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Examination of Booster Injection Foils

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DISCLAIMER

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AGS STUDIES REPORT

Date(s) of Study: November 24, 1992 **Time(s):** 2:30 p.m.

Experimenter(s): E. Bleser and J. Brodowski

Reported By: E. Bleser

Subject: Examination of Booster Injection Foils

A visual inspection of the Booster injection foils was made and is reported here for the record.

Foil #2. This was plainly the most heavily used but overall it looked good. A beam spot about 5/8 inches in diameter was visible tangent to the edge of the foil. The edge of the foil displayed ripples, some an inch long with an eighth inch amplitude and some smaller.

Foil #3. Looked very good. There was a slight V shape to the edge with the V pointing downstream.

Foil #4. Looked good; however, the whole edge of the foil seemed to curl upstream by about an eighth of an inch. Half the observers felt that the whole edge of the foil was shiny as though it had been irradiated as in #2.

Foil #5. Looked perfect.

Foil #6. Looked perfect.

CONCLUSION

The foils are in good shape. We shall not disturb them by opening or moving the vacuum can.