Table B-1. Calorific Measurements and Anion Analyses of Fe/$KClO_4$ Heat Pellets taken from W76 and W68 Thermal Batteries.

Battery	Serial No.	Mfg.	Test Date	Fe/$KClO_4$ Compn.	Age, yr	Avg. Calorific Output, cal/g	Std. Dev.	% Diff. from Spec.	Cl, ppm	ClO_3, ppm
						Spec=221 +/- 2				
A	4537	11/1/79	6/15/99	88/12	19.6	217.2	1.14	-1.27		
A	3869	8/1/79	6/15/99	88/12	19.9	217.2	0.23	-1.27		
A	9933	4/1/82	6/15/99	88/12	17.2	217.2	1.48	-1.27	51.7	56.4
A	2780	2/1/79	4/15/99	88/12	20.2	216.9	0.49	-1.41	84.4	45.3
A	9867	4/1/82	4/15/99	88/12	17.0	217.9	0.84	-0.95	58.2	54.2
A	9758	4/1/82	6/18/99	88/12	17.2	N.A.			55.8	51.8
B	4200	5/1/80	6/15/99	88/12	19.1	217.8	0.26	-1.00	58.7	38.6
B	4183	5/1/80	6/15/99	88/12	19.1	218.2	0.42	-0.82	58.8	36.1
B	2828	1/1/70	4/15/99	88/12	29.3	213.0	2.35	-3.18	126	35.6
B	3588	4/1/80	6/18/99	88/12	19.2	N.A.			109	37.1
B	4594	6/1/80	6/18/99	88/12	19.1	N.A.			62.2	34.8
B	4967	7/1/80	6/18/99	88/12	19.0	N.A.			51.0	39.6
						Spec=259 +/- 2				
C	3526	9/1/80	6/17/99	86/14	18.8	253.3	N.A.	-2.2	66.4	94.8
C	3108	8/1/80	6/17/99	86/14	18.9	255.6	N.A.	-1.3	59.4	95.3
C	4826	2/1/81	6/17/99	86/14	18.4	254.7	N.A.	-1.7	94.1	95.4
C	4523	1/1/81	6/17/99	86/14	18.5	253.4	N.A.	-2.2	60.2	100.5
C	4310	12/1/80	6/18/99	86/14	18.6	N.A.			84.1	90.8
C	4465	1/1/81	6/18/99	86/14	18.5	N.A.			240	94.4
C	4470	1/1/81	6/18/99	86/14	18.5	N.A.			173	98.8
C	4533	1/1/81	6/18/99	86/14	18.5	N.A.			133	84.8
C	4718	2/1/81	6/18/99	86/14	18.4	N.A.			86.7	95.2

Table B-1 (Cont'd.). Calorific Measurements and Anion Analyses of $Fe/KClO_4$ Heat Pellets taken from W76 and W68 Thermal Batteries.

		Mfg.	Test Date	$Fe/KClO_4$ Wt. Ratio	Age, yr	Avg. Calorific Output, cal/g	Std. Dev.	% Diff. from Spec.	Cl, ppm	ClO_3, Ppm
						Spec=259 +/- 2				
C	4842	2/1/81	6/18/99	86/14	18.4	N.A.			471	98.2
C	5026	3/1/81	6/18/99	86/14	18.3	N.A.			59.4	97.9
C	5750	5/1/81	6/18/99	86/14	18.1	N.A.			71.1	96.3
						Spec=298 +/- 2				
D	3504	6/1/80	6/17/99	84/16	19.1	289.7		-2.8	55.8	56.0
D	3258	3/1/80	6/17/99	84/16	19.3	289.9		-2.7	112	51.4
D	6227	8/1/81	6/17/99	84/16	17.9	294.1		-1.3	63.2	72.2
Heat source	84033	?	6/18/99	84/16	?	298.3	14.2	0.1		