CRDENTIA CORP Form 3

FORM 3

April 11, 2006

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

OMB APPROVAL

OMB Number:

3235-0104

Expires:

January 31, 2005

0.5

Estimated average burden hours per

response...

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF **SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting

Person *

NYDAM WILLIAM J

(Last)

(First)

(Middle)

2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol

Statement

(Month/Day/Year)

04/03/2006

4. Relationship of Reporting

Person(s) to Issuer

CRDENTIA CORP [CRDT.OB]

(Check all applicable)

5. If Amendment, Date Original

Filed(Month/Day/Year)

C/O CRDENTIA CORP., Â 5001 LBJ FREEWAY, SUITE 850

(Street)

_X__ Director Officer (give title below) (specify below)

10% Owner Other

6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting

Person

Form filed by More than One

Reporting Person

4. Nature of Indirect Beneficial

DALLAS, TXÂ 75244

(City) (State)

1. Title of Security (Instr. 4)

(Zip)

2. Amount of Securities Beneficially Owned

(Instr. 4)

Ownership

Table I - Non-Derivative Securities Beneficially Owned

Ownership Form: (Instr. 5)

Direct (D) or Indirect (I) (Instr. 5)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

Persons who 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.

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security

(Instr. 4)

2. Date Exercisable and **Expiration Date** (Month/Day/Year)

3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)

4. Conversion or Exercise Price of

5. Ownership Form of Derivative Security:

6. Nature of Indirect Beneficial Ownership (Instr. 5)

Date Expiration Exercisable Date

Title

Amount or Number of Shares

Derivative Security

Direct (D) or Indirect (I)

Â

(Instr. 5)

Stock Option (Right to Buy) $\hat{A} \stackrel{(1)}{=} 04/03/2016 \stackrel{Common}{Stock} 33,333 0.55 D \hat{A}

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

NYDAM WILLIAM J C/O CRDENTIA CORP. 5001 LBJ FREEWAY, SUITE 850 Â X Â DALLAS, TXÂ 75244

Signatures

William J. 04/10/2006 Nydam

**Signature of Date
Reporting Person

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Options vest over time based on continued affiliation with Crdentia Corp.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential 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 number.

Reporting Owners 2