

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 12b-25

Notification of Late Filing

Commission File Number 0-16106

(Check one):

- Form 10-K and Form 10-KSB Form 11-K
 Form 20-F Form 10-Q and Form 10-QSB Form N-SAR

For Period Ended: March 31, 1999

- Transition Report on Form 10-K and Form 10-KSB
 Transition Report on Form 20-F
 Transition Report on Form 11-K
 Transition Report on Form 10-Q and Form 10-QSB
 Transition Report on Form N-SAR

For the Transition Period Ended: _____

READ ATTACHED INSTRUCTION SHEET BEFORE PREPARING FORM. PLEASE PRINT OR TYPE.

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

Full name of registrant APA Optics, Inc.

Former name if applicable

Address of principal executive office (STREET AND NUMBER)

2950 N.E. 84th Lane

City, State and Zip Code Blaine, MN 55449

12b25-1

PART II
RULE 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 appropriate box.)

(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 Forms 10-K, 10-KSB, 20-F, 11-K or Form N-SAR, or portion thereof, will be filed on or before the 15th calendar day following the prescribed due date; or the subject quarterly report of transition report on Form 10-Q, 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, 10-KSB, 11-K, 20-F, 10-Q, 10-QSB, N-SAR, or the transition report portion thereof could not be filed within the prescribed time period. (Attach extra sheets if needed.)

The filing was not timely made because an incorrect CCC code was used and the error was not discovered until the filing was rejected, after the filing deadline.

PART IV
OTHER INFORMATION

(1) Name and telephone number of person to contact in regard to this notification

Anil K. Jain 612-784-4995

(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 the 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?

[X] Yes [] 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.

The Company incurred a net loss of \$2,513,798 for fiscal 1999 as compared to a net loss of \$967,767 in fiscal 1998. This loss was expected and results from the Company's shift in emphasis to product development from contract revenues and the corresponding decrease in revenues and increase in expenses.

12b25-2

APA Optics, Inc.

(Name of Registrant as Specified in Charter)

Has caused this notification to be signed on its behalf by the undersigned thereunto duly authorized.

Date 6/30/99 By /s/ Anil K. Jain

Anil K. Jain, 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.

ATTENTION

Intentional misstatements or omissions of fact constitute Federal criminal violations (see 18 U.S.C. 1001).

GENERAL INSTRUCTIONS

1. This form is required by Rule 12b-25 of the General Rules and Regulations under the Securities Exchange Act of 1934.

2. One signed original and four conformed copies of this form and amendments thereto must be completed and filed with the Securities and Exchange Commission, Washington, D.C. 20549, in accordance with Rule 0-3 of the General Rules and Regulations under the Act. The information contained in or filed with

the form will be made a matter of the public record in the Commission files.

3. A manually signed copy of the form and amendments thereto shall be filed with each national securities exchange on which any class of securities of the registrant is registered.

4. Amendments to the notifications must also be filed on Form 12b-25 but need not restate information that has been correctly furnished. The form shall be clearly identified as an amended notification.

5. ELECTRONIC FILERS. This form shall not be used by electronic filers unable to timely file a report solely due to electronic difficulties. Filers unable to submit a report within the time period prescribed due to difficulties in electronic filing should comply with either Rule 201 or Rule 202 of Regulation S-T or apply for an adjustment in filing date pursuant to Rule 13(b) of Regulation S-T.

12b25-3