

PLURISTEM LIFE SYSTEMS INC  
Form NT 10-Q  
May 17, 2004

OMB APPROVAL

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

OMB Number:  
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FORM 12b-25

SEC. FILE NUMBER  
001-31392

NOTIFICATION OF LATE FILING

CUSIP NUMBER

Check One):

Form 10-K  Form 10-KSB  Form 20-F  Form 10-Q  Form 10-QSB  Form N-SAR  Form N-CSR

For Period Ended: March 31, 2004

- Transition Report on Form 10-K  
 Transition Report on Form 20-F  
 Transition Report on Form 11-K  
 Transition Report on Form 10-Q  
 Transition Report on Form N-SAR  
For the Transition Period Ended:

Nothing in this form shall be construed to imply that the Commission has verified any information contained herein.

If the notification relates to a portion of the filing checked above, identify the Item(s) to which the notification relates:

PART I - REGISTRANT INFORMATION

Pluristem Life Systems, Inc.

Full Name of Registrant

Not applicable

Former Name if Applicable

MATAM Advanced Technology Park, Building No. 20

Address of Principal Executive Office (*Street and Number*)

Haifa, Israel 31905

City, State and Zip Code

PART II - RULES 12b-25(b) AND (c)

If the subject report could not be filed without unreasonable effort or expense and the registrant seeks relief pursuant to Rule 12b-25(b), the following should be completed. (Check box if appropriate).

|     |     |  |
|-----|-----|--|
| [X] | (a) | The reasons described in reasonable detail in Part III of this form could not be eliminated without unreasonable effort or expense;  |
|     | (b) | The subject annual report, semi-annual report, transition report on Form 10-K, Form 20-F, 11-K, Form 11-K, Form N-SAR or Form n-CSR, or portion thereof, will be filed on or before the fifteenth calendar day following the prescribed due date; or the subject quarterly report or transition report on Form 10-QSB, or portion thereof will be filed on or before the fifth calendar day following the prescribed due date; and |
|     | (c) | The accountant's statement or other exhibit required by Rule 12b-25(c) has been attached if applicable.  |

PART III - NARRATIVE

State below in reasonable detail the reasons why Forms 10-K, 20-F, 11-K, 10-QSB, N-SAR, N-CSR or the transition report on portion thereof, could not be filed within the prescribed time period.

We are unable to file, without unreasonable effort and expense, our Form 10-QSB Quarterly Report for the period ended March 31, 2004 because our auditors have not yet had an opportunity to complete their review of the unaudited financial statements. It is anticipated that our Form 10-QSB Quarterly Report, along with our unaudited financial statements, will be filed on or before the 5th calendar day following the prescribed due date of our Form 10-QSB.

PART IV - OTHER INFORMATION

|     |  |                |                    |
|-----|--|----------------|--------------------|
| (1) | Name and telephone number of person to contact in regard to this notification  |                |                    |
|     | <u>Irit Arbel</u>  | <u>972</u>     | <u>4-850-1080</u>  |
|     | (Name)   | (Area Code)    | (Telephone Number) |
| (2) | Have all other periodic reports required under Section 13 or 15(d) of the Securities Exchange Act of 1934 or Section 30 of the Investment Company Act of 1940 during the preceding 12 months or for such shorter period that the registrant was required to file such report(s) been filed? If answer is no, identify report(s). | [X] Yes [ ] No |                    |
| (3) | Is it anticipated that any significant change in results of operations from the corresponding period for the last fiscal year will be reflected by the earnings statements to be included in the subject report or portion thereof?  | [ ] Yes [X] No |                    |
|     | If so, attach an explanation of the anticipated change, both narratively and quantitatively, and, if appropriate, state the reasons why a reasonable estimate of the results cannot be made  |                |                    |

Pluristem Life Systems, Inc.

(Name of Registrant as Specified in Charter)

has caused this notification to be signed on its behalf by the undersigned hereunto duly authorized.

Date: May 17, 2004

/s/ Irit Arbel

Irit Arbel

President and Chief Executive Officer

INSTRUCTION: The form may be signed by an executive officer of the registrant or by any other duly authorized representative. The name and title of the person signing the form shall be typed or printed beneath the signature. If the statement is signed on behalf of the registrant by an authorized representative (other than an executive officer), evidence of the representative's authority to sign on behalf of the registrant shall be filed with the form.