities to support developing nuclear industry

THANK YOU FOR YOUR ATTENTION!

QUESTIONS ...

