TABLE III-7 (Continued)

Lot No.	Lot Size	Quantity Power Checked	Load Voltage (volts)	N-Leg Output Power (watts)	P-Leg Output Power (watts)	Couple Output Power (watts)	N-Leg Open Circuit Voltage (volts)	P-Leg Open Circuit Voltage (volts)	Couple Open Circuit Voltage (volts)
32	56	3	.080	.805	.966	1.65	.099	.068	.167
33		3	.080	.813	.931	1.64	.098	.067	.164
Total	940	85							
Average (Test)			.080	.788	.898	1.58	.097	.065	.162
Standard Deviation (Test)				.027	.044	.047	.002	.002	.002
Average (Predicted)				.729	.889	1.62	.096	.068	.164

TABLE III-8

COMPARISON OF OPTIMIZED TAGS-85/2N AND 3P/2N COUPLES AT BEGINNING-OF-LIFE

Hot/Cold Junction Temperatures (°F)	T/E Efficiency (%)			Output Power per Unit Couple Area (w/in^2)		
	3P/2N	TAGS-85/2N	% Improvement	3P/2N	TAGS-85/2N	% Improvement
1050/300	7.31	9.12	24.8	2.91	4.26	46.4
1050/350	6.87	8.53	24.2	2.53	3.68	45.5
1050/400	6.41	7.91	23.4	2.17	3.14	44.7

CONFIDENTIAL
CONFIDENTIAL