

LINAC COMMISSIONING FORM

14-Sep-2001

Major Category: DTL Tank1 + D-plate

Sub-Category: Full beam commissioning

Sub-System : Full beam power

Objective: Obtain full beam power; verify correct functioning of tank 1 and its related equipment with this beam.

Requested by: E.Tanke

Date Proposed: July 2003

Estimated Time to Complete: 5 shifts

Estimated Manpower to Complete: 15 man-shifts

Priority/Order: high/7

Basic Equipment Needs : Fully functional FE, Tank1 and Tank 1 D-plate (including full power beam dump)

Special Equipment Needs: none

Software/Application needs: *t.b.d.*

Input Beam Requirements: 2.5 MeV, 36 mA peak, 1 ms, 60 Hz

Other prerequisites: *t.b.d.*

Correlations Sought: Tank 1 transmission as a function of duty factor

Procedure: Increase duty factor whilst observing transmission

Supporting Computations: *t.b.d.*

Problems Expected: possible delays due to first high power exposure of beam stop/RF

Comments:

Date Completed LANL:

Date Completed ORNL:

Results:

Problems Encountered: