#### SEC Form 4

### FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB Number: 3235-0287

Check this box if no longer subject to	STA
Section 16. Form 4 or Form 5	
obligations may continue. See	
Instruction 1(b).	

# TEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person*				er Name <b>and</b> Ticke		/mbol IICALS INC	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
DONAHUE MICHAEL J				[APD]	<u>a critiv</u>	<u>IIC/ILS IIVC</u>	X	Director	10% 0	Dwner		
(Last) (First) (Middle) 7201 HAMILTON BOULEVARD			3. Date 06/30/	of Earliest Transac 2006	ction (Month/D	ay/Year)		Officer (give title below)	Other	(specify )		
(Street) ALLENTOWN	РА	18195	4. If Am	endment, Date of	Original Filed (	(Month/Day/Year)	6. Indiv Line) X	vidual or Joint/Group Form filed by One Form filed by More	e Reporting Pers	on		
(City)	(State)	(Zip)						Person				
		Fable I - No	n-Derivative S	ecurities Acq	uired, Disp	oosed of, or Benefi	cially	Owned				
1. Title of Security	(Instr. 3)		2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date,	3. Transaction Code (Instr.	ansaction Disposed Of (D) (Instr. 3, 4 and Securities Form: Direct			7. Nature of Indirect Beneficial			

Date (Month/Day/Year)	Transa Code (I 8)		Disposed Of (D) (Instr. 3, 4 and 5)			Securities Beneficially Owned Following Reported	Form: Direct (D) or Indirect (I) (Instr. 4)	Indirect Beneficial Ownership (Instr. 4)
	Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(11311.4)

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

	(e.g., puts, cans, warrants, options, convertible securities)														
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transa Code ( 8)		5. Nun of Deriva Securi (A) or Dispos of (D) (Instr. and 5)	Expiration Date (Month/Day/Year) irites ired r osed ) . 3, 4		Amount of Securities		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	v	(A)	(D)	Date Exercisable			Amount or Number of Shares				
Phantom Stock <sup>(1)</sup>	(2)	06/30/2006		A		166.9		08/08/1988 <sup>(3)</sup>	08/08/1988 <sup>(3)</sup>	Common Stock	166.9	\$62.18	12,305.1758	D	

#### Explanation of Responses:

1. Phantom deferred stock units (Units) acquired under the Air Products Stock Account of the issuer's Deferred Compensation Program for Directors, of the Company's Long-Term Incentive Plan (the Plan). Under the Plan, all non-employee directors are credited with Units for the portion of their Board retainer required to be received in this form and they are permitted to defer receiving payment of all or a portion of the remainder of their Board and Committee retainers and meeting fees.

2. Not applicable to this security.

3. These units are generally payable in the form of shares of Common Stock equal in number to the units, after the reporting person's service on the issuer's Board of Directors ends, in a lump sum or up to ten installments as elected by the reporting person in advance.

<u>By: Linda M. Svoboda as</u>
<u>Attorney in Fact</u>

06/30/2006

Date

\*\* Signature of Reporting Person

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

\* 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).

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

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