4-3 Results:-

4-3-1 Staff:-

i) 4 radiological instrumentation engineers.

ii) 1 radiological instrumentation technician.

iii) 4 biomedical engineers.

4-3-2 Engineers training:-

i) 2 engineers have postgraduate, company and other training.

ii) 4 engineers have basic qualification.

iii) 2 engineers have company training.

4-3-3 Spare parts:-

i) Mainly from abroad.

ii) It increases equipment down time.

4-3-4 Fault frequency:-

Reasonable when no spare parts needed from abroad.

4-3-5 Equipment work load:-

All equipments are loaded. Specially the x-ray units.

4-3-6 Workshop building: - Not adequate.

4-3-7 Test equipment and tools:-

Only specialized tools, oscilloscopes, Quality assurance phantoms for x-Ray and ultrasound are needed.

4-3-8 Maintenance and care:-

4-3-8-1 X- Ray units:-

i) Installation.

ii) Cleaning.

iii) Periodic check (old units only).

iv) No quality assurance.

v) Repair.

1.1.1.-2 Ultrasound unit :-

i)Installation.

ii) Repair.

iii)Daily cleaning.

iv)No periodic cheek.

v)No quality assurance.

4-3-8-3 MRI:-

i) Service contract.

ii) Installation.

iii)Daily cleaning.

iv) Periodic check.

v) Repair.

vi)Quality assurance.

vii) Quality control.

4-3-8-4 C.T:-

i) Service contract.

ii)Installation.

iii)Daily cleaning.

iv) Periodic check.

v) Repair.

vi) Quality assurance.

vii) Quality control.

4-3-8-5 No radiation protection officer.

4-3-8-6 No pre-installation group.

4-3-8-7 No log books.