Transport of Radioactive Materials in KENYA

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Transport Safety Section,
Radiation Protection Board, Kenya.

31 IAEA TRANSSC Meeting, 2-6 November 2015
1. Background

2. Regulatory Framework
1. KENYA LOCATION:
1. KENYA: Other location... ON TOP OF... USA, GBRitain, Russia, China, Germany

**MEDAL TABLE**

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2015 World Athletics Championships
1. KENYA: A MAJOR TRANSIT for 5 Neighbouring States
1. Major Application of Radioactive Materials

MEDICAL:

Radiotherapy - 6 Hospitals

Nuclear Medicine - 6 Hospitals

INDUSTRIAL:

NDT Radiography - 10 Companies

Moisture/Density Guages ~50 Construction companies

Well Logging : 5 Oil Companies

RESEARCH : ~ 10 Institutions
2. REGULATORY FRAMEWORK

Radiation Protection Act, CAP 243 Laws of Kenya:

- Creates the Radiation Protection Board.
- The Chief Radiation Protection Officer as its Secretary and head of the Secretariat/Radiation Protection Inspectorate (RPI).
- RPI is a department in the Ministry of Health.

- Security Law (Amendment) of September 2014.
2. REGULATORY FRAMEWORK


- Section 1(5) "The general rules of International law shall form part of the Kenyan law."
- Section 1(6) "Any treaty or convention ratified by Kenya, shall form part of the law of Kenya under this Constitution."

Radiation Protection Act:

- Sec. 3(3) "Under this Act, the standards of radiation protection to be observed shall be those published under this act or any guidelines established and published by the ICRP, IAEA or WHO."
3. COMPLIANCE ASSURANCE FOR SAFE TRANSPORT

- Keeps a detailed register of all users
- Issues import, export, possess licences
- Receives notifications for transport and issues "Transport Authorization" with conditions.
- Carries out inspections including pre-transport
- Transport within the country is done mainly by users.
4. CHALLENGES

- Regulatory staff shortage at the RPI limits inspections e.t.c
- Need for domesticated national transport safety regulations
- Monitoring of transit / crossborder cargo w.r.t RAM
- Illicit movements of RAM
- Security of industrial sources – increase in reported loss.
- Instilling a safety culture among registered users of
One Room Residential House,
5. WAY FORWARD

- Viable draft of national transport regulation already prepared, IAEA drafting workshop soon, then finalize for enactment.

- National workshops held around the country with stakeholders in transport to improve safety culture.

- Completed Phase I of Central Radioactive Waste Processing Facility in Nairobi
Stakeholder sensitization workshop on safe transport of RAM, Oct. 2015 Kisumu

Central Radioactive Waste Processing Facility, Nairobi

END.

THANK YOU.