QLD 4503

Dear Sir,

To maximise Energy Efficiency we should first look at the demand. For it seems to me what the public wants, they should get, after all they are paying for it. But there is becoming high demand for energy that is so Cheap, Energy efficient, Environmental friendly with unlimited amounts of energy with low visual impact. Which will be available 24 hours a day 7 days a week.

In the case of transport it needs to be a mobil supply. So what could possibly supply this demand? Efficiently Geothermal power plants is the answer. One way of doing this could be to drill a hole as large as possible and as deep as possible the deeper the hole is the hotter it gets once we have drilled down to the desired heat.

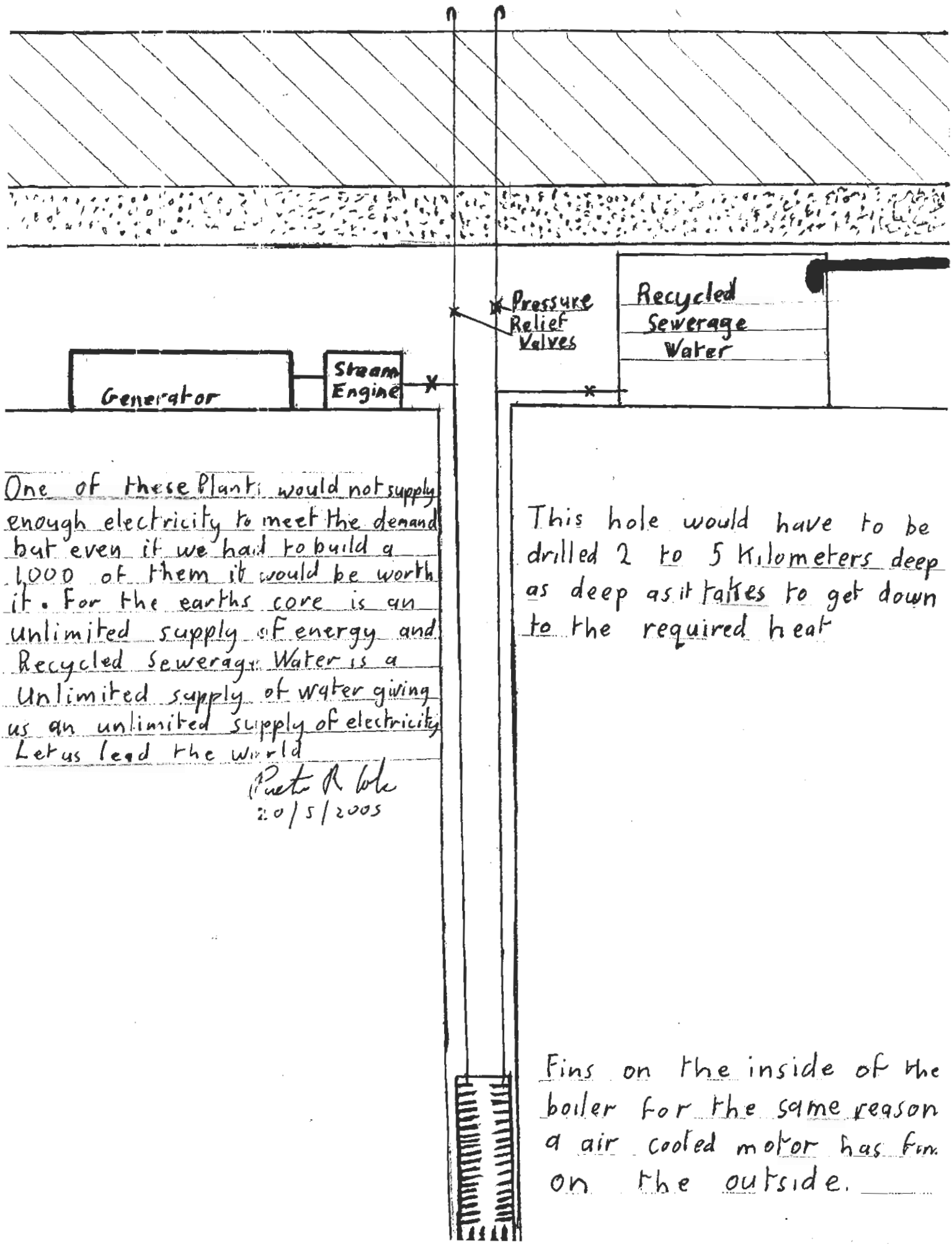
Then the process would be to build a boiler the same shape as the hole but slightly smaller diameter attach an inlet and outlet pipe to the top of the boiler and lower it down the hole by the inlet, outlet pipe screwing on and welding up the pipes as you go till the boiler gets to the bottom of the hole.

Connecting up the inlet pipe to purified sewerage water (which is just pumped into the sea) connect the outlet pipe to the worlds most efficient steam engine which in turn will create the most efficient electrical generator the world will ever see.

To conclude my statement on energy efficiently working in the future. The whole system will be hidden under ground as close to the boiler as possible to make it run effectively. And on the visual impact factor the only thing you will see is the vent coming up through the ground. This process needs to be repeated over and over again until there is enough electricity generated for the demand.

Your sincerely,
Peter Cole
20/05/2005

Submission to Enquiry into Energy Efficiency



One of these Plants would not supply enough electricity to meet the demand but even if we had to build a 1000 of them it would be worth it. For the earths core is an unlimited supply of energy and Recycled Sewerage Water is a Unlimited supply of water giving us an unlimited supply of electricity Let us lead the world

Peter R Cole
20/5/2005

This hole would have to be drilled 2 to 5 Kilometers deep as deep as it takes to get down to the required heat

Fins on the inside of the boiler for the same reason a air cooled motor has fins on the outside.