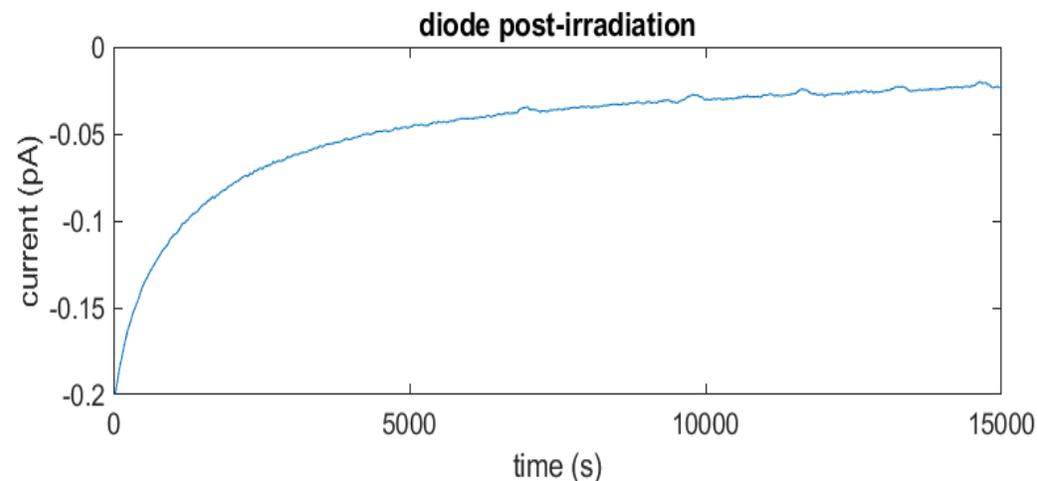
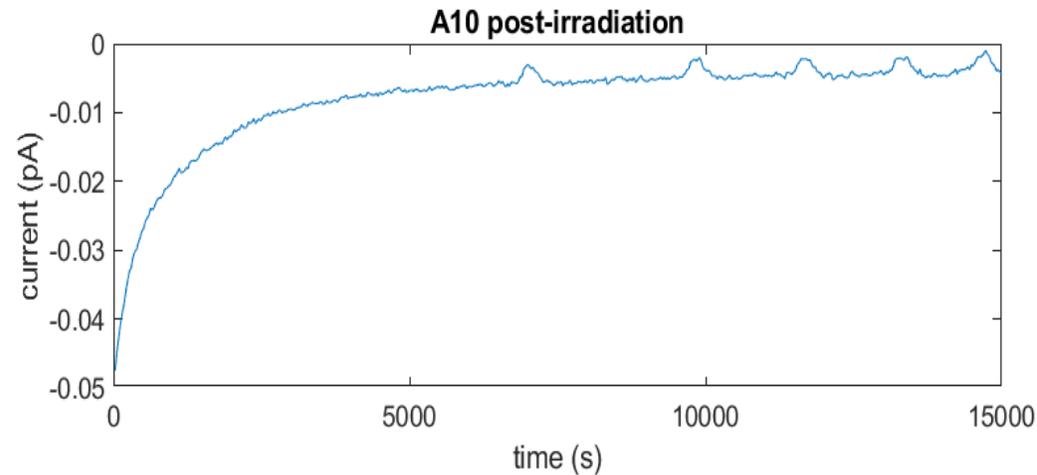
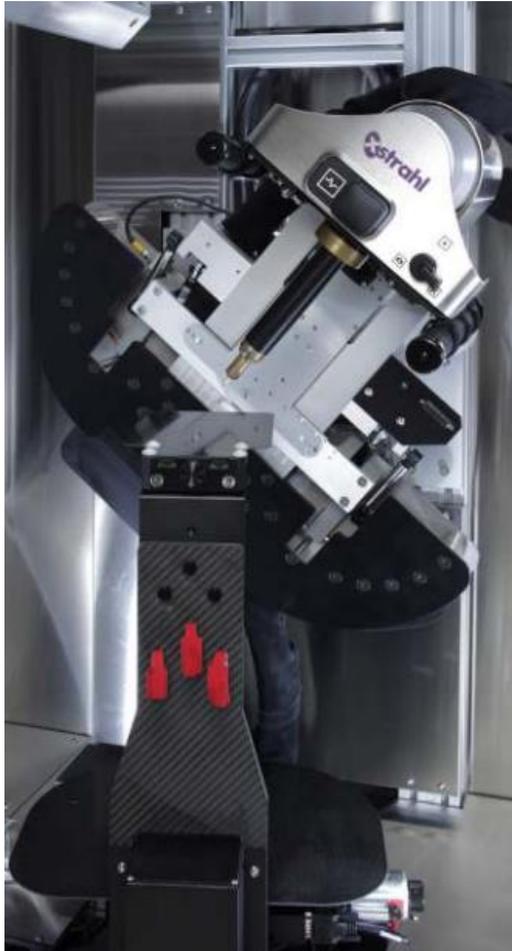


Investigation of charge buildup in cabled detectors in the Small Animal Radiation Research Platform (SARRP)



- The SARRP is an orthovoltage small animal conformal irradiator
- Insulating materials in triaxial cables experienced charge buildup during SARRP irradiations, resulting in persistent leakage currents following irradiation
- Pyroelectric effects due to temperature influence on stored charge were seen in the form of oscillations in the leakage current