

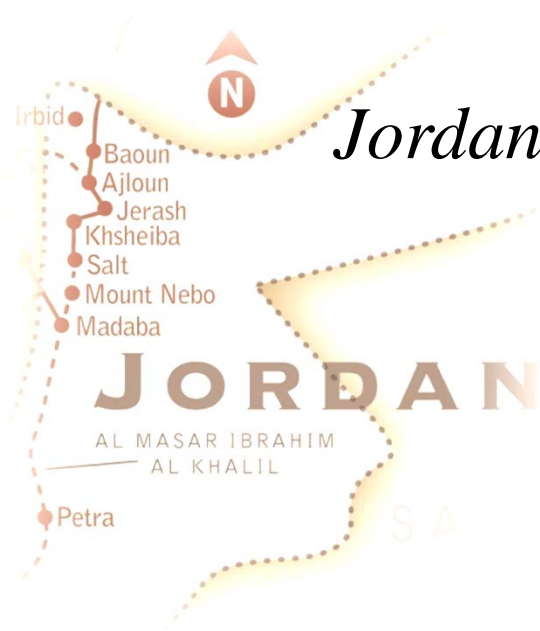


JNRC

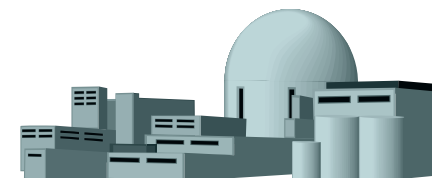
Beyond the 2010 Review Conference: Prospects for Nuclear Non-Proliferation.

Dr. Jamal Sharaf

Jordan Nuclear Regulatory Commission



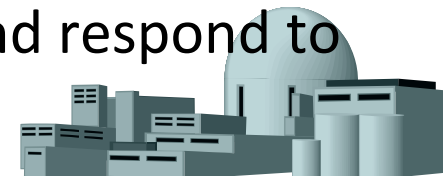
19-21 October 2010
Cairo - Egypt





INTRODUCTION

- The use of nuclear and radioactive materials may have serious consequences if these materials fall into hands of terrorists.
- Prevention constitutes the first step in combating nuclear terrorism.
- The prevention must include measures for safety, security, physical protection, accountancy and regulatory control as well as control of import/export at borders.
- It also include measures to detect and respond to malicious acts should they occur.





ESTABLISHMENT OF THE JORDAN NUCLEAR REGULATORY AUTHORITY

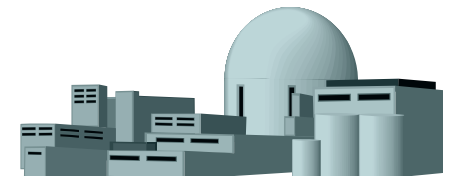
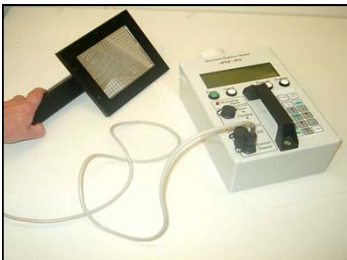
- Jordan Nuclear Regulatory Commission (JNRC), established in 2008 as successor to Nuclear Safety and Radiation Protection Departments of the former Jordan Nuclear Energy Commission, established in 2001.
- JNRC is an effective, independent and empowered Regulatory Body, with the primary goal of working in coordination with relevant bodies to achieve the following:
 - Regulating and monitoring the use of nuclear energy and ionizing radiation;
 - Ensuring the availability of conditions and requirements of general safety, radiation protection, and nuclear security.
 - Protecting the environment and human health and property from the hazards of radiation and related pollution;





Meeting the Challenge of Nuclear Security

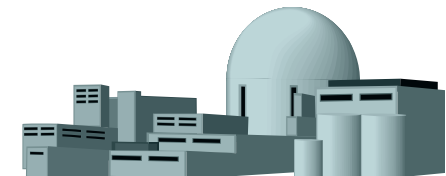
- Effective national regulations for both nuclear security and the security of radioactive sources.
- Capacity building – education and training.
- Integrated Nuclear Security Support Plan.
- Prevent and combat illicit nuclear trafficking.
- Security culture reinforcement.
- International and bilateral cooperation.





Future considerations

- Information sharing (ITDB).
- Global nuclear forensic analytical capabilities.
- Global research in areas such as reference materials, signature evaluation and uncertainty analysis.
- Promotion of international cooperation to raise awareness worldwide of the importance of the three Ss.





JNRC

Thank you

Jordan Nuclear Regulatory Commission

www.jnrc.gov.jo

