FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

OMB APPROVAL									
OMB Number:	3235-0287								
Estimated average burden									
nours her reshonse.	0.5								

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

## STATEMENT 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*							5. Relationship of Reporting Person(s) to Issuer						
Moyer James C			POW	<u>/EK</u>	SYSIE		X Director	10	)% Owner				
(First) (Mid	ddle)		ansaction	ı (Moı	nth/Day/Year	$\dashv$	below)	be	ther (specify elow) neer				
		4. If Amendment, Da	te of Orig	inal F	Filed (Month/D	′ I		Group Filing (Che	eck Applicable				
CA 95	120						Line)  X Form filed by One Reporting Person Form filed by More than One Reporting Person						
	·												
				d, D				1					
Instr. 3)	Date	Execution Date,	Transac					Securities Beneficially Owned	Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
			Code V		Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(1134. 4)	(111341. 4)			
	12/13/2007	7	S <sup>(1)</sup>		450	D	\$21.09	228,860	I	by Moyer FamilyTrust			
	12/13/2007	7	S <sup>(1)</sup>		100	D	\$21.11	228,760	I	by Moyer FamilyTrust			
	12/13/2007	7	S <sup>(1)</sup>		200	D	\$21.14	228,560	I	by Moyer FamilyTrust			
	12/13/2007	7	S <sup>(1)</sup>		200	D	\$21.15	228,360	I	by Moyer FamilyTrust			
	12/13/2007	7	S <sup>(1)</sup>		100	D	\$21.16	228,260	I	by Moyer FamilyTrust			
	12/13/2007	7	S <sup>(1)</sup>		200	D	\$21.18	228,060	I	by Moyer FamilyTrust			
	12/13/2007	7	S <sup>(1)</sup>		250	D	\$21.19	227,810	I	by Moyer FamilyTrust			
	12/13/2007	7	S <sup>(1)</sup>		100	D	\$21.22	227,710	I	by Moyer FamilyTrust			
	12/13/2007	7	S <sup>(1)</sup>		100	D	\$21.24	227,610	I	by Moyer FamilyTrust			
	12/13/2007	7	S <sup>(1)</sup>		100	D	\$21.25	227,510	I	by Moyer FamilyTrust			
	12/13/2007	7	S <sup>(1)</sup>		200	D	\$21.26	227,310	I	by Moyer FamilyTrust			
	12/13/2007	7	S <sup>(1)</sup>		100	D	\$21.27	227,210	I	by Moyer FamilyTrust			
	12/13/2007	7	S <sup>(1)</sup>		100	D	\$21.29	227,110	I	by Moyer FamilyTrust			
	12/13/2007	7	S <sup>(1)</sup>		100	D	\$21.3	227,010	I	by Moyer FamilyTrust			
	12/13/2007	7	S <sup>(1)</sup>		200	D	\$21.31	226,810	I	by Moyer FamilyTrust			
	12/13/2007	7	S <sup>(1)</sup>		100	D	\$21.32	226,710	I	by Moyer FamilyTrust			
	(First) (Mic PE MINES ROAD  CA 95 (State) (Zip	(First) (Middle) PE MINES ROAD  CA 95120  (State) (Zip)  Table I - Non-Deriva Instr. 3)  2. Transaction Date (Month/Day/Yes)  12/13/2007  12/13/2007  12/13/2007  12/13/2007  12/13/2007  12/13/2007  12/13/2007  12/13/2007  12/13/2007  12/13/2007  12/13/2007  12/13/2007  12/13/2007  12/13/2007	MONOLITHIC   MPWR     3. Date of Earliest Tr   12/13/2007   4. If Amendment, Date   CA   95120     Table I - Non-Derivative Securities A   Instr. 3)   2. Transaction   Date   (Month/Day/Year)     2A. Deemed   Execution Date, if any	MONOLITHIC POM	MONOLITHIC POWER	MONOLITHIC POWER SYSTE	MONOLITHIC POWER SYSTEMS IN [MPWR]   3. Date of Earliest Transaction (Month/Day/Year)   12/13/2007   4. If Amendment, Date of Original Filed (Month/Day/Year)   12/13/2007   4. If Amendment, Date of Original Filed (Month/Day/Year)   12/13/2007   4. If Amendment, Date of Original Filed (Month/Day/Year)   12/13/2007   2. Transaction Date, (Month/Day/Year)   2. Transaction Date, (Month/Day/Year)   12/13/2007   2. Transaction Date, (Month/Day/Year)   12/13/2007   3. Transaction Disposed Of (D) (Inside Proceedings of the process	MONOLITHIC POWER SYSTEMS INC   IMPNR   3. Date of Earliest Transaction (Month/Day/Year)   12/13/2007   4. If Amendment, Date of Original Filed (Month/Day/Year)   6. List of Original Filed (Month/Day/	Check at applicable   X Director   X Officer (give in below)   Chief TC   Check at applicable   X Director   X Officer (give in below)   Chief TC   Chie	CC			

