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

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

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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/m<sup>2</sup>, while in **bold** are indicated in GW/m<sup>2</sup>), 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 <sup>2</sup> ) <i>(Italic): with radiation, Bold: GW/m<sup>2</sup></i>				
Scenario	Case	P <sub>SOL</sub> (MW) +(P <sub>RAD</sub> )	λ <sub>q</sub> (mm)	Deposition time	OML	UL	OLL	IML	FW
<a href="#">SOF</a>	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>
<a href="#">EOF</a>	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
<a href="#">Ramp-Up</a>	Limited	3.5	6	17.5-35s	2.37	0	0	0	0.29
<a href="#">Ramp-Down</a>	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	<a href="#">First touch</a>	69	1	20-35ms	<0.01	114 <sup>(2)</sup>	<0.01	0	0
		69	5	20-35ms	<0.01	15.6	<0.01	0	0.02
	<a href="#">TQ</a>	325·10 <sup>3</sup>	7	1-4ms	<0.01	<b>63</b> <sup>(3)</sup>	0	<0.01	138 <sup>(8)</sup>
	<a href="#">Current Quench</a>	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	<a href="#">First touch</a>	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>(*&lt;0.01)</i>	<0.01 <i>(*&lt;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>(*&lt;0.01)</i>	0.08 <i>(*0.01)</i>
	<a href="#">TQ</a>	325·10 <sup>3</sup>	7	1-4ms	0.77 <i>(*182)</i> <sup>(1)</sup>	0 <i>(*0)</i>	<b>4.4</b> <i>(*306)</i> <sup>(4)</sup>	0.84 <i>(*11.3)</i>	8.11 <i>(*292)</i> <sup>(9)</sup>
	<a href="#">Current quench</a>	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	<a href="#">Limited (inboard)</a>	30	2	1-5s	<0.01	<0.01	<0.01	64 <sup>(5)</sup>	1.06
		30	4	1-5s	<0.01	<0.01	<0.01	44.5 <sup>(6)</sup>	5.48
Major Disruption (MD)	<a href="#">TQ</a>	325·10 <sup>3</sup>	7	1-4ms	0.61	1.46	0.84	<b>1.44</b> <sup>(7)</sup>	333 <sup>(10)</sup>
		10	10	74-200ms	<0.01	<0.01	<0.01	0.01	<0.01
	<a href="#">CQ</a>	10	30	74-200ms	<0.01	<0.01	<0.01	0.21	0.05
Mitig.disr.	TQ	P <sub>RAD</sub> : 2.2 GW		1ms	<b>2</b> <sup>(11)</sup>	<b>1.8</b> <sup>(11)</sup>	<b>1.8</b>	<b>1.5</b>	<b>2</b> <sup>(11)</sup>

The publisher would like to apologise for any inconvenience caused.