SLAC MEMORANDUM

TO:	ANITA (T-4	86), PEP-II OPS, EOICs	DATE: 12-Jun-2006
FROM:	Rick Iverson		
SUBJECT:	Linac/ESA electron beam startup checklist for ANITA (T-486)		
Schedule: ANIT	A (T-486) to ru	un in ESA from Jun 12-26, 2	2006
		n effect in ice. Calibration o h energy neutrino showers in	f the entire ANITA balloon flight antenna n Antarctic ice.
BEAM: LI28 em Energy s	28.5GeV, 2E+ its = "8 b spread = 0.29 DR13,13 = 40N	CA11 PR-55 at 28.5GeV. 07 to 2E+09 electrons/buncl y 0.8" That is X < 8.0e-5m 6 (minimum). Mev (short bunch) leg, LI11-21 Phase= -16deg	* *
	•	so start with. After the first so saved that are more current.	
	A Magnet DESA BPM I30	config NOR #134 26-Apr-	06 "T474, T480 after y beta match" 06 "T474, T480 after y beta match" 06 "T474, T480 after y beta match"
3) Verify that the BAS is signed off and the Beam containment items in the BAS are active.			
4) Check that the ESA BCS and MPS are made up.			
5) When the experimenters are ready for beam, -Go to no access, pull the vacuum valves etcSet the beam rate to 1hzVerify that the LI29 feedback is on and workingBring the beam past D-10. *Note:It is not necessary to degauss 50-B1. Just do "LGPS OFF" and set the launch with CA11,XCOR,36 and YCOR 37.			
-Sector 3 -Ask the -Call the that the beam is backgrounds gen	listed above. 30 PLIC level semittance may experimenters. 2 ANITA (T-48 ready. Since the therated by bear	ne signature of the Askaryan n tails, there is a premium or	e beam