

## CTL INTERPRETATION SHEET

<b>Standard: IEC 60065 Ed. 5</b>	<b>Clause: 7.1, last paragraph</b>	<b>Sheet n. 284 Page 1(1)</b>
<b>Subject: Power Limiting Protection</b>	<b>Key words:</b> - <b>Fuse-link</b> - <b>Fusing resistor</b> - <b>Thermal release</b>	<b>Decision n. 23/36 taken at 36<sup>th</sup> meeting/1999</b>
<p><b>Question:</b> Does the wording: <i>"Fuse-links, fusing resistors and thermal releases affecting the safety of the apparatus shall not operate during the test"</i> mean that:</p> <p>a) if a fuse-link, fusing resistor, or thermal release operates during the test, it shall be defeated and the test continued.</p> <p>b) In amplifiers, electronic protection circuits activated by voltage, current, or temperature sensing shall be defeated if they operate during normal operation ( 1/8 maximum output)</p> <p><b>Decision:</b> In amplifiers, electronic protection circuits activated by voltage, current, or temperature sensing shall be defeated if they operate during normal operation ( 1/8 maximum output)</p> <p>" If a fuse-link, fusing resistor or thermal release operates during the test which is under normal operating conditions than the equipment does not fulfil the requirements."</p> <p><b>Explanatory notes:</b> The majority of CTL-Experts disagreed with both interpretations, but the matter was also discussed in WG1 of IEC TC 92 with the following result: The Working Group disagreed with a) but agreed with b) with the above second paragraph to be added.</p>		