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CM-P00071618

ISR-OP/JC/svw

E-6

-11th October, 1973

## ISR PERFORMANCE REPORT

## RUN 368 P

Spasmodic losses occurred during run 368 P particularly in Ring 2; resulting decay rates were well above 250 ppm (App. 1).

A beam loss ion chamber scan was taken during one of these "high loss" periods (app. 2) which clearly indicates a high proportion of the beam being lost in two specific areas - close to the upstream ends of magnets 614 and 710. These positions are coincident with  $\beta V = 49$  and 51 respectively.

Could something be influencing the beam in the I6 region which is then aperture limited at these two points?

J. Colchester

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