Nalco Holding CO Form SC 13D/A November 09, 2006

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13D

(Rule 13d-101)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO 13d-1(a) AND AMENDMENTS THERETO FILED PURSUANT TO 13d-2(a)

Under the Securities Exchange Act of 1934 (Amendment No. 4)*

Nalco Holding Company

(Name of Issuer)

Common Stock, par value \$0.01

(Title of Class of Securities)

62985Q 10 1

(CUSIP Number)

John F. Hartigan, Esq. Morgan, Lewis & Bockius LLP 300 S. Grand Avenue Los Angeles, CA 90071 (213) 612-2500

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

November 8, 2006

(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box. O

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See §240.13d-7 for other parties to whom copies are to be sent.

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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.

SEC 1746 (3-06)

CUSIP No. 62985Q 10 1

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) Apollo/Nalco Acquisition LLC		
2.	Check the Appropriate Box if a Member of a Group (See Instructions)		
	(a)	O	
	(b)	X	
3.	SEC Use Only		
4.	Source of Funds (See Instructions) OO		
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) O		
6.	6. Citizenship or Place of Organization Delaware		
	7.	Sole Voting Power	
Number of			
Shares	8.	Shared Voting Power	
Beneficially		2,860,482 shares of Common Stock (see Items 4 and 5)	
Owned by	•		
Each	9.	Sole Dispositive Power	
Reporting Person With			
CISON WITH	10.	Shared Dispositive Power	
		2,860,482 shares of Common Stock (see Items 4 and 5)	
11.	Aggregate Amount Beneficially Owned by Each Reporting Person 2,860,482 shares of Common Stock (see Items 4 and 5)		
	2,000,402 shares of Collin	non Stock (see Items 4 and 3)	
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)		
13.	Percent of Class Represented by Amount in Row (11) 2.0%		
14.	Type of Reporting Person (See Instructions) OO		

CUSIP No. 62985Q 10 1

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) AP Nalco LP		
2.	Check the Appropriate Bo (a) (b)	ox if a Member of a Group (See Instructions) O X	
3.	SEC Use Only		
4.	Source of Funds (See Instructions) OO		
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) O		
6.	ganization		
	7.	Sole Voting Power	
Number of Shares Beneficially	8.	Shared Voting Power 2,860,482 shares of Common Stock (see Items 4 and 5)	
Owned by Each Reporting	9.	Sole Dispositive Power	
Person With	10.	Shared Dispositive Power 2,860,482 shares of Common Stock (see Items 4 and 5)	
11.	Aggregate Amount Beneficially Owned by Each Reporting Person 2,860,482 shares of Common Stock (see Items 4 and 5)		
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)		
13.	Percent of Class Represented by Amount in Row (11) 2.0%		
14.	Type of Reporting Person (See Instructions) PN		

CUSIP No. 62985Q 10 1

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) Apollo Investment Fund V, L.P.		
2.	Check the Appropriate Box if a Member of a Group (See Instructions)		
	(a)	0	
	(b)	X	
3.	SEC Use Only		
4.	Source of Funds (See Instructions) OO		
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) O		
6.	6. Citizenship or Place of Organization Delaware		
	7.	Sole Voting Power	
Number of Shares Beneficially	8.	Shared Voting Power 3,883,403 shares of Common Stock (see Item 5)	
Owned by Each Reporting	9.	Sole Dispositive Power	
Person With	10.	Shared Dispositive Power 3,883,403 shares of Common Stock (see Items 4 and 5)	
11.	Aggregate Amount Beneficially Owned by Each Reporting Person 3,883,403 shares of Common Stock (see Items 4 and 5)		
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)		
13.	Percent of Class Represented by Amount in Row (11) 2.7%		
14.	Type of Reporting Person PN	(See Instructions)	

Under the Securities Exchange Act of 1934(Amendment No. 4)*

CUSIP No. 62985Q 10 1

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) Apollo Management V, L.P.		
2.	Check the Appropriate Box if a Member of a Group (See Instructions)		
	(a)	0	
	(b)	X	
3.	SEC Use Only		
4.	Source of Funds (See Instructions) OO		
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) o		
6.	Citizenship or Place of Organization Delaware		
	7.	Sole Voting Power	
Number of Shares Beneficially	8.	Shared Voting Power 6,743,885 shares of Common Stock (see Items 4 and 5)	
Owned by Each Reporting	9.	Sole Dispositive Power	
Person With	10.	Shared Dispositive Power 6,743,885 shares of Common Stock (see Items 4 and 5)	
11.	Aggregate Amount Beneficially Owned by Each Reporting Person 6,743,885 shares of Common Stock (see Items 4 and 5)		
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)		
13.	Percent of Class Represented by Amount in Row (11) 4.7%		
14.	Type of Reporting Person (See Instructions) PN		

