

Major Tool and Machine's NCSX Prototype Vacuum Vessel (PVVS)

- Dies for each plate were first machined out of blocks of Kirksite.
- A 500 ton press was used to form the panels.
- The panels were mounted on a fixture to hold the shape and welded together.
- The tube was welded on, leak checked, cut off, and rewelded on.
- The part was polished and final measurements were taken. The PVVS was completed within $\pm 3/16$ "

