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Subject: Re: Anode breaking

Posted by [Harald Appelshaeuser](#) on Wed, 28 Jul 2004 10:36:54 GMT

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Dear Clemens,

this is really a worrissome observation.

I think your theory makes sense, at least I have no other explanation.

Clearly, the distance between the gluing and the soldering point is very short which means the wire would break if it is stretched by only a little bit.

I had a brief discussion with the GSI people, they have never had this problem before. Possibly, because the TPC chambers are much heavier and may not so easily be pulled away.

The first suggestion is, not to cut the wires from one side to the other but, starting from the center, cut the wires alternating towards both sides. Also, one shouldnt first cut all wires quickly and then remove the ends with the US-knife, but rather cut the wires carefully and one by one with the US-knife only (thats probably how you do it..).

Probably, the ultimate solution is to fix the chamber with respect to the transfer frame to make sure it cannot move. Dubna, did you make any such experience?

Regards, Harry

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