Check this box if no longer

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

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL

OMB Number: 3235-0287

Expires: February 28, 2018 Estimated average burden hours per response 0.5

See Instruction 1	(b).							
(Print or Type Respon	nses)							
1. Name and Addres	s of Reporting Person*		2. Issuer Name and Ticker or Tradir	ng Symbol	5. Relationship of Reporting Person(s) to Issuer			
					(Check all a	pplicable)		
Blegen, Bernie			MONOLITHIC POWER SYST	Director	10% Ov			
(I ()	(F' 1)	(M. 111)	2 D (CE 1')	1 1CA 1 1	X Officer (give	Other (
(Last)	(First)	(Middle)	3. Date of Earliest	4. If Amendment,	title below)			

10% Owner Other (specify (give

(Last) (First) (Middle) 5808 Lake Washington Blvd NE				3. Date of Earliest Transaction Required to be Reported			4. If Amendment, Date Original Filed(Month/Day/Year)			title below)		below)
(Street) Kirkland, WA 98033			(Month/Day/Year) 02/10/2020							dividual or Joint/Group Filing (Check Applicable Line) K Form filed by One Reporting Person Form filed by More than One Reporting Person		
(City)	(State)	(Zip)		Table l	[- N	on-Derivative S	ecurities Ac	equired, Di	isposed	of, or Beneficially		Tung Terson
1. Title of Security (Instr. 3)		action Deemed action or Disposed of (D) Execution Code (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Owner-ship Form: Direct (D) or	7. Nature of Indirect Beneficial Owner-						
		(Month/ Day/ Year)	(Month/ Day/ Year)	Code	V	Amount	(A) or (D)	Price		(Instr. 3 and 4)	Indirect (I) (Instr. 4)	ship (Instr. 4)
Common Stock		02/10/20		S (1)		1,611	D	\$181	1.0743	146,896	D	
		<u> </u>					1			l		•

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).

FORM 4 (continued)

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

(e.g. puis, cans, warrants, options, convertible securities)																
	1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	Date	Deemed Execution Date, if any	acti Coo (Instr.	ion de	Acquired (A) or		6. Date Exer- cisable and Expiration Date (Month/Day/ Year) 7. Title Und (Inst		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr.	9. Number of deriva- tive Se- curities Benefici- ally Own- ed foll- owing	10. Owner-ship Form of Derivative Security: Direct (D) or	of Indirect Benefi- cial
				(Month/ Day/ Year)				Exer	Exer- tion	Expira- tion Date	Title	Amount or Number of Shares	3)	Reported Transac- tion(s) (Instr. 4)	Indirect (I) (Instr. 4)	(-1001 -)
					Code	V	(A)	(D)								
	- 															
	 [1														
		+														
	<u> </u>															

Explanation of Responses:

See continuation page(s) for footnotes

By: Saria Tseng For: Bernie Blegen

** Signature of Reporting Person

02/12/2020 Date

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.

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^{**} Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

5808 Lake Washington Blvd NE Kirkland, WA 98033

(1) The reported sales were to cover taxes upon the vesting of restricted stock units, as required by the Company's equity incentive plans.