Errata: Nuclear Power Assessment Study Posted September 2015

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Page Erratum						
Replace Ta	able 3-2: SRG Parametric Option	on Set from the	e Final NPAS repo	ort with the follow	wing table.	
	TABLE 3-2 SRG PARAMETRIC OPTION SET					
TABLE 3-2						
	# GPHS	2	4	6	8	
CBE Inputs						
BOL Powe	r (W _o) (4 K)	130	240	370	510	
	BOM Power (W _o) (4 K + BOL + 3 yrs)		232	357	492	
	er (W _o) (4 K BOL+17 yrs)	104	193	297	409	
	r (W _e) (270 K)	116	215	331	456	
	er (W _e) (270 K)	113	207	319	440	
	EOM Power (W _a) (270 K)		173	266	366	
Degradati	on Rate	1.16%	1.16%	1.16%	1.16%	
Diameter	cm)	19	33	33	36	
Length (cm)	50	45	65	95	
GPHS Hed	nt Load (BOL W _{th})*	500	1,000	1,500	2,000	
GPHS Hed	ıt Load (EOL W₅)	437	874	1,312	1,749	
Controller		90%	90%	90%	90%	
BOL Wast	e Heat (4 K) (W _{fi})	356	733	1,089	1,433	
	g Cold End Temperature (4 K)	420 K	450 K	450 K	430 K	
Average h	leat Rejection Temperature (4 K)	400 K	428 K	428 K	408 K	
Average h	leat Rejection Temperature (270 K)	440 K	468 K	468 K	448 K	
Disturbanc	e Force (@ 100 hz)	10 N	13.6 N	16.9 N	19.8 N	
	fic Power (W _{e/} kg)	7.5	7.5	7.9	7.9	
Mass (kg)		17.3	32.0	46.8	64.6	
	r Efficiency	26.0%	24.0%	24.7%	25.5%	
EOM Powe	er Efficiency	23.8%	22.1%	22.6%	23.4%	
	* Assumes 250 W _⊕ per GPHS					
	Option that was used for the TSSM Team-X Study					
	Option that was used for the UOP ACE Study					
BOL: Beginn	BOL: Beginning of Life; BOM: Beginning of Mission; EOM: End of Mission					
Section 3	Section 3.5: Clarify which team was involved in preparing the development plan by changing "The team prepared a 10-year flight					
/h '	system development plan for the 2010 concept that was used by the NPAS System Study Team in generating a ROM system cost					
of \$690 m	of \$690 million," to "The NRC team prepared a 10-year flight system development plan for the 2010 concept that was used at th					
time in ge	nerating a ROM system cost o	f \$690 million.	"			