IEEE Region 6 Awards – 2009-2010

NOMINATION FORM

(for Area Awards, and also for Region 6 Awards)

(This Nomination form is to be used by Sections for Area Award Nominations for all categories. This form is also to be used by Sections-via-Areas for Region 6 Award Nominations. Please use one form per Nomination.)

Area → [ ] Central, [ ] NE, [X] NW, [ ] Southern, [ ]SW

Award Category of the Nomination:

[ ] Outstanding Engineer Award
[] Outstanding Leadership and Professional Service Award
[ ] Outstanding Section Award
[X] Outstanding Corporate Service to Engineering Community Award
[ ] Outstanding Student Branch Award
[ ] Director's Special Award / Area Chair's Special Award

Name (Individual/Section/Student-Branch/Company):_
Schweitzer Engineering Labratories

Address: ___Elec 2350 NE Hopkins Ct. Pullman, WA 99163 __

Phone: ___ 509-332-1890 _____ e-Mail: __ info@selinc.com ___

Occupation: N/A_____

Title/Position: N/A._____

IEEE Grade: N/A_____ Date of Grade: N/A_____

Company: Type of Business, # of employees, etc._____

- Power System Automation and Protection
- Currently with 1800+ Employees National and Internationally

Proposed Citation: See Attached_____

_____

_____

Supporting information to be attached, as appropriate and applicable:

[] (a) Engineering Career (Brief Summary), (b) Education, (c) Research/inventions, (d) Contributions to engineering literature, (e) Contributions to IEEE activities, (f) Contributions to the community

[ ] Outstanding accomplishments of the Section

[X] (a) Company contributions to engineering, (b) Company support of IEEE activities, (c) Company contributions to the community (monetary and other relevant contributions)

[ ] Outstanding accomplishments of the Student Branch

[ ] Region 6 Director's Special Award / Area Chair's Special Award

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Palouse	Marc Berner
Section Name	Name of Nominator (Section Awards Chair or Section Chair)
Marc R Berner	Section Chair
Signature of Nominator	Title of Signer/Nominator
509.592.0755/ mrberner@ieee.org	4/29/09
Phone / e-Mail	Date
509.592.0755/ mrberner@ieee.org	
Signature of Area Awards Chair or Area Chair (for Region Awards)	Date

Note: This nomination form with attached summary and description of service and accomplishments must be submitted by the Section Chair to the respective Area Awards and Advancement Chair, by April 30, 2008. Nominations received after this deadline may not be considered for awards.

Schweitzer Engineering Laboratories

Schweitzer Engineering Laboratories (SEL) has demonstrated outstanding corporate service to the engineering community. SEL has donated its time, money, and equipment to many causes that have benefited the community. The following is a summary of the major accomplishments of SEL.

Syncrophasors Presentation (Page 2)

SEL President Ed Schweitzer exceeds IEEE Section expectations for monthly presentation. SEL provided manpower and presentation venue for the monthly IEEE meeting.

High School Engineering Team (Page 4)

"Schweitzer Engineering Laboratories, Inc. (SEL) hosted the nationally recognized Garfield-Palouse High School Engineering Design Team at the company's Friday lunch March 28, where the team presented its winning design, the Paraplegic Agricultural Lift (PAL), for a combine. The Garfield-Palouse team earned second place in the 2008 Junior Engineering Technical Society (JETS) National Engineering Design Challenge held in Arlington, Virginia."

Palouse Discovery Science Center (Page 5)

"In 2003, Schweitzer Engineering Laboratories, Inc. provided an 11,000-square-foot facility valued at $750,000 for the PDSC. In November 2003, the PDSC celebrated its Grand Opening in the new facility located in Pullman, Washington. For the past several years the Science Center has provided interactive science exhibits for the public, programs for visiting school classes and preschoolers, workshops for educators, educational birthday parties, and a variety of community events."

Equipment Donation to Washington State University (Page 7)

"Washington State University is upgrading the electrical distribution system on its Pullman campus, thanks to the donation of state-of-the-art digital protective relays, meters, and communication devices from Schweitzer Engineering Laboratories, Inc."

$100,000 Donation to Red Cross for Hurricane Katrina (Page 8)

"SEL is providing a $100,000 donation to the American Red Cross to help in the relief effort, and many of SEL's more than 1000 employees are personally donating to these efforts. SEL is eager to help restore power as rapidly as possible."

Syncrophasors Presentation

The Institute of Electrical and Electronic Engineers

April 8, 2008

Dr. Edmund O. Schweitzer III, President
Schweitzer Engineering Labs, Inc.
2350 NE Hopkins Court
Pullman, WA 99163

Dear Ed,

On behalf of the Palouse Section Executive Committee, we want to thank you for being our February guest speaker. The evening had 140+ people in attendance: which is the highest attendance we have had at one of the monthly section events. People from Pullman, Moscow, Cheney and Lewiston were in attendance. There was also representation from three Universities including Eastern Washington University, University of Idaho, and Washington State University. We also wish to extend our deepest appreciation for letting people tour SEL manufacturing, the use of the event center, drinks, and pizza for the evening. Finally, we would like to thank the other SEL employees who donated their time to make this event our most successful to date.