CUSIP No. 62985Q 10 1

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) Apollo Advisors V, L.P.		
2.	Check the Appropriate Box if a Member of a Group (See Instructions)		
	(a)	0	
	(b)	X	
3.	SEC Use Only		
4.	Source of Funds (See Instructions) OO		
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) O		
6.	6. Citizenship or Place of Organization Delaware		
	7.	Sole Voting Power	
Number of			
Shares	8.	Shared Voting Power	
Beneficially		6,743,885 shares of Common Stock (see Items 4 and 5)	
Owned by Each	9.	Sole Dispositive Power	
Reporting	7.	Sole Dispositive I ower	
Person With			
	10.	Shared Dispositive Power	
		6,743,885 shares of Common Stock (see Items 4 and 5)	
11.	Aggregate Amount Beneficially Owned by Each Reporting Person 6,743,885 shares of Common Stock (see Items 4 and 5)		
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) X		
13.	Percent of Class Represented by Amount in Row (11) 4.7%		
14.	Type of Reporting Person (See Instructions) PN		

This Amendment No. 4 supplements and amends the Statement on Schedule 13D filed on November 24, 2004, as amended and supplemented by Amendment No. 1 thereto filed on August 19, 2005, as amended and supplemented by Amendment No. 2 thereto filed on August 24, 2005, as amended and supplemented by Amendment No. 3 thereto filed on March 23, 2006, by (i) Apollo/Nalco Acquisition LLC, a Delaware limited liability company (Apollo LLC), (ii) AP Nalco L.P., a Delaware limited partnership (AP Nalco, together with Apollo LLC, the Apollo Members), (iii) Apollo Investment Fund V, L.P., a Delaware limited partnership (Investment V), (iv) Apollo Management V, L.P., a Delaware limited partnership (Advisors V, and together with the Apollo Members, Investment V, Management and Advisors V, the Reporting Persons), relating to the shares of common stock, par value \$0.01 (the Common Stock), of Nalco Holding Company (the Issuer).

Unless otherwise indicated, each capitalized term used but not otherwise defined herein shall have the meaning assigned to such term in the Statement on Schedule 13D filed on November 24, 2004, as amended to date.

Responses to each item of this Amendment No. 4 to Statement on Schedule 13D are incorporated by reference into the response to each other item, as applicable.

Item 1. Security and Issuer

Item 2. Identity and Background

Item 3. Source and Amount of Funds or Other Consideration

Item 4. Purpose of Transaction

Item 5. Interest in Securities of the Issuer

Item 5 is hereby amended and supplemented by deleting it in its entirety and replacing it with the following:

On November 8, 2006, Nalco LLC, Apollo Investment Fund V, L.P., Blackstone Capital Partners IV LP and GS Capital Partners 2000, L.P. (collectively, the Selling Stockholders) sold an aggregate of 20,000,000 shares of Common Stock in connection with an underwritten offering registered on the registration statement on Form S-3 (File No. 333-130715) filed by the Issuer with the Securities and Exchange Commission on December 27, 2005, as supplemented by the prospectus supplement dated November 2, 2006 (the Prospectus). Following such sale, Investment V is the record holder of 3,883,403 shares of Common Stock and the Apollo Members may be deemed to beneficially own 2,860,482 shares of Common Stock held of record by Nalco LLC, which represents in the aggregate approximately 4.7% of the outstanding Common Stock of the Issuer.

The aggregate of 6,743,885 shares of Common Stock shown as beneficially owned by the Apollo Members and Investment V in this Amendment No. 4 to Schedule 13D reflects (i) the Apollo Members percentage or pecuniary interest in the 5,184,444 shares of Common Stock held of record by Nalco LLC, based on the percentage of the outstanding membership interests in Nalco LLC owned by the Apollo Members, and excludes the balance of such shares which represent the other Sponsors and the management members percentage interest in Nalco LLC, and (ii) the 3,883,403 shares of Common Stock owned of record by Investment V. The shares of Common Stock shown as beneficially owned by Management include the shares of Common Stock shown as beneficially owned by Apollo Members and Investment V. The shares of Common Stock shown as beneficially owned by AP Nalco and Investment V. AIFVM may also

