The PV Anti-Theft wire is threaded thru the holes in every PV module.

Small holes must be drilled in the frame of each PV module.

A complete circuit is made by passing a single wire thru the holes in every PV module and back to the Apollo cabinet.

Inside the Apollo cabinet, this simple wire loop is connected to the input of the Digital I/O module which senses if the wire is cut or disconnected and triggers the alarm.

Both the PV Module Theft Alarm and the MOV End of Life Alarm have long wires coming from the PV Array which are sensitive to nearby lightning strikes. So we protect these wires as they come into the Apollo Cabinet.

Up to 15M of wire.

This wire loop is in series with all SPDs in combiner boxes for MOV end of life alarm.

Ground terminal in Combiner Box SPD is connected to the Apollo Cabinet for Equal Potential Grounding.