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核熱解析による固体増殖水冷却方式テストブランケットモジュールのトリチウム増殖比に関する検討

Studies on Tritium Breeding Ratio for Solid Breeder Blanket Cooled by Pressurized Water through Nuclear and Thermal Analyses

正誤表

List of errata

	誤	正
p.ii *l.* 30	Consequently, the TBR respectively increased by 2.0%, 3.2% and 4.0%・・・	Consequently, the TBR respectively increased by 2.0%, 3.2% and 4.4%・・・

	誤	正
p.10 *l.* 6	(8)・・・構造とする場合、6Li 濃縮度が各層の幅に・・・	(8)・・・構造とする場合、^{6}Li 濃縮度が各層の幅に・・・

	誤	正
p.10 *l.* 8	(9) TBR の最も高かった解析結果において、6Li 濃縮度 40%で・・・	(9) TBR の最も高かった解析結果において、^{6}Li 濃縮度 40%で・・・

	誤	正
p.11 *l.* 18	6) Reimanna et al.・・・	6) Reimann et al.・・・

	誤	正
p.20	Table 2-3 The Major specification of the ceramic tritium breeder for nuclear analysis.	Table 2-3 The Major specification of the ceramic tritium breeder for nuclear analysis.

Items	unit	Use condition of the ceramic tritium breeder
Primary	-	Li_2TiO_3
Temperature Limit	℃	< 900
Packing fraction	%	63 (Single Packing)
^{6}Li enrichment	%	7.5, 40 or 90
Theoretical density	g / m^3	3.435
Sintering density	%TD	81

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	誤	正
p.20	Table 2-4 The Major specification of beryllium neutron multiplier for nuclear analysis.	Table 2-4 The Major specification of beryllium neutron multiplier for nuclear analysis.

Items	unit	Water cooled solid breeder TBM
Primary	-	Be
Temperature limit	℃	< 600
Packing fraction	%	62 (Single Packing) or 83 (Binary Packing)
Theoretical density	g / m^3	1.793
Sintering density	%TD	100

Items	unit	Use condition of beryllium neutron multiplier
Primary	-	Be
Temperature limit	℃	< 600
Packing fraction	%	62 (Single Packing) or 83 (Binary Packing)
Theoretical density	g / cm^3	1.793
Sintering density	%TD	100

	誤	正
p.23	Table 3-6 The TBR per layer in TBM of the optimized placement for TBR.	Table 3-6 The TBR per layer in TBM of the optimized placement for TBR.

誤

Case	Li-6 enrichment (%)	Packing method of Be	Volumetric ratio, R	TBR	Layer's structure: Li_2TiO_3 ; ○, Be ; ●						
					1st	2nd	3rd	4th	5th	6th	7th
4.1	7.5	Single packing	4.1	**1.204**	0.52	-	-	0.51	-	-	0.18
4.2	40	Single packing	4.4	**1.403**	0.66	-	-	0.56	-	-	0.18
4.3	90	Single packing	4.6	**1.461**	0.71	-	-	0.57	-	-	0.18

正

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