

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 12b-25

NOTIFICATION OF LATE FILING

Commission File Number: 1-12471

CUSIP Number 458124 10 8

(CHECK ONE):  Form 10-K,  Form 20-F,  Form 11-K,  
 Form 10-Q and Form 10-QSB  Form N-SAR

For Period Ended: MARCH 31, 2001

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

Integrated Surgical Systems, Inc.  
Full Name of Registrant

NA  
Former Name if Applicable

1850 Research Park Drive  
Address of Principal Executive Office (Street and Number)

Davis, California 95616-4884  
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)

(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, 10-KSB, 20-F, 11-K or N-SAR, or portion thereof, will be filed no later than the fifteenth calendar day following the prescribed due date; or the subject quarterly report or transition report on Form 10-Q or 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,

