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EXO–200 Muon Veto System DAVID AUTY, University of Alabama, EXO–200 COLLABORATION — EXO200 is searching for neutrinoless double beta decay of ^{136}Xe. This is process has not been observed and only occurs if the neutrino has a Majorana mass. If ^{136}Xe decays via neutrinoless double beta decay it has a half life of $<10^{23}$yr. For such a low rate backgrounds need to be kept to a minimum. One source of backgrounds is cosmic-ray muons. Muons need to be vetoed with a efficiency of >90% for EXO–200 to achieve it's desired sensitivity. I will to talk about the commissioning of the veto system and it's performance as part of the EXO–200 cosmic ray veto.

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