



NCKCC News

Handcrafted Automobiles

March 2015

Volume 33 No. 3



Chuck & Linda's new creation - 1934 Chev Phaeton

UP COMING EVENTS

- April 18, 2015 - AHA Annual Show at Nethercutt Museum, Sylmar, CA Info: www.replicarclub.com
- April 26, 2015 - Western Railway Museum. Rio Vista. Joe Tattersall, Champion
- May 9, 2015 - Niles "Spring Fever" Car Show

FROM THE PREZ

By the time you receive this newsletter, the Club's first activity of 2015 will have already occurred: the tour of Lawrence Livermore Lab on Tuesday, March 3rd. Although the tour sounded right up my alley, I was unable to attend due to another commitment. Hopefully, those that did attend enjoyed the day long tour. Vern has the tour info/pictures later in this newsletter.

April has a Club activity that I will be attending, a trip to the Western Railway Museum near Rio Vista on Sunday, April 26th. The Club traveled there a number of years ago and really enjoyed the visit. The WRM has since built a new visitor center which can handle a lot more visitors comfortably. Hope to see you there. Again, Vern has more WRM info in this newsletter.

Well, "That's All Folks". Hope to see y'all soon, Jim Wagner

DUES TIME - YET

We are making progress on dues paying season for 2015. It is still \$24 for the year. Please make checks payable to NCKCC.

I will use my usual procedure of listing the last names of those whose dues have been paid. 25 have already paid for 2015 and their names are listed below.

Barrilleaux	Bales
Bello	Boscacci
Clavelli	DeCato
Ellis	Elster
Fewell	Hance
Hendsch	Herman
Jacobs	Jermanis
Ketchel	Kipp
Kluber	Maddux
Mah	O'Connor
Smith	Tattersall
Wagner, J	Wagner, R
Walters	

Please check this section each month to see that I have received your dues payment. That way we can cross check on you, me and the USPS.

For those who want to pay by PayPal, we have an account to handle that option. If you already have a PayPal account you can select a 'personal' payment to nckcc@astound.net and there is no PayPal fee.

However you can also use a Visa or MasterCard credit card through PayPal, but in this case we ask you to add \$1 (\$25 total) to cover the PayPal fee.

To make a PayPal payment to NCKCC just send it to nckcc@astound.net That way I will receive an email advising me of your payment.

WELCOME NEW MEMBER

We are pleased to welcome new members Chuck & Linda Hendsch. They live in Brentwood (925) 516-7695. Chuck (with friends) has assembled a beautiful '34 Chev Phaeton powered by a 350 CID engine operating through a Turbo 350 transmission. They discovered us at a car show and that is one of their keen interests. (see cover photo)

Again, Welcome Aboard Chuck & Linda. We hope to see you and your car at many of our car display events in the future.

LAWRENCE LIVERMORE NATIONAL LAB TOUR

By Vern Hance

The Lab Tour was a success according to my source, Don Cooley. Sadly, I was unable to attend due to Carol's foot surgery. I now have a new job as caregiver, which explains the late newsletter this month. Hopefully, this job will be limited to 8-12 weeks.

Anyway, I talked to Don Cooley and he reported that he and Sheryl along with Larry & Evelyn Fewell made up the foursome that joined the lab tour group.

One of his favorite stops was the National Ignition Facility, which is the world's largest and most energetic laser facility ever built. NIF is also the most precise and reproducible laser as well as the largest optical instrument. The giant laser has nearly 40,000 optics that precisely guide, reflect, amplify, and focus 192 laser beams onto a fusion target about the size of a pencil eraser. One of the numerous objectives of NIF is to find a practical way to generate electricity from nuclear fusion.

A self-sustaining fusion burn has been achieved for brief periods under experimental conditions, but the amount of energy that went into creating it was greater than the amount of energy it generated.

What's needed next, for fusion energy to supply a continuous stream of electricity, is energy gain. The

National Ignition Facility intends to be the first fusion facility to demonstrate ignition and gain. NIF's fusion targets are potentially capable of releasing 10 to 100 times more energy than the amount of laser energy required to initiate the fusion reaction.

Current nuclear power plants, which use fission, or the splitting of atoms to produce energy, have been pumping out electric power for more than 50 years. But achieving nuclear fusion burn and gain has not yet been demonstrated to be viable for electricity production. For fusion burn and gain to occur, a special fuel consisting of the hydrogen isotopes deuterium and tritium must first "ignite." A primary goal for NIF is to achieve fusion ignition, in which more energy is generated from the reaction than went into creating it.

A fusion power plant would produce no greenhouse gas or other noxious emissions, operate continuously to meet demand, and would not require geological disposal of radioactive waste. A fusion power plant would also present no danger of a meltdown.

Another interesting part of the tour focused on studying Earth's carbon cycle. The term carbon cycle describes the complex processes carbon undergoes as it is transformed from organic carbon—the form found in living organisms such as plants and trees—to inorganic carbon and back again. Scientists are trying to understand the role played by huge tropical rainforests such as the Amazon River basin. In particular, they want to determine how long an ecosystem stores atmospheric carbon dioxide in its plants, soils, and rivers.

Another area Don mentioned was studies of weather variables to be able to predict the movement of air contaminants from volcanic eruptions, nuclear fallout, etc.

When Don reads this he may be amused, because I asked him to name a few highlights of the Lawrence Lab tour, however to add some substance I picked a few sentences from the Lab's website and created the above article. Sorry, Don, if I misinterpreted your comments.

