

Nisyros and geothermy

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NISYROS AND GEOTHERMY. -The British scholar and philosopher John Stuart Mill declared that, "if you struggle for your ideals, nor a thousand rivals fighting for their own, or for other's interests, will vanquish you". Those Mill's precepts came to my mind when I was wondering if an answer should be given to the "known" anonymous "Polyvotis" in what he claims in his letter on "geothermy in Nisyros", which you published, months ago, and which I have now gained knowledge of. Although the prevalent opinion is, we do not respond in anonymous comments or articles, I will violate the rule, so that the non-response is not seen as a weakness and a lack of arguments. Moreover, let us not forget that "silence considers as acquiescence" (in Roman law), expressing of course, wonder what he wants to hide and no signs boldly and responsibly in the essay? Can it be presented as objective, while not? As a person, as a Nisyrian, I have the right to have a view of what is refer to my home island, despite the occasional all-powerful attacks (verbal, of course), by various. Worth while to Nisyros, which for us is something holy, is the place that connects us with our earthly existence, where every point keeps a sweet memory of our childhood, the place where rested those who for us represent the most venerable in life. Concepts unknown perhaps obscure for each "Polyvotis" to whom Nisyros is a means of acquiring and shell himself. She starts his letter defiantly to Nisyrian Studies' Society, writing the reductive, "blows its own views". I could oppose him that the Society does not expect any anonymous to judge it. It long-standing work has earned it no more than a pan-Hellenic level but beyond that, and therefore has the full support not only of its members, but also of all Nisyrian everywhere. These are enough. It does not "blow its own views" but, through a statutory obligation, publishes its views, which are in full agreement with the views of the vast majority of Nisyrian, as has been repeatedly expressed. If it spoils the plans of various anonymous, well, we honestly love our island, not aspire anywhere else and we have stated repeatedly that the arguments put forward by us are not our own opinions, but the opinion of specific scientists. We seek, gather and invoke them. We will repeat once again that we are also in favor of geothermy, not only the low enthalpy, which we use on the operation of our thermal baths since the 19th century, but also on the high enthalpy. Nisyros, however, has peculiarities that make it dangerous. That is why we disagree. We don't want, our island assume the role of modern Iphigenia. The words of Paulo Coelho come to my mind, "do not waste your time explaining something. People only hear what they want to hear". We are accused of not having confidence in PPC, "the country's largest company". What to

start out first? The convictions of Greece by the EU court due to the non-compliance of PPC with the environmental protection provisions? Decision 364/03 of 7 July 2005 is indicative. Anyone can search it online. The prosecution of its executives by the Prosecutor of Kozani and the submission to the European Parliament of a question by MEP Papayannakis on 6-2-2002 concerning the use at the PPC station in Agios Dimitrios in Kozani, the poisonous gas Clophen, which from years is banned in the E. U.? The continuous of energy blackouts, The serious consequences mainly on the health of the residents in our own island due to ? Its recent insistence on the power-station in Aghios Nikolaos, Rhodes, when the whole local community rallied? I do not keep on, because the list is huge. I will close this issue, with the view of a current member of the Board of Directors PPCR which view, as he claims, Syriza included in its program on energy, 2014: "The investment (for geothermal power energy), to be implemented by a PPC that will gain credibility in society that respects the environment, the opposite of what is happen today ". (his article in RODIAKI 12-6-16). Do you hear Polyvoti? That means, PPC today does not respect the environment. Correct and interesting ascertain. Do we need anything else to add? With regard to the arbitrary question, "What they want, to import energy from Turkey to meet the needs of Nisyros", we answer: Shame, to make such dilemmas. Let us read on the Society's website, where, there is a study hammered out by special scientists with alternatives to the full coverage of the energy needs of Nisyros, without oil, without high enthalpy geothermy and without ... Turkey. We recommend reading this study. We ask him for a little respect to our national sensitivities. We are accused of, a supposedly, fragmentary choice of scientists' views, that supposedly, the scientists have not studied well the volcano of Nisyros, e.c. Instead of a respond, I forward to you both, the Athens' University letter and the memorandum of the Swiss professor Dr. Dietrich as well as the report on the four-years study of the volcano by professors. All these documents, are at the disposal of anyone who wishes to read them and judge the value of the objections by the known-anonymous, who, without caution, without decency, he indirectly challenges the authenticity of the data mentioned by the Society. With regard to the not elegant comment for Professor Chr. Coroneos (current mayor of Nisyros), that his views "is being unfair to him as a scientist", because they do not agree with his own views, we have no comments. At the universities, we have been taught that person who pretend to, his own views are correct and all different others, are incorrect, this is the epitome of the concept of totalitarian character. No more comment. He refers to the evolution of technology in order to convince that there is not risk due to that venture. We oppose: There is fuel at the market with less sulfur, so air pollution is minimized, but PPC does not use it in Linoperamata, Heraklion Crete, because, this fuel will increase operating cost. This was the objection which PPC invoked at the audience to the EU court where Greece had been committed to trial! (see above Rev. 364/03). Greece is condemned and all of us pay PPC lack of

