

Radiation Protection at Africa and Middle East

M A Gomaa

IRPA Egypt

Among the current radiation protection activities in Egypt are the followings

1- Training Activities

Atomic Energy Authority of Egypt conducted January 2010 in basic radiation protection training course for university graduates. In Feb 2010 another training radiation protection course is in progress for the secondary schools graduates .Furthermore, Medical response to radiation and nuclear accidents is conducted in Feb.2010.

Middle Eastern Regional Radioisotopes Center for the Arab Countries is also conducting basic training course for radiation protection for participants from Arab countries.

2-Cairo Radiation Protection Workshop

With the help of several supporting organizational organizations, International Commission for Radiological Protection (ICRP), International Labor Organization(ILO), Arab Atomic Energy Authority(AAEA)and National Radiation Physics Network of Egyptian Atomic Energy Authority(EAEA). IRPA Egypt , ESNSA and MERRCAC.

Among the speakers J-F Lecomite member of Committee 4 of the ICRP. From ILO Senior Physicists Niu .From AAEA Dr Mosbah and from Tunisia Dr Hannou. From Sudan Dr Osman and from Libanon Mr Dihini. and and from UAE Ms Bushra. From Mobinil Mr Issa. Myself and Others. It was attended by 10 participants from outside Egypt and 40 Egyptians

The workshop which was aimed to inform workshop participants about two new ICRP recommendations these are The 2007 ICRP recommendations (ICRP-10-3) and Radiation Protection in Medicine (ICRP-105).

Among the outcome of the workshop the followings

- 1- The French translation of ICRP-103 is displayed at the internet.
- 2- Arabic translation of ICRP-105 is in progress by a Africa and middle east group headed by Mr Dihini.
Translational costs and printing expenses shall be covered by AAEA.
- 3- To encourage African medical Physicists to form Medical Physics Societies and to join African Federation of medical Physics (AFOMP). AFOMP is part of International organization of Medical Physics.
- 4- Acknowledge the role MEFOMP in improving the status of Medical Physics in the Middle East
- 5- To encourage radiation physicists and radiation protection experts to form Radiation Protection Societies in Africa and Middle East to Join ARPA International
- 6- To conduct workshops in the following topics
Safety Culture. Radiation and Nuclear Emergencies. Protection Against Non Ionizing Radiation. Handling of Batteries and computer wastes.

3. Other activities

Medical physicists are invited to participant in Radiation Medicine conference to be held in Riyadh, Saudi Arabia from 1-4 March 2010 .

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