

OCT 30, 1986

Gregg G. Frazier
Ozark Circuits Inc.
933 West Chase Street
Springfield, Missouri 65803

Dear Mr. Frazier:

This is in response to your letter of August 14, 1986, in which you requested information regarding the hazardous waste classification of printed circuit boards. Printed circuit boards, as such, are not listed as hazardous wastes in Subpart D of 40 CFR Part 261. However, the Agency has received data from certain printed circuit board manufacturers indicating that boards containing solder typically exhibit the hazardous waste characteristic of EP toxicity. Apparently, in each case, excessive lead leached from the solder on the boards.

I, therefore, recommend that you have your waste circuit boards evaluated to determine whether they exhibit the EP toxicity characteristic. If you have additional questions, please call Mr. Robert Scarberry of my staff at (202) 475-8551.

Sincerely,

Matthew Straus
Chief
Waste Characterization Branch

August 14, 1986

Mr. Matt Straus
USEPA
Office of Solid Waste (WH562B)
Washington, D.C. 20460

Re: Classification of Hazard of Printed Circuit Boards Dear Mr. Straus:

As a producer of printed circuit boards (copper plated with tin-lead), I would like to know if the USEPA feels that printed circuit boards pro-poses any danger to the environment. I would also like to know if printed circuit boards meet any of the qualifications of a characteristic or listed waste.

Any information you can provide me with would be greatly appreciated. I have briefly discussed the issue with Dave Toppings in your department.

Thank you,

Gregg G. Frazier