G_E^n Meeting Minutes for June 29, 2005

Attendance: A. Lukhanin, A. Kolarkar, T. Averett, B. Wojtsekhowski, A. Shahinyan, B. Reitz, B. Craver, A. Gavalya, P. Degtiarenko, V. Nelyubin, T. Holmstom.

1 General Remarks – Bogdan

Advisors need to nominate students for membership into the Hall A collaboration

2 Target Progress – Todd

Good forward progress on target. Goal – true optically pumped polarized signal as soon as possible. Hope to get signal by end of next week. Move optics into building.

Also reported on W&M water callibration, *very* good field sweep NMR, but no freq sweep signal.

status of beamline tests – building test structure. Alan, Pavel, and Bogdan will meet.

3 Design Update – Alan

reported on bottom flange of oven, holds cell. and the jig which is used to hold the cell is ready for Bogdan to sign.

discussion on final optics mirror status

discussion on location of optical path (Vladimir will have next iteration by next week.

4 Software and Analysis – Bodo

N20 analysis – Seamus is studying for his qualifier. Ameya's report on scaler analysis is that the TDC ans scaler rates match and he is working on the TDC.

Bogdan asked Neil to plot amplitude as a function of the difference.

Other plans are to get everything ready for next week's test.

5 BigBite – Brandon

Chamber 1 is close to ready, he still needs threshold voltage and 2 missing cards.

Have permission on Ar-CO_2 need to measure current drain. Large drain requires rethinking resistance. Need trigger for wire chambers (need to at least 4 phototubes). Would like to have second chamber included.

6 N-Arm Construction – Bogdan (for Albert)

60 CMU detectors in cassettes. Hope to et next 40 in cassettes. Slowed down by lack of support from the cranes.