AB Allowed 3 White Carneaux and 2 Silver King pigeons to peck either of 2 side keys to produce (observe) a positive or a negative stimulus on a 3rd, middle key. When pecks to one side key resulted in only the positive stimulus signaling FI 30 sec, and pecks to the other side key likewise resulted only in the negative stimulus signaling extinction 30 sec, Ss pecked the positive stimulus key almost exclusively. Two of 3 Ss stopped observing when the positive stimulus never occurred. In a 2nd experiment with 2 common pigeons, manipulation of the probability of FI components had a slight effect on observing responses but a larger effect on FI rate. Results support the inadequacy of an information account of observing behavior.