Никола Тесла

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Nikola Tesla (1856-1943) was a Serbian American inventor, mechanical & electrical engineer and physicist best known for his contributions to the design of the modern alternating current (AC) electricity supply system used worldwide. Tesla gained experience in electrical engineering before emigrating to the USA in 1884 to work for Thomas Edison in New York City, soon striking out on his own. With investor support, he set up laboratories and companies to develop a range of electrical devices. His patented AC induction motor and transformer were licensed by George Westinghouse, who also hired Tesla as a consultant for a brief period. Tesla pursued his ideas of wireless lighting and electricity distribution through high-voltage, high-frequency experiments and made early (1893) statements about the possibility of wireless communication. He attempted practical application of intercontinental wireless transmission with his unsuccessful, unfinished Wardenclyffe Tower project. Tesla conducted experiments with mechanical oscillators and generators, electrical discharge tubes and early X-ray imaging. He also built a wireless controlled boat, one of the first ever exhibited. Tesla was renowned for his achievements and showmanship, earning a reputation in popular culture as an archetypal "mad scientist". His patents earned him considerable money, much of it used to finance projects with varied success. A successful, electric automobile manufacturer founded in 2003 in California bears his name, Tesla Motors.

RQ1: You wrote in your autobiography that you "suffered" from appearances of images and strong flash of lights - was that channeled images? Did you feel a strong spiritual connection during your brainstorming sessions? Did you ever "suspect" that you got assistance from a higher realm? (If that was the case that is)
NT: Yes, indeed it was channeling but I did not know it was a spiritual connection. I didn't know what that is, or was, living as Nikola Tesla. No, I didn't suspect "higher realm" involvement, I didn’t know what it was, either.

RQ2. The wireless energy technology that you invented - did it work? Is it something we could do today as a viable energy source? Where did you get the idea from and was it doomed from a soul-spirit perspective - mankind wasn't ready for it?
NT: It didn't work for me, but yes, it does. You've heard of radio, right? I got the idea very simply from seeing a magnetic field affect electrical circuits. I suspected electrical signals could be sent through the air the way magnetism does, and be received and turned into something again, the way it could be done through wires.

RQ3. What inventions did you have in your mind but never really finalized that you think could have had a HUGE impact on the world if you had the time / sources to finish them?
NT: My shortcomings were not a failure of resources, and as I needed those, they were supplied. Many of the things I wished to create and put into use, already have been. The impact would have been much the same, but timed a little differently. The impacts from new inventions are yet to be.

RQ4. Thane Heins invention, BITT - The BI-Toroid Transformer - will that be something that will be utilised in the future or does the "technology" simply doesn't work? His idea is to use two connected coils and in effect - according to the theory - get more output than input.
NT: His idea is correct, his approach is accurate but coils will not do a good job of amplifying output. This is achieved with crystals.

RQ5. A huge problem today is to store electric energy - batteries are heavy and a typical Lithium-Ion battery can only store about 0,5MJ/kg while Diesel fuel can store 100 times that. What can you tell us about the future of battery technology - will mankind unlock the secrets and when do you see that happening?
NT: Storage is a problem because portable, efficient generation is not. Both will improve at almost the same time, and the problem will evaporate. Battery storage is chemistry and for the moment, metallurgy. That is a hint, chemistry. Portable storage will improve enormously through a combination of chemistry

related developments and improvements to metallurgy.
This will begin to occur in a big way shortly after the new generation method becomes well known, if not widely used.

RQ6. Is the electric motor a relatively common propulsion technology in other civilisations? Or is the leap to levitation and pure magnetic drive more common? (Meaning, from the time when the civilisation has discovered electricity.)
NT: No, it is easier to use heat for propulsion, much as do your jet engines, internal combustion of fuels. The difference will be zero fuel and emissions, the heat will be produced with controlled nuclear fission in tiny, local, portable use units no larger than current jet turbine engines. Magnetism is also a good technology, but the controlled, limited nuclear fission heat is more efficient use for propulsion than converted to electricity and magnetism.

RQ7: From my perspective, hydrogen and fuel-cell technology is inferior electric power because electric is accessible to anyone and the infrastructure already exists, while hydrogen based vehicles still relies on the costly production of hydrogen-fuel and then the logistics to transport it. What is the reason car manufacturers pursue this? Or are they right and I'm thinking wrong?
NT: Agreed and they pursue it because it represents vehicle autonomy. You're both correct and vehicle autonomy will improve greatly through far higher battery capacity and also zero fuel generation stations found as easily and frequently as current fuel stations. The cost to manufacture and install a fuel free electricity generation station will be a good deal less than costs the station and refined fuel now common. Battery capacity will give 500 to 700 km range to surface vehicles.

RQ8: Is it true large oil-corporations actively worked against the development of the electric car or is it just a paranoid-based conspiracy? If true, what was the reason Tesla (the car manufacturer) was let alone?
NT: Yes and no to both. Existing car makers resisted internal development and investment, that is a better way to say it. Tesla Motors has been left alone because it is not seen as a threat.

RQ9: [The Committee] talks about some kind of new energy source that will make us more or less energy independent - Can you tell us more about this and the inner workings of it to excite us? Will this "source" become mainstream to everyday households or will it be so expensive that only a few can buy / use it?
NT: There is no such thing as energy independence, this term is political, not scientific. Your medium has been channeled the technology from several sources, pursued funding but not proceeded yet, because of resources. He will not receive investor support because no investor is willing; once the method works, investors will emerge from the pores of every person's skin and will no longer be necessary. I will describe the method briefly, and will say it is old and was used on Earth widely, in previous civilizations.

The Earth's surface magnetism is collected and built up to create a periodic spark; this discharge, similar to a very weak bolt of lightning, resembling an arc (and so far, often considered an error or mistake) will be fed into a crystal to amplify the energy and create a light pulse. This bright pulse of light will be used with photovoltaic cells or what are commonly called solar panels, to convert the light pulse into direct current flow. The source energy, Earth's natural surface magnetism, is abundant and permanent. It cannot be depleted or run down; the crystals likewise are made from a widely available, cheap material common everywhere on Earth. The chemistry in photovoltaic cells is already well known. The generation will have no moving parts, emissions or need for regular, periodic maintenance.

This method will not be widely used and popular until necessary, although it will draw great enthusiasm and interest when revealed to work. For now, it would be considered a hoax.

RQ10: You had a gifted brother, Dane Tesla, and you wrote in your autobiography that he was gifted to an "extraordinary" degree - Was his life mission to inspire and lead you to the electric inventor you became?
NT: Yes, in many ways, he was the slot, lock and key and I was the door which swung open and allowed the air to flow.

RQ11: I have an unusual battery that refuses to work to my satisfaction - If I ask you very very nicely, could you help me fix it? I don't see the point in throwing away.
NT: Batteries don't refuse. Ask the battery nicely, not me! It will be as nice in return as you are to it, when asking. If it never works to your satisfaction, you can get another one.

Comments

Yang 19/4/2016 03:58:53
Thanks Patrick and Mr Tesla for this interesting interview!

Denis 19/4/2016 09:41:10
Great interview Patrick, always interesting to hear what these celebrities have to say.

Frank LaRose 19/4/2016 14:41:46
Always enjoy these. Thanks Patrick.