

# LINAC COMMISSIONING FORM

24-sep-2001

**Major Category :** CCL

**Sub-Category :** Beam sub-category for CCL module 4

**Sub-System :** matching using beam profiles

**Objective :** To obtain the transverse matching of the CCL module 4

**Requested by :** Jim Stovall (LANL) and Dong-o Jeon (SNS)

**Date Proposed :**

**Estimated Time to Complete :** 9 shifts

**Estimated Manpower to Complete :** 27 man-shifts

**Priority/Order:** high / 3

**Basic Equipment Needs :** Fully functioning components up to CCL module 3 and Wire-scanners

**Special Equipment Needs :** None

**Software/Application needs :** Standard EPICS / C.A. Plotting programs

**Input Beam Requirements :** full current beam up to 50 $\mu$ s at 1Hz

**Other prerequisites :** T.B.D.

**Correlations Sought :** beam profile fluctuations from wire-scanners

**Procedure :** minimize beam profile fluctuations from wire-scanners

**Supporting Computations:** T.B.D.

**Problems Expected:**

**Comments:**

**Date Completed LANL:**

**Date Completed ORNL:**

**Results:**

**Problems Encountered:**

