

Guideline tables for the preparation of a Country Status Report

TSA1- Regulatory Infrastructure

Reporting country: Zimbabwe

Date: March 26, 2012

Responsible person: Reward Severa
Radiation Protection Authority of Zimbabwe
1 McCaw Drive, Avondale West
Box A1710, Avondale
Harare
Zimbabwe
Phone: +2634334953
Fax: +2634335716
E-mail: rsevera@rpaz.co.zw

Table 1 has to be completed in order to get information on the types and numbers, the radiation sources

Table 1: Practices Requiring Occupational Radiation Protection

Practices	Number of Facilities ⁽¹⁾	Number of Radiation sources	Remarks
X-ray diagnostic	113	222	These include CT, Fluoroscopy, general x-ray and mammography
Radiotherapy	2	4	
Nuclear medicine	2	Imported according to need (Tc99, I-131)	
Industrial radiography (non-destructive testing)	3	5	Non-Destructive Testing only
*Industrial and research	50	272	Inclusive of X-ray baggage scanners, Whole body scanners, Sealed Sources, Analytical Devices
Uranium mining activities	0	0	Exploration still on-going
TOTALS	170	503	

*

Radiation sources in the mining sector	18	118	Sealed radioactive sources, whole body scanners, sorters
Radiation sources in industry	24	117	Container scanners, baggage scanners, analytical devices, sealed radioactive sources
Radiation sources in civil engineering and research	8	37	Sealed radioactive sources

Table 2 has to be completed in order to get information related to the main element regarding the regulatory infrastructure

Table 2. TSA1 Elements relevant to Regulatory Infrastructure

TSA-2 Elements	Completed	Being Implemented	Not started yet	Remarks
1. Legislation (if exist give the title and year of approval) Radiation Protection Act [Chapter 15:15] of 2004	Yes	Yes		The Act is being revised to deal with the effective independence of the regulatory body and other deficiencies.

<p>2. Regulations and Guidance</p> <p>Radiation safety regulations</p> <p>1 Radiation Protection (Safety and Security of Radioactive Sources) General Regulations</p> <p>2 Radiation Safety in Diagnostic and Interventional Radiology Regulations</p> <p>3 Radiation Safety in Radiotherapy Regulations</p> <p>4 Radiation Safety in Nuclear Medicine Regulations</p> <p>5 Radiation Safety in Naturally Occurring Radioactive Materials Regulations</p>	<p>Yes</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p>	<p>Yes</p>		<p>The regulations are at the final drafting stage by the Attorney General's Office</p>
<p>3. Regulatory Body Establishment and Independence</p> <p>a) Radiation Protection Authority of Zimbabwe</p> <p>i) Licensing Department</p> <p>ii) Inspectorate and Dosimetry Department</p> <p>iii) Non-ionizing Radiation Department</p> <p>iv) Environmental Monitoring, Emergency Preparedness and Response Department</p> <p>v) Legal and Corporate Affairs Department</p> <p>vi) Quality Assurance Department</p> <p>vii) Human Resources and Administration Department</p> <p>viii) Finance Department</p> <p>ix) Corporate Communications, Internal Audit and Information Technology</p>	<p>The regulatory body was established in June 2009. To make it effectively independent RPAZ, is now reporting to the Office of the President and Cabinet.</p>			<p>The Non-ionizing Radiation Department and the Environmental Monitoring, Emergency Preparedness and Response Department are not yet formed. These departments were approved in Feb 2012.</p>
<p>4. Regulatory Body Staffing and Training</p> <p>Total staff- 31 Technical - 13</p>				<p>The old structure had a total establishment of 31. The new organogram approved in Feb 2012 has a total establishment of 63.</p>
<p>5. Regulatory Body Funding</p> <p>Is it adequate</p>	<p>Treasury allocations and fees charged to the licencees.</p>			<p>The support that Government is giving has improved significantly (US\$ 40 000-2009; US\$1 000</p>

				000.00- 2012)
6. Coordination and Cooperation at the National Level Name of other national authorities that the RB has formalised coordination with them			MOUs with Zimbabwe Revenue Authority and the Ministry of Health and Child Welfare almost done.	
7. International Cooperation If the country expressed support to the Code of Conduct and its associated guidance or not	Expressed support to the Code of Conduct		Associated guidance	Member of FNRBA Member of SADC Nuclear Regulators Network
8. Notification and National Register of Radiation Sources - Is it in place - Which system being used (RAIS or other and if RAIS is being used which version)	Yes RAIS 3.0			National Register of Sources not yet completely updated and verified
9. Authorization - Is it in place - How many facilities licensed in 2011	Yes 170			
10. Safety and Security of Radioactive Sources Is there any measures being taken	Yes			
11. Inspection - How many inspections carried in 2011 - Do the RB has an inspection programme for 2012 - How many facilities the RB plans to inspect in the next 6 months - Do the RB have inspection check lists for all types of facilities	102 Yes 90 Yes			
12. Enforcement - Do the RB have enforcement policy and procedures - How many enforcement actions issued in 2011	Yes 51			3 court cases. One case completed.
13. Information Management - Do the RB have any types of communications with the interested parties	Yes			Stakeholder workshops for the development of regulations
14. Quality Management - Do the RB have a system for internal review an assessment for its functions - Do the RB consider national review - Do the RB completed the SAT	Yes			The Authority is setting up a Quality Assurance Department and is working towards initiating ISO 17020 and 17025

exercise - Do the RB consider to have IRRS mission in 2012 or 2013	Yes (Response and Analysis) 2013			certification
---	--	--	--	---------------