

Abstract Submitted
for the APR08 Meeting of
The American Physical Society

Measurement of $Z\gamma$ Production at CDF JIANRONG DENG,
AL GOSHAW, CHRISTOPHER LESTER, TOM PHILLIPS, Duke University,
BEATE HEINEMANN, Ernest Orlando Lawrence Berkeley National Laboratory, AI
NAGANO, University of Tsukuba, CDF COLLABORATION — We present results
from studies of photons produced in association with Z bosons in $p\bar{p}$ collisions at
 $\sqrt{s} = 1.96$ TeV at the Tevatron. Tri-linear gauge couplings are fundamental pre-
dictions of the Standard Model, and studying these couplings provides a sensitive
test for non-Standard Model interactions. Here we compare measurements using
 2 fb^{-1} of CDF data with Standard Model predictions and predictions from models
containing anomalous couplings.

Eric James
Fermi National Accelerator Lab

Date submitted: 11 Jan 2008

Electronic form version 1.4