



The Whistle

FHEA

VOLUME XXX, NUMBER 1

SPRING 2014



Greetings everyone: this is the first of four articles I will write to the membership as the 2014 State President. First and foremost, I want to say I am proud and excited to be leading such a diverse and knowledgeable group as the Florida Healthcare Engineering Association. In the years I have been a member of this organization, I am always amazed at the amount of knowledge and experience displayed at every

meeting; you are truly the best at what you do! I am very excited to be working with an excellent and engaged Board of Directors this year, and I extend my thanks to each of you for all you do.

The President's Corner

SCOTT McCORMICK, CHE, CHFM, CHSP

I would like to recognize Norm Epps, CHE, CHEP, your State Vice President, who graciously stepped up and took the reins as VP when asked to do so. He has taken on his role with vigor and is doing an awesome job—thank you, Norm! I would also be remiss if I didn't recognize our Immediate Past President, David Kovacs, CHE, who won the 2013 ASHE Emerging Regional Leader Award and did an outstanding job of setting up a committee to increase membership statewide for FHEA. This is paying dividends in increased membership in all districts! In other ASHE related news, our candidate for the Emerging Leader Award this year is John Willingham, CHE, FHEA past president, and currently serving on the board as Codes and Standards Chair. Congratulations and good luck, John!

The 30th FHEA Spring Meeting is being held this year May 8-9, 2014 at Sandestin Golf and Beach Resort in Sandestin, FL. We have secured a talented and informative faculty that I know will bring you the latest information to help us all in our trade. Once again, Alethea Vitray, your Executive Director has done a wonderful job of setting up, planning, and scheduling this event

which has quickly sold out the designated 35 vendor tabletop spaces. I don't know what we would do without her.

For all you golfers out there, don't forget the 7th Annual Spring Meeting Golf Scramble this year; it is being held nearby at the Indian Bayou Golf Club in Destin. As always I can't thank Greg Hodgson enough for his work in putting together another successful golf outing. The Sandestin area provides access to some of the most beautiful beaches in Florida as well as great dining venues and incredible shopping; I look forward to seeing many of you there!

Be sure to save the date for our 52nd Annual Meeting and Trade Show set for September 22-24, 2014; we are returning to the Hilton Orlando again this year. Rest assured we are already looking ahead to make this year's FHEA meeting, held jointly for the 18th year with the AHCA Seminar, to be

one of the best ever. We have secured George Mills with the Joint Commission to speak at this year's meeting and will look to him to provide an excellent learning opportunity for everyone.

In my membership renewal letter I mentioned the CHE certification and the advantages and ease of achieving this designation. One of my goals this year is to increase the number of members with the CHE certification. In 2012 we had 32 CHE's, in 2013 we had 36, and so far this year we are already up to 39. I would love to see more applications at the next board meeting and really get the number up! Remember the CHE application can be found in the "Forms" section of FHEA.org website. In today's competitive world, this certification shows both your