We would also like to thank SEL for allowing the section Executive Committee to meet once a month in the One Schweitzer Drive conference room to plan the monthly speaker meetings and other activities. Thanks to your continued support the IEEE Palouse Section is able to carry out the IEEE mission: *The IEEE promotes the engineering process of creating, developing, integrating, sharing, and applying knowledge about electro and information technologies and sciences for the benefit of humanity and the profession.*

Once Again, we extend our sincere gratitude to you and all the SEL employees who help support the Palouse Section.

Best Regards,

Mohammed Osman
and
The 2008 Palouse Section Executive Committee

SEL employees that helped to make the evening a great success:
Dave Whitehead
Facilities:
Tom Paulsen
Mike Kauffman
Bob Wyszczelski
Brad Allenbach
Monte Carper
Lonnie Miller
Pat Niehenke
Brian Wernecke
Gary Wilson
Gary Boone
Brad Chandler
Jesse Cheney
Richard Cooper
Cliff Dudley
Bill Hurst
Daren Keifer
Aaron Tomasch
Bryant Wernecke
Jeff Weiber
Tony Hanyes
Laura Griebling

Worked on the Demos:
Armando Guzman
Fernando Calero
Venkat Mynam
Yanfeng Gong
Marcos Donolo
Mike Stubbers
Monty_McCoy

Information services/ Event Center
Amberly Boone
Dave Waltner
Robert Kunze

SEL One
Melanie Weller
Marsha Royer
Susan Fagan

Manufacturing Tours
Terri Klein
Sandy Zakarison
Cheryl Baysinger
Tim Scott
Gina Taruscio
Gerald Eickhoff
Dena Robinson

High School Engineering Team

Copied From: http://www.selinc.com/press/2008_releases/pressrelease01_2008.htm

Garfield-Palouse Engineering Team Presents to SEL Friday Lunch

April 1, 2008

PULLMAN, WA – Schweitzer Engineering Laboratories, Inc. (SEL) hosted the nationally recognized Garfield-Palouse High School Engineering Design Team at the company's Friday lunch March 28, where the team presented its winning design, the Paraplegic Agricultural Lift (PAL), for a combine. The Garfield-Palouse team earned second place in the 2008 Junior Engineering Technical Society (JETS) National Engineering Design Challenge held in Arlington, Virginia.

The national academic competition challenges students to apply math and science to solve real-world engineering scenarios. The Garfield-Palouse students enhanced a lift developed by Warren and Sean Neal of Garfield by adding electronic and mechanical components to make it operate through remote control. The added features permit the user greater self-sufficiency in the workplace. The team presented its project at the national competition in February, where it also received the Most Innovative Design Award.

The Friday lunch demonstration highlighted the plans and prototype construction in developing the PAL. The students used a winch to lift and lower the user to and from the combine catwalk; a modified garage door push-pull system to move the user from the starting point to the combine catwalk and vice versa; and a linear actuator to pivot the person, in a smooth motion, into and out of the combine cab.

SEL President Edmund O. Schweitzer said he was excited to see such young minds doing amazing things. "Inventing products and machines that help society is the result of dedication to science and math education," Schweitzer said, "and we are committed to supporting these efforts." SEL donated equipment, and SEL Development Manager Robert Lopez provided engineering as well as monetary support for the project.

Competing against 250 teams seemed daunting, the students said, but their national presentation "was a huge success, and it couldn't have gone better." Team adviser Jim Stewart said the students represented their school and their communities with enthusiasm and respect.

Team members included students Colby Cocking, Sean Neal, Beau Fisher, Miles Pfaff, Spencer Gray, Aaron Rager, Anna Iverson, Katie Redman, Travis Mallett, and Steven Tronsen.

SEL serves the electric power industry worldwide through the design, manufacture, supply, and support of products and services for power system protection, monitoring, control, automation, and metering. SEL offers unmatched local technical support, a worldwide, ten-year product warranty, and a commitment to making electric power safer, more reliable, and more economical.

Palouse Discovery Science Center

Excerpt From: http://www.palousescience.org/default.asp?PageID=2

Brief PDSC Overview

In 2003, Schweitzer Engineering Laboratories, Inc. provided an 11,000-square-foot facility valued at $750,000 for the PDSC. In November 2003, the PDSC celebrated its Grand Opening in the new facility located in Pullman, Washington. For the past several years the Science Center has provided interactive science exhibits for the public, programs for visiting school classes and preschoolers, workshops for educators, educational birthday parties, and a variety of community events. The PDSC serves a 4,720-square-mile area in northern Idaho and eastern Washington that is rural and largely agricultural, with approximately 134,000 residents. Three higher-education institutions are in the region: The University of Idaho, Washington State University, and Lewis-Clark State College. This service area includes 1,753 members of the Coeur d'Alene Indian Tribe and 3,296 members of the Nez Perce Tribe. The PDSC provides a unique resource for informal science learning in the rural communities of northern Idaho and eastern Washington. The nearest science centers providing similar services are in Seattle, Portland, and Boise.

