

TELEPHONE: 0414-696333
GENERAL LINE: 0485-660639
FAX: 041425342
E-MAIL: secretary@atomiccouncil.go.ug
Website: www.atomiccouncil.go.ug
IN ANY CORRESPONDENCE ON



ATOMIC ENERGY COUNCIL
PLOT 29/33, AMBER HOUSE,
KAMPALA RAOD
P. O. BOX 7044,
KAMPALA.

ACTION AND INVESTIGATION DOSE LEVEL FOR ATOMIC ENERGY COUNCIL (AEC)

INTRODUCTION

An action level is defined as "a specific dose of radiation or other parameter that, if reached may indicate a loss of control of part of a licensee's radiation protection program and triggers a requirement for specific action to be taken". They are compared to the annual exposure limits to ionizing radiation as indicated in the Atomic Energy Regulation, 2012. The primary goal of the action to be taken is to prevent a re-occurrence of the event.

MONITORING RESULTS

All exposure reports results are maintained and evaluated by the Radiation Safety Officer (RSO) of the respective facility. Exposure reports are made available to individual badge holders by the RSO. Any person interested in their radiation exposure or who has questions regarding the radiation dosimetry service may enquire with the Radiation Safety Officer.

ACTION & INVESTIGATION LEVELS

#	AEC Annual Dose Limit (mSv) for whole body i.e Hp(0.07) & Hp(10)	Investigation Level (per quarter) (mSv)	Action Level (Annual) (mSv)
	20	0.5000	10.0000

In the event of exposure greater than the investigation level in the table above, the Radiation Safety Officer will;

- Conduct an investigation to establish the cause for reaching the investigation level
- Identify and take action to restore the effectiveness of the radiation protection program
- Notify the Council within thirty days.

In the event of when the AEC dose limit is exceeded, the Radiation Safety Officer will:

- Immediately notify the individual and the Council
- Require the affected individual to immediately leave the work that may add to the dose
- Conduct an investigation to establish an estimate of the dose and the cause for the exposure
- Within 14 days report to the Council on the progress of the investigation.