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Unipolar arcing and arcing were initiated on the cover plate of the cathode and cathode surface in the toroidal divertor simulator NAGDIS-T. (a) and (b) are the pictures of the cover plate of the cathode and cathode LaB<sub>6</sub> plate, respectively, after series of pulse discharge experiments. (c) is a schematic of the arc spot motion. (Shin KAJITA *et al.*, Plasma and Fusion Research Vol.7, 1405100 (2012) <http://www.jspf.or.jp/PFR/>)

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