

Electrical Work Plan

(Reference ES&H Bulletin 68A. Attach additional pages as needed)

Job Name: LINAC Chopper Pulser Replacement

Location: B140 LINAC Roof

Effective Dates Of Plan - Start: 03/07/2005 End: 03/06/2006

Work To Be Performed By: F. Rafael, G. Johnson, C. Taylor and J. Wachter

Person In Charge: Fernando Rafael Phone: x4607

Description Of Work:

High pot the pulser individual MOS-FET module according with SAPE-153 - Chopper Test and Repair Procedure – section 2, prior to the replacement.

Replace the LINAC Chopper Pulser on the roof of LINAC alcove locate in B-140

Associated Hazards (e.g. voltage, current, etc.):

Glassman High Voltage Power Supply Located in rack B140-103 El. 36

7kV and 600 VDC from Glassman power supply, up to 500A

Fall hazards from LINAC roof

Hazard Mitigation (e.g. specific PPE, barriers, etc):

Valid Non Routine JAHAM

Lock Out the system using ELP-036/03 - Linac Chopper Pulser Lock and Tag Procedure

Use PPE for breaker operation:

- Hazard Risk Category 0 clothing, non-melting, flammable materials, (i.e. untreated cotton, wool, rayon, or silk, or blends of these materials) Shirt (long sleeve), pants (long), closed toe work shoes.
- Electrical safety glasses/goggles w/UV Protection

Two people required for the job(2 person rule)

Do not reach out beyond the roof barrier on the Linac Roof. Maintain awareness of the uneven floor and protruding objects on the floor.

Inspection Required After Work? - Yes _____ No X (Required for New Installations.)

Originator: Fernando Rafael Date: 03/03/2005

Approvals As Required By Bulletin 68a (Sign, print name and title, and date):

M. Widmeyer M. Widmeyer Spvr. 3/4/2005

Participants (All workers to read, sign, print name and date):