

1 WRBagn

1 subject?

2 A (Witness Anderson) Well I'm not sure that
3 the effect of machining off a surface eliminates residual
4 stresses, I've not seen that.

5 I think my comments stands that there should be some
6 analysis to determine what they are.

7 Q Dr. Bush, did you have any comment on this
8 area?

9 A (Witness Bush) I am unaware of any, what I would
10 call definitive analysis of residual stresses in either the
11 cam gallery or the block top, it's inferential.

12 Too, I guess I can't get very worried about the top
13 surface in the first place if they machined as much as I
14 understand they machined -- admittedly this is by inference
15 only because I don't have a specific dimension -- I would
16 anticipate what limited residual stresses disappear.

17 The cam gallery is another matter entirely, I would
18 anticipate that you have the possibility, at least, of
19 substantial residual stresses there because of the geometric
20 configuration and the change in dimension.

21 But I don't think we have any idea of what the
22 level of residual stress is, so about the only thing you
23 could assume conservatively is that there's something
24 below the ultimate or, if you want to define it, there's a
25 yield in such material that they're there.