agrey 3:48pm Look what Lisa just sent me...

From: Lisa <u>Solein <|solein@collusia.com</u>>
SUBJECT: LOGISTICS FOR DESIGN 22-A

Addison,

The final touches for Design 22-A should be nearly complete. Remember that we do not have a big budget for this armored suit because of all the money we have invested into the TimeTilter already, so use minimal resources and choose your materials wisely. The suit should still be able to withstand 30,000 N of force—no exceptions. Relay this directive to the rest of the biomechanics engineering team.

agrey 3:48pm

Ah. I had a feeling this was coming.

djones 3:57pm

It's ridiculous. How are we going to find something cheap AND strong? It doesn't exist.

agrey 4:02pm

How about using stainless steel? It's high strength, resistant to corrosion and heat

jchen 4:03pm

Are you suggesting steel? For the ENTIRE suit?

djones 4:04pm

Yeah. From my calculations, the suit would have to be .28 mm thick in order to be strong enough for Lisa.

jchen 4:04pm

Ok, not bad - but a suit that thick would be heavy. Any materials with lower density?

agrey 4:04pm

Oh, plenty of things, but the lighter it is, the more pricey. Have you seen the budget numbers? We have to make every cent count.

djones 4:05pm

Who's supposed to be testing this suit?

jchen 4:05pm

We don't have access to that information. But anyone testing an armor suit should be tough enough to handle the weight of steel, I'd imagine.

agrey 4:06pm

So as usual, we go ahead with our design without enough money or data...

djones

4:06pm

Well, I have to make the call. Based on our tight budget, we'll go with the steel.

agrey 4:12pm

Addison, don't worry. You know this is "Collusia as usual"

djones 4:12pm

Yeah, but MUCH worse than usual. Is it just me, or does anyone else think that Lisa is a little OBSESSED with this project??

jchen 4:13pm

...Isolein has joined the group chat... Isolein is typing...

This is a public company chat channel. I can see everything you're writing. Get back to work.

Isolein 4:14pm

..agrey, djones, and jchen have logged off