



DIVISION OF
CORPORATION FINANCE

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

August 25, 2011

Via E-mail

Mr. Izhak Tamir
Chairman & President
Tikcro Technologies LTD
126 Yigal Allon Street
TelAviv 67443 Israel

Re: Tikcro Technologies LTD
Form 20-F for the fiscal year ended December 31, 2010
Filed June 30, 2011
File No. 0-30820

Dear Mr. Tamir:

We have completed our review of your filing. We remind you that our comments or changes to disclosure in response to our comments do not foreclose the Commission from taking any action with respect to the company or the filing and the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States. We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing include the information the Securities Exchange Act of 1934 and all applicable rules require.

Sincerely,

/s/ Robert S. Littlepage for

Larry Spigel
Assistant Director