



THE SPOKES SPEAK - GEARED TO SERVICE

Rotary Club of the North Fork Valley

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WEB SITES: www.rotary.org www.rotary5470.org www.paoniarotary.org

Meeting Thursdays at Noon in the Paonia Town Hall

District 5470

Club 1180

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LAST MEETING: May 19, 2016

ANNOUNCEMENTS: Doris Danielson led the Board in a strategic planning session. Greg Thompson, PE, thanked the club members for responding to the questionnaire. The Board is devising a plan, which will be presented as a program in the near future.

Larry Peth, a former club member, wants to organize a cleanup around the miner's statue in town park. Several club members will consult with him about making this a possible service project for us.

Managing the beer garden at the county fair is on hold until the former manager makes a definitive decision about whether to continue that project.

The Langes are scheduled to return to the valley in mid-June. We will certainly be happy to have them back.

Yet another report on Bob Lario's new house: The driveway is done.

Bill Bishop reported that he aced his "mental agility" test.

PROGRAM: Greg Thompson introduced Jeff Reicks, an engineer and contractor with the US Department of Energy. His presentation was about wave and tidal power generation. Having recently moved to the valley, he reported he was happy to be out of the Washington, D.C. work environment. [Bill and Sarah Bishop can readily sympathize. -ED]

Power generation from the ocean is a very young industry with lots of research and experimentation occurring. There is a lot of potential energy in the ocean. As we need energy from a lot of different sources, the ocean is clearly a piece of the puzzle. It could supply as much as 10% of US energy needs. Ocean power is very predictable - more so than wind or solar energy. There are two types of ocean power - wave and tidal. Reicks gave the example of the Bay of Fundy where there is a 52' change in tidal water level. More water flows in and out than all the fresh water in the world.

To generate electricity, turbines capture tidal or wave energy. Currently, lots of different methods are being tested to spin the turbine within a generator. The US is new to this game as the Europeans have been using tidal energy for some time. Though no country is generating marine energy at a massive utility scale yet, Scotland and Ireland are working on building such facilities. The ocean is a rough environment in which to work as one has to deal with sand and bio-mass among other things. Most facilities are 1 to 2 miles off shore.

ROTARY INTERNATIONAL: The April Rotary theme [there is no May theme] is The Rotarian Magazine. Below are excerpts from a lengthy essay Paul Harris wrote for the first issue of The National

Rotarian.

Vol. I. January, 1911. No. 1. "RATIONAL ROTARIANISM", by Paul P. Harris, National President.

[Part 7] No doctrine is immune from criticism. It is the part of wisdom to profit from rational criticism, not as much because of what other people think of us as because of what they cause us to think of ourselves.

Let us be in a position to defend ourselves in the event that Rotary undergoes trial, not by stentorian shouting of meaningless words but by logic that convinces. It is human nature to try people. If we put Rotary on the highest possible plane and keep it there, we shall experience no difficulty in obtaining witnesses the day our case is set. A grave responsibility lies on your shoulders and mine and let us for a moment hark back to the nonverbal text of the preceding pages "Toleration" then devote ourselves; first, to serious thought; second, to expression thereof. Rotary is a huge, powerful machine. Unguided, it could thrash down the aisles of time a menace to all mankind. Well directed it will become a humanizing instrumentality of which we need not be ashamed. With the realization of power, come men's greatest temptations and in their subjugation, the greatest and most lasting satisfaction. [Thus sayeth our founder in 1911. I found some of his expression quaint, but there was an underlying wisdom and encouragement to serve others. -ED]

UPCOMING MEETINGS:

- May 26: Gerald Espinoza, AmericorpVISTA working on Solarize Delta County
- June 2: Monica Wiitanen, updates to Cottage Industry law
- June 9: Paul Ramsey, A Little Help, organizing to serve seniors in the North Fork