be deemed to beneficially own the shares of common stock shown as beneficially owned by each of the Apollo Members, Investment V and Management. Capital Management V may also be deemed to beneficially own the shares of common stock shown as beneficially owned by each of AP Nalco, Investment V and Advisors V. Because voting and dispositive decisions of Nalco LLC with respect to the Common Stock of the Issuer require the approval of at least two of the Sponsors, the Apollo Members, Investment V, Management, Advisors V, AIFVM and Capital Management V each disclaim beneficial ownership of the shares of the Issuer s Common Stock reported as beneficially owned by any of the other Sponsors or by Nalco LLC, in excess of their pecuniary interests in such securities, if any, and the filing of this Amendment No. 4 to Schedule 13D shall not be construed as an admission that any such person is the beneficial owner of any such securities. The Apollo Members, Management, Advisors V, AIFVM and Capital Management V each also disclaim beneficial ownership of the shares of the Issuer s Common Stock reported as beneficially owned by Investment V, in excess of their pecuniary interests in such securities, if any, and the filing of this Amendment No. 4 to Schedule 13D shall not be construed as an admission that any such person is the beneficial owner of any such securities.

- (a) See the information contained on the cover pages to this Amendment No. 4 to Schedule 13D which is incorporated herein by reference. The percentage of the class beneficially owned by each Reporting Person is based on 143,040,860 outstanding shares of Common Stock of the Issuer as of November 2, 2006, as reported by the Issuer in the Prospectus.
- (b) See the information contained on the cover pages to this Amendment No. 4 to Schedule 13D which is incorporated herein by reference.
- (c) There have been no reportable transactions with respect to the Common Stock of the Issuer within the last 60 days by the Reporting Persons, except as described in this Amendment No. 4 to Schedule 13D.
- (d) In accordance with the terms of the Nalco LLC Limited Liability Company Operating Agreement, and if approved by the board of directors of Nalco LLC, the members of Nalco LLC have the right to receive dividends from and the proceeds from any sale of Common Stock in accordance with their membership interests in Nalco LLC.
- (e) November 8, 2006.

Item 6.

Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer

Item 6 is hereby amended and supplemented as follows:

Underwriting Agreement

On November 2, 2006, Investment V and the other Selling Stockholders entered into an Underwriting Agreement with Citigroup Global Markets Inc. (the Underwriter) and the Issuer, whereby the Selling Stockholders agreed to sell an aggregate of 20,000,000 shares of Common Stock. In connection with the Underwriting Agreement, Investment V and the other Selling Stockholders agreed not to dispose of or hedge any of their shares of Common Stock or securities convertible into shares of Common Stock for a period of 60 days after November 2, 2006, subject to an extension of up to 18 additional days under certain circumstances, except with the prior written consent of the Underwriter. Closing of the sale of the aggregate 20,000,000 shares of Common Stock occurred on November 8, 2006. See the Form of Underwriting Agreement, which is incorporated herein by reference to Exhibit 99.1 to the Issuer s Current Report on Form 8-K, as provided in Item 7 herein.

Item 7. Material to Be Filed as Exhibits

Exhibit 1: Underwriting Agreement dated as of November 2, 2006 by and among the Issuer, the Selling Stockholders and the Underwriter

(incorporated herein by reference to Exhibit 99.1 to the Issuer s Current Report on Form 8-K filed with the Securities and

Exchange Commission on November 6, 2006 (File No. 001-32342).

SIGNATURE

After reasonable inquiry and to the best knowledge and belief of each of the undersigned, each of the undersigned certifies that the information set forth in this statement with respect to such person is true, complete and correct.

Date: November 9, 2006 APOLLO INVESTMENT FUND V, L.P.

By: APOLLO ADVISORS V, L.P.

Its General Partner

By: APOLLO CAPITAL MANAGEMENT V, INC.

Its General Partner

By: /s/ Patricia M. Navis

Patricia M. Navis Vice President

Date: November 9, 2006 APOLLO/NALCO ACQUISITION LLC

BY: APOLLO MANAGEMENT V, L.P.,

its Manager

BY: AIF V Management, Inc.

its General Partner

By: /s/ Patricia M. Navis

Patricia M. Navis Vice President

Date: November 9, 2006 AP NALCO L.P.

By: APOLLO ADVISORS V, L.P.

Its General Partner

By: APOLLO CAPITAL MANAGEMENT V, INC.

Its General Partner

By: /s/ Patricia M. Navis

Patricia M. Navis Vice President

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SIGNATURE 11

Date: November 9, 2006

APOLLO MANAGEMENT V, L.P.

By: AIF V MANAGEMENT, INC.

Its General Partner

By: /s/ Patricia M. Navis

Patricia M. Navis Vice President

Date: November 9, 2006 APOLLO ADVISORS V, L.P.

By: APOLLO CAPITAL MANAGEMENT V, INC.

Its General Partner

By: /s/ Patricia M. Navis

Patricia M. Navis Vice President

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