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To: Michael Gray
Opto Power Corp.

We have recently discovered that the main circuit board in each of the two AVO-8D-C-M-OP1B-OPWRA instruments shipped to you (S/N 8260 and 8261) has an incorrect component. This component may fail. If it fails, damage may occur to any attached diode loads.

This problem can be corrected in the field by de-soldering and removing the component. To do so, turn off the power, disconnect the power cords, and remove the top panel of each mainframe. (To remove the top panel, remove the four Philips screws and slide the panel to the rear.) Locate the large (4" by 11") horizontal circuit board on the left side of the instrument. Refer to the two attached diagrams to locate the defective component, capacitor C70. It is a large yellow-orange capacitor with the marking "220 μ , 10" on it.

Use a soldering iron to melt the solder on both sides of C70, and lift the component off the board. It may then be discarded. No replacement component is necessary.

If you prefer, the instrument mainframes can be returned to Avtech to have this problem corrected. (The output modules do not need to be returned.) They would be repaired the day they were received. The shipping address for repairs is:

(add repair shipping info here.)

Either way, this procedure should be performed immediately.

Please call if you have any questions.