The Science Center's main offerings include exhibits, programs, community outreach, a meeting room for civic clubs (Chamber and other organizations) and the Curiosity Shop (the best science gift shop on the Palouse!). All elements feature multi-age appeal and interactive materials. The PDSC serves as a region-wide science center, but currently serves mostly families, preschoolers, and the ~20,000 school-age children in the rural areas of, and including, the Moscow/Pullman area. Field trip school programming, educator workshops, camp-ins, and events for adults are just some of the programs that have been provided for visitors of all ages.

Mission Statement

The Palouse Discovery Science Center is bringing hands-on science and learning experiences to people of all ages. We are a non-profit organization whose purpose is to further the public's understanding of science and technology through the use of educational programs, exhibits, teaching collections, and

activities which emphasize the physical participation of individuals. The Center's offerings will support and enhance science in both formal (such as school systems) and informal situations involved with life-long learning.

Equipment Donation to Washington State University

Excerpt From: http://www.wsunews.wsu.edu/detail.asp?StoryID=5898

WSU Installing Equipment Donated By Schweitzer Engineering Laboratories

PULLMAN, Wash. – Washington State University is upgrading the electrical distribution system on its Pullman campus, thanks to the donation of state-of-the-art digital protective relays, meters, and communication devices from Schweitzer Engineering Laboratories, Inc. (SEL).

The donated equipment, worth more than $178,000, includes six distribution protection relays, 44 overcurrent/reclosing relays, 60 revenue metering systems, eight communication processors, and six system computing platforms. The devices are being installed in the WSU Power Plant and the East Campus Substation.

The installation benefits WSU by replacing old protective relays, some of which are more than 44 years old. The upgrade will also replace meters with new technology that will enable energy studies and usages for each building. SEL will provide engineering analysis and technical support.

"These upgrades will reduce safety hazards for WSU staff who work on these systems, improve the reliability of our power distribution systems, and significantly enhance our ability to diagnose and resolve power disruptions that may occur," said Lawrence Davis, associate vice president for WSU's Facilities Operations.

SEL president and founder Ed Schweitzer said donating the equipment to upgrade WSU's Power Plant and East Campus Substation created a unique opportunity for both parties.

"It shows the high level of cooperation between WSU and SEL and will reap many benefits for both organizations," he said. Schweitzer taught electrical engineering courses at WSU before founding SEL and said he still gets excited about teaching and creating hands-on learning environments for students.

The donation provides an opportunity for students to assist in the programming and installation of SEL equipment. Senior electrical engineering students studying power distribution are using the equipment in their design projects, gaining knowledge and experience by developing the required diagrams and programming the digital protective relays. WSU instructors will continue to incorporate the equipment into senior design projects for several semesters.

SEL provided two courses, taught at SEL University for one week, for three WSU Facilities Operations engineers. The courses gave the engineers an introductory overview of the relay equipment used in the installation and its theory of operation and application.

WSU is working with SEL on planning a ribbon-cutting ceremony to be held once installation is complete, which is expected to be this fall or early next spring.

$100,000 Donation to Red Cross for Hurricane Katrina

Excerpt From: http://www.selinc.com/pdfdocs/disaster_pr_R3.pdf

SEL Gives 30–50% Disaster Discount to Customers With Hurricane Katrina Damage and Makes $100,000 Donation to the American Red Cross

PULLMAN, WA — Schweitzer Engineering Laboratories, Inc. (SEL), a leading manufacturer of protection, monitoring, control, automation, and metering equipment, has always provided special discounts and expedited delivery to customers that have suffered from disastrous natural events. After witnessing the devastation to much of the Southeast United States following Hurricane Katrina, SEL is increasing its existing disaster discount, offering 30-50 percent off list price, depending on product type.

On a day-to-day basis, it's easy to take for granted the convenience of electric power, but during a disaster like Hurricane Katrina, electric power is not just convenient—it is critical. Hospitals, fire stations, and medical clinics need electric power to care for the sick and injured. Fresh water and food supplies depend on the availability of electric power. SEL recognizes the extraordinary challenges created by a natural disaster, and wants to assist in the quick and safe restoration of electric power.

SEL is providing a $100,000 donation to the American Red Cross to help in the relief effort, and many of SEL's more than 1000 employees are personally donating to these efforts. SEL is eager to help restore power as rapidly as possible.

Learn more about SEL's disaster discount at www.selinc.com/dd.