concern for social problems. But I wonder if the planned measures, to reduce the adverse effects of any factory operation in Nisyros are expensive and raise the cost, then what will PPC decide? So they do not invoke the new technology. These are small details for PPC, "the largest Greek company"!!! And now, with regard to the highlighted report of the University of Athens. Here, he made a choice for misleading conclusions. As stated in p.132 par. 2 of this report, "PPC's plans are to install a 20-25MWe unit in order to be sufficient to cover power needs for seven other islands". However, the anonymous claims that "PPC does not have a program for a unit of 10MWe but only 5MWe". On the other hand, PPC intentions for future expansion of the station are clear, as it clearly refers to the terms which they put in the call for interest for a strategic investor in 2012. Athens University's report, which the anonymous considers to be contrary to the views expressed in the letter of the same institution to us, what exactly does it say? Not gentlemen of PPC. You can't go ahead with your plans. You can build a station, but it, "will not exceed 5MWe, energy sufficient to meet the needs of the island." The following section of the report (p.133): "A. Coastal zone of Agia Irini in Nisyros is suitable for the exploitation of the geothermal field since it is a relatively isolated area, without visual contact and far away from residential units and other activities. The size of the installations will not exceed 5MWe, which is sufficient to meet the needs of the island and contribute to a mild growth as well as to improve its infrastructures while minimizing any unfavorable impact. It goes without saying that for the construction and operation of the plant all the Environmental Terms that will be imposed will be respected, while the whole process will be supervised by a multidisciplinary team with the involvement of the stakeholders." Here is the question, not for us, because we know something from the background ... Since there is no problem, even "Polyvotis" wants to convince us that we will have benefits (!!!), then, why the report foresees, (a) the unit does not exceed 5MWe and so, PPC's plans will be canceled for 20-25 and b) why only in Agia Irini, (selected by PPC), "is isolated, without visual contact and far from urban units"? Why not be near Mandraki (capital town), to be enjoyment for us and the tourists, and why not 25 or 30MWe to have more environmental benefits, but only 5 that means, nothing will happen, as we will explain below? Why the report excludes Nisyros and suggests islets Pergusa or Yiali, "since any environmental impacts are minimized" (page 133)? Why should the "benefits" be reaped by Pergousa or Yiali, not by Nisyros? Why is it all hidden by whom which appears behind a pseudonym? What does a unit not exceeding 5MWe mean? In fact it's like telling to PPC, "forget it". Have a look at what exactly has advised us, among other things, the knowledgeable person of these issues, which we have already mentioned above: "3. State the positive intent to open a dialogue on the conditions for a Nisyros plant (not more than 3 MW) to function properly. This gives you the privilege of showing that you truly respect the environment and care not only for your place. This intent basically excludes the interest of any investor as these units are unprofitable for

them. "Therefore, the proposal for 3 or 5 MWe is unprofitable and no investor will be interested. That is why they propose it, knowing that nothing will happen. Last comment. I would not like to deal with the comments of a friend, who was in ecstasies by the "completeness and documentation" of the opinions of an unknown, Polyvotis. Only the following. EU Directive 2003/35 which has been incorporated into our national law by Joint Ministerial Decision 37111/2021 / 26-9-2003, (Government Gazette 332 B) provides that "in order to carry out any project important in relation to the environment, each Member State must ensure procedures for the effective participation of local communities in decision-making ". Let's not be so absolute this friend, who claims the opposite. As for the treating with disdain the opposed to the use of geothermy for energy, unfortunately it gets used to it. It is not the first time. What a pity. Instead of arguments, he labeled "garbage, unsubstantiated beliefs, coming from irresponsible mouths," etc., the data included on Nisyrian Studies' Society website, with regard to this issue. Do you know whose opinions it refers to? The mayor of Nisyros professor Chr. Koroneos, the professors of the University of Athens, the Swiss professor Dr. Detrich and the department of geothermy of the Ministry of Research and Technology. These views have been posted on the Society website. It 's better to keep silence.... If he wishes to know what "the scientific fantasy" are, let's take a look at the opinion of the abovementioned scientist, with a high position in PPC: "There is another question that everybody does that they do not know: Nisyros has not been researched (deep geotritic) out of the caldera, so what has been told for geothermal energy it's a science fiction. I do not believe that it can stand objectively in Nisyros producing more than 15-20 MW" This is the scientific fiction. What a pity for our friend!