

**LSU Health Sciences Center
Gamma Knife
Proc. 19.13.24.1**

**Electrical Power Failure
In the Gamma Knife Unit**

Policy:

To provide procedures to follow in order to minimize risks to patient and employee should an electrical power failure occur.

Procedure:

In the event of a failure of the electrical supply an interlock prevents initiation of the Treatment Start Sequence.

If the treatment is under way when the power fails, the following actions will automatically take place.

1. Treatment Stop Sequence is initiated.
2. The patient couch returns to the start position.
3. The shielding doors located on the Gamma Knife Unit will close.

NOTE: The TV system will cease to operate and the patient cannot be observed on the TV monitor. No treatment will be delivered without proper TV monitoring of patient.

4. Go into the treatment room and comfort, assure, or assist patient.
5. Report occurrence to Physicist, ext.55328 -Beeper # 0090
or the Radiation Oncologist, ext.55334-Beeper #(318)934-5703
6. Once power is regained re-set correct treatment time and continue with the treatment procedure.
7. Record occurrence in logbook.

Written: 2007

Reviewed: 12/2008