RENWICK ROBIN W

Check this box

if no longer

subject to

Form 4

October 25, 2006

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

Estimated average burden hours per

OMB APPROVAL

response...

Section 16. Form 4 or Form 5 obligations may continue.

See Instruction

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

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * RENWICK ROBIN W

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

(Middle)

3. Date of Earliest Transaction

FLUOR CORP [FLR]

(Month/Day/Year)

X_ Director 10% Owner

Officer (give title

(Check all applicable)

C/O FLUOR CORPORATION, 6700

(Street)

(First)

LAS COLINAS BOULEVARD

4. If Amendment, Date Original

Filed(Month/Day/Year)

10/23/2006

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

(Instr. 4)

below)

IRVING, TX 75039

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial (I) Ownership

(Instr. 4)

Other (specify

(A) or

Reported Transaction(s)

(Instr. 3 and 4) Code V Amount (D) Price

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of 3. Transaction Date 3A. Deemed 5. Number of 6. Date Exercisable and 7. Title and Amount of Derivative Conversion (Month/Day/Year) Execution Date, if TransactionDerivative **Expiration Date Underlying Securities** Security or Exercise any Code Securities (Month/Day/Year) (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security	;	(Month/Day/Year)	(Instr. 8)		Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)						
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Phantom stock	(1)	10/23/2006		A		15.3846		(2)	(2)	Common Stock	15.3846	

Reporting Owners

Reporting Owner Name / Address	Relationships						
F 8	Director	10% Owner	Officer	Other			
RENWICK ROBIN W C/O FLUOR CORPORATION 6700 LAS COLINAS BOULEVARD IRVING, TX 75039	X						

Signatures

/s/ Eric P. Helm by Power of Attorney

08/25/2006

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(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) Phantom stock issuable on a one-to-one basis.
- These phantom units were acquired under the Fluor Corporation Deferred Directors' Fees Program and are to be settled in cash upon the reporting person's termination of service as a director, death or disability in a single lump sum payment or annual installment payments over a period of two to twenty years. Units are immediately exercisable because they may be transferred into an alternative investment. However, up to 3.1 shares would be forfeited upon such transfer prior to January 1, 2011.

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