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Original

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Integrated design strategy for EU-DEMO first wall protection from plasma transients Fusion Engineering and Design 177 (2022) 113067

Francesco Maviglia^{a,b,*}, Christian Bachmann^{a,n}, Gianfranco Federici^a, Thomas Franke^{a,c}, Mattia Siccinio^{a,c}, Raffaele Albanese^d, Roberto Ambrosino^d, Wayne Arter^m, Roberto Bonifetto^e, Giuseppe Calabrò^f, Riccardo De Luca^f, Luigi E. Di Grazia^o, Emiliano Fable^c, Pierluigi Fanelli^f, Alessandra Fanni^g, Mehdi Firdaouss^h, Jonathan Gerardinⁱ, Riccardo Lombroni^f, Massimiliano Mattei^d, Matteo Moscheni^e, William Morris^m, Gabriella Pautasso^c, Sergey Pestchanyi^l, Giuseppe Ramogida^b, Maria Lorena Richiusa^m, Giuliana Sias^g, Fabio Subba^e, Fabio Villone^d, Jeong-Ha You^c, Zsolt Vizvary^m

^a EUROfusion – Programme Management Unit, Boltzmannstrasse 2, 85748 Garching, Germany

^b Associazione EURATOM-ENEA sulla Fusione, C.R. Frascati, C.P. 65-00044 Frascati, Rome, Italy

^c Max-Planck-Institut für Plasmaphysik, Garching, Germany

^d Consorzio CREATE, Univ. Napoli Federico II - DIETI, 80125 Napoli, Italy

^e NEMO Group, Dip. Energia, Politecnico di Torino, C.so Duca degli Abruzzi24, Torino 10129, Italy

^f DEIm Department, University of Tuscia, Largo dell'Università, 01100 Viterbo, Italy

^g Electrical and Electronic Engin. Dept.-University of Cagliari, Piazza D'Armi, 09123, Cagliari, Italy

^h CEA, F-13108 St Paul-Lez-Durance, France

ⁱ Institute of Plasma Physics, Czech Academy of Sciences, Prague, Czech Republic

^l KIT, Hermann-von-Helmholtz-Platz 1, Eggenstein-Leopoldshafen, Germany

^m CCFE, Culham Science Centre, Abingdon, Oxon, OX14 3DB, UK

ⁿ Technical University of Denmark, Lyngby, Denmark

^o Consorzio CREATE, Univ. della Campania L. Vanvitelli, Dip. Ingegneria, 80131 Aversa, Italy

The publisher regrets that [Table 1](#) has the wrong formatting. The correct version of the table is hereafter reported:

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* Corresponding author.

E-mail address: francesco.maviglia@euro-fusion.org (F. Maviglia).

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Table 1

Summary of all the plasma steady state and transient cases analyzed. The results, in the Output columns, show the HF due to charged particles (in MW/m², while in **bold** are indicated in GW/m²), evaluated with 3D field-line tracing codes (except the mitigated disruption where, instead, the photonic radiation, including toroidal and poloidal peaking factors, is reported). For the SOF and EOF are indicated in brackets, in *italic*, the HF including the radiation. *represents a D-VDE with the plasma shifted downwards (conservative). A subset of critical cases, in the output columns, is indicated with a superscript number within brackets

Inputs					Outputs: max HF (MW/m ²) <i>(Italic): with radiation, Bold: GW/m²</i>				
Scenario	Case	P _{SOL} (MW) +(P _{RAD})	λ _q (mm)	Deposition time	OML	UL	OLL	IML	FW
SOF	Diverted	69 +(300 core + 130 SOL)	50	Steady state	0.53 <i>(0.65)</i>	0.82 <i>(1.10)</i>	0.09 <i>(0.33)</i>	0 <i>(0.19)</i>	0.40 <i>(0.59)</i>
EOF	Diverted	69 +(300 core + 130 SOL)	50	Steady state	0.54 <i>(0.74)</i>	1.25 <i>(1.42)</i>	0.1 <i>(0.36)</i>	0.9 <i>(1.11)</i>	0.48 <i>(0.67)</i>
Min disr	Diverted	69	50	15-50ms	<0.01	0.13	0.01	3.06	0.69
ELM	Diverted	69	50	15-50ms	1.40	0.56	0	0	1.48
Ramp-Up	Limited	3.5	6	17.5-35s	2.37	0	0	0	0.29
Ramp-Down	Limited	5	6	25-50s	<0.01	<0.01	<0.01	0.02	0.01
		5	50	25-50s	<0.01	<0.01	<0.01	1.39	0.60
U-VDE	First touch	69	1	20-35ms	<0.01	114 ⁽²⁾	<0.01	0	0
		69	5	20-35ms	<0.01	15.6	<0.01	0	0.02
	TQ	325·10 ³	7	1-4ms	<0.01	63 ⁽³⁾	0	<0.01	138 ⁽⁸⁾
	Current Quench	10	10	74-200ms	<0.01	2.52	0	<0.01	0.01
		10	30	74-200ms	<0.01	1.53	0	<0.01	0.11
D-VDE	First touch	10 (*69)	10 (*1)	15-35ms	<0.01 <i>(*0.01)</i>	0 <i>(*0)</i>	<0.01 <i>(*24.8)</i>	<0.01 <i>(*<0.01)</i>	<0.01 <i>(*<0.01)</i>
		10 (*69)	30 (*5)	15-35ms	<0.01 <i>(*0.01)</i>	0 <i>(*0)</i>	<0.01 <i>(*7.83)</i>	<0.01 <i>(*<0.01)</i>	0.08 <i>(*0.01)</i>
	TQ	325·10 ³	7	1-4ms	0.77 <i>(*182)</i> ⁽¹⁾	0 <i>(*0)</i>	4.4 <i>(*306)</i> ⁽⁴⁾	0.84 <i>(*11.3)</i>	8.11 <i>(*292)</i> ⁽⁹⁾
	Current quench	10	10	74-200ms	<0.01	<0.01	<0.01	<0.01	<0.01
		10	30	74-200ms	<0.01	<0.01	<0.01	<0.01	<0.01
H-L transition	Limited (inboard)	30	2	1-5s	<0.01	<0.01	<0.01	64 ⁽⁵⁾	1.06
		30	4	1-5s	<0.01	<0.01	<0.01	44.5 ⁽⁶⁾	5.48
Major Disruption (MD)	TQ	325·10 ³	7	1-4ms	0.61	1.46	0.84	1.44 ⁽⁷⁾	333 ⁽¹⁰⁾
	CQ	10	10	74-200ms	<0.01	<0.01	<0.01	0.01	<0.01
		10	30	74-200ms	<0.01	<0.01	<0.01	0.21	0.05
Mitig. disr.	TQ	P _{RAD.} : 2.2 GW		1ms	2 ⁽¹¹⁾	1.8 ⁽¹¹⁾	1.8	1.5	2 ⁽¹¹⁾

The publisher would like to apologise for any inconvenience caused.