

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

**FORM 12b-25**

**NOTIFICATION OF LATE FILING**

(Check one):  Form 10-K  Form 20-F  Form 11-K  Form 10-Q  Form 10-D  Form N-SAR  Form N-CSR

For Period Ended: December 31, 2009

- 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: \_\_\_\_\_

*Read Instruction (on back page) 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**

Opko Health, Inc.

Full Name of Registrant

Former Name if Applicable

4400 Biscayne Blvd.

Address of Principal Executive Office (Street and Number)

Miami, FL 33138

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 reason 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, 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-Q or subject distribution report on Form 10-D, 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 why Forms 10-K, 20-F, 11-K, 10-Q, 10-D, N-SAR, N-CSR, or the transition report or portion thereof,

could not be filed within the prescribed time period.

OPKO Health, Inc. (the "Company") is unable to file its Annual Report on Form 10-K for the year ended December 31, 2009 (the "Form 10-K") prior to the filing deadline because the Company needs additional time to complete the analysis of all financial and non-financial information required to be included in the Form 10-K relating to the operations of Pharma Genexx, S.A. ("Pharma Genexx"), the Company's wholly-owned subsidiary in Chile. As a result of the earthquake in Chile on February 27, 2010, and its impact on the Chilean operations and personnel, the Company was unable to complete the analysis of all financial and non-financial information needed to be included in the Form 10-K in order to timely file.

The delay could not be cured without unreasonable effort or expense. The Company expects to file the Form 10-K no later than the fifteenth calendar day following the prescribed due date.

**Persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

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