		Tabl	e I - Non-Deriva	ative	Secu	ıritie	s Ac	quire	d, D	isposed o	f, or B	eneficia	lly Own	ed			
1. Title of Security (Instr. 3)		2. Transaction Date (Month/Day/Ye	ar) E	cecution	eemed ation Date, th/Day/Year)	), T	3. Transaction Code (Instr. 8)			es Acquired (A) or Of (D) (Instr. 3, 4		5. Amour Securitie Beneficia Owned Followin	s ally	6. Owne Form: D (D) or Indirect (Instr. 4)	irect In Be	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
							c	ode	v	Amount	(A) or (D)	Price	Reported Transact (Instr. 3 a	ion(s)	(11150. 4)	,   ("	isti. 4)
Common	Stock		12/13/200	7				S <sup>(1)</sup>		100	D	\$21.34	226,	610	I		Moyer milyTrust
Common	Stock		12/13/200	7				S <sup>(1)</sup>		100	D	\$21.35	226,	510	I		Moyer milyTrust
Common	Stock		12/13/200	7				S <sup>(1)</sup>		300	D	\$21.37	226,	210	I		Moyer milyTrust
Common	Stock		12/13/200	07			S <sup>(1)</sup>		300	D	\$21.38	225,	,910	I		Moyer milyTrust	
Common	Stock		12/13/200	07			S <sup>(1)</sup>		300	D	\$21.39	225,610		I		Moyer milyTrust	
Common	Stock		12/13/200	/13/2007			S <sup>(1)</sup>		200	D	\$21.41	225,410		I		Moyer milyTrust	
Common	Stock		12/13/200	07			S <sup>(1)</sup>		100	D	\$21.42	225,310		I		Moyer milyTrust	
Common Stock 1		12/13/200	07			S <sup>(1)</sup>		100	D	\$21.43	225,210		I		Moyer milyTrust		
Common	Stock		12/13/200	7				S <sup>(1)</sup>		100	D	\$21.47	225,	,110	I		Moyer milyTrust
Common Stock		12/13/200	3/2007			S <sup>(1)</sup>		100	D	\$21.53	225,010		I		Moyer milyTrust		
Common Stock		12/13/200	12/13/2007			S <sup>(1)</sup>	200 D \$21.56 224,810		I		Moyer milyTrust						
Common Stock		12/13/200	12/13/2007				S <sup>(1)</sup>		200 D \$21.58 224,610		I		Moyer milyTrust				
Common Stock		12/13/200	12/13/2007				S <sup>(1)</sup>		400	D	\$21.59	224,210		I		Moyer milyTrust	
Common Stock 12/13/2007			7				S <sup>(1)</sup>		100	D	\$21.62	224,	,110	I		Moyer milyTrust	
		Та	ble II - Derivati (e.g., pu							oosed of, convertib			y Owned	l			
Derivative   Conversion   Date   E.		3A. Deemed Execution Date,	4. Transa Code (	ransaction of Code (Instr. Derivativ		mber ative rities ired seed	6. Dat	e Exe	rcisable and	7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)		0. Ownership Form: Direct (D) or Indirect I) (Instr.	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	v	(A)	(D)	Date Exerc	isable	Expiration Date	Title	Amount or Number of Shares					

## Explanation of Responses:

1. In accordance with the reporting person's 10b5-1 trading plan.

By: Saria Tseng For: James Moyer

12/13/2007

\*\* Signature of Reporting Person

Date

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

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

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 Number.

 $<sup>^{\</sup>star}$  If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

<sup>\*\*</sup> Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).