WESTERN RAILWAY MUSEUM **VISIT APRIL 26th**

Kinda big gap between our March event and the April one, but start organizing yourself to attend this one.

With over 50 historic cars on display, 22 miles of track and 22 acres, the Western Railway Museum is ideal for a group outings. The Museum features historic railway exhibits, vintage streetcar and interurban train rides, a large shaded picnic grounds, our Museum Store, library archives, and Depot Cafe.

The Museum opens at 10:30, which sounds like a good time for our group to arrive. The next time-related activities to plan are the train rides and a guided tour of "Car House Three".

"The Interurban" is a 50-minute ride with panoramic views of the native wildflowers such as poppies, goldfields, and lupine. The trains depart at 11:00 am, 12:30 pm and 2:00 pm. Cost for coach tickets is \$11 for adults, \$10 seniors & \$8 for those 2-14. The ticket includes park admission. (Also for another \$6 you can upgrade to 1st Class and get lemonade & cookies served by a uniformed staff. Plus you can make reservations in advance at <http://bpt.me/1148538> or 800-838-3006, whereas Coach is 1st come - 1st served.)

There is also a 15-minute "Street Car" ride that departs every 30-minutes.

The Guided Tour of Rail Car House Three is available only at 1:15 pm.

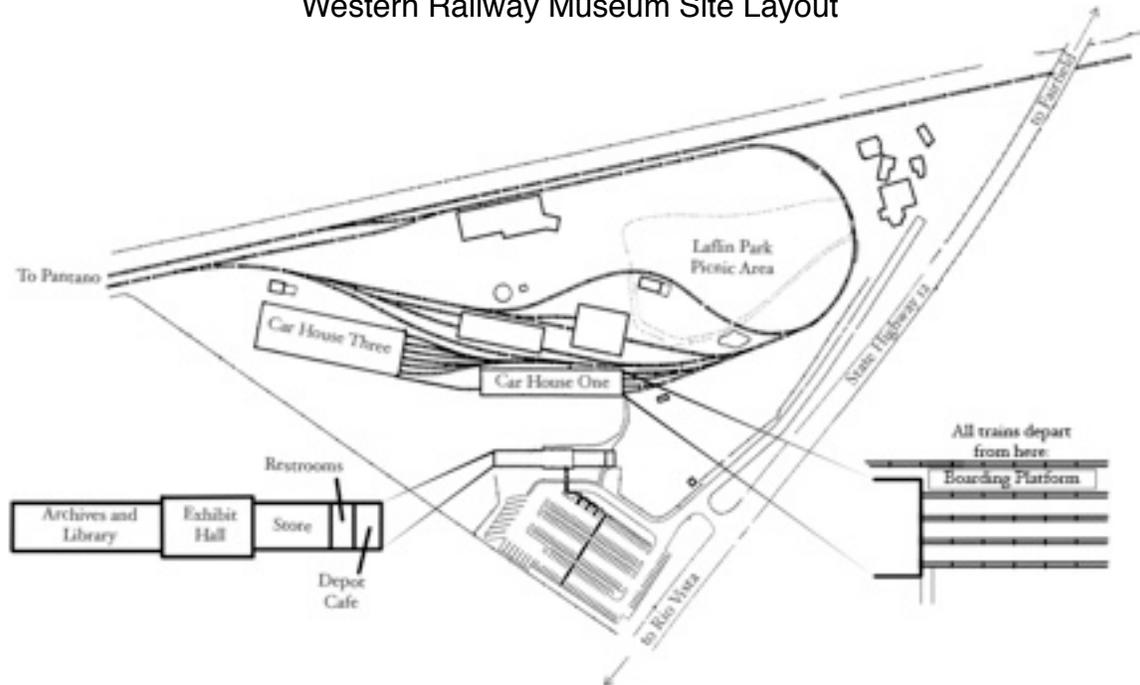
The Depot Café snack bar serves old-fashioned steamed hot dogs, chips, candy, snacks, sodas, ice cream, coffee, hot chocolate, hot cider, tea, and water. We have vegi-burgers for vegans and grilled cheese for vegetarians.

The Museum, Visitors' Center, modern restrooms, Depot Café, car houses, and parking lot meet the standards of the Americans with Disabilities Act. However, due to the historic nature of the trains, they are not wheelchair accessible.

The Museum is located at 5848 State Highway 12, Suisun City, CA 94585, phone (707) 374-2978. More info at <http://westernrailwaymuseum.org>

Make your plans now and let us know if you will attend. Call Joe Tattersdall at 707/386-2412 jsutstoy@aol.com; Jim Wagner 650/341-0211 jamesUU@comcast.net; Vern Hance 925/938-1442 nckcc@astound.net

Western Railway Museum Site Layout



AHA SHOW APRIL 18, 2015 **NETHERCUTT MUSEUM**

Don't forget the AHA show this year. It is again being held at the outstanding Nethercutt Automobile Museum.

For more information and registration forms go to <http://www.replicarclub.com>

To the best of my knowledge we have at least one NCKCC member that will be attending; Gary O'Connor with his "Woodster". He has made this trip (rain or shine) and many others without a top, but this year he has added that feature as shown below.



FOR SALE

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1600 engine.
New everything. Always garaged.
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WOW! GUESS CARS ARE SELLING.