

**Date:** April 20, 2004

**Subj:** **SR Vacuum Chamber Bakeout System**  
**SCR power controller with circuit board attached**

**Spare status:** **Stored in EAA West Mezzanine in Cabinet #76**

**Further details:**

- Model no: Payne 18EZ-4-50/OPTO-mA  
([manual](#)) (4-20 mA input)
- NOTE: For SR bakeout skid application, two SCR's are installed. Control of the SCR's is done with a single 4-20mA signal. The control circuits on the SCR boards that receive the 4-20mA signals are wired in series. Because of the additional input impedance created by this series arrangement, the SCR boards must be modified by removing resistor RL1 and replacing it with a jumper wire. See applicable diagrams in the [manual](#).

Fig. 1: Storage Cabinets 76 & 77 in West Mezzanine of EAA

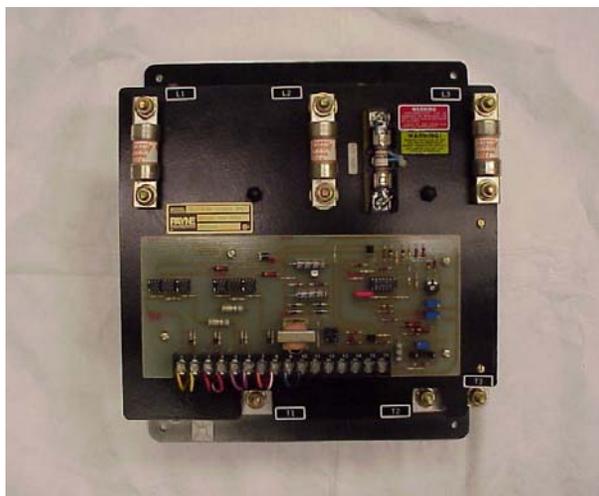


Fig. 2: Spare SCR controller with board