

Abstract Submitted
for the SES06 Meeting of
The American Physical Society

Study of $Z\gamma$ Production at the Tevatron JEFFERSON KIST, Duke University — We have studied the production of Z bosons with associated high energy photons using data collected by the CDFII detector at the Tevatron. The analysis uses the reaction $p\bar{p} \rightarrow e^+e^-\gamma + X$ at $\sqrt{s} = 1.96$ TeV with 1 fb^{-1} of integrated luminosity. Properties of these events will be discussed with an emphasis on reduction of backgrounds in the high energy photons due to hadronic jets.

Alfred Goshaw
Duke University

Date submitted: 18 Aug 2006

Electronic form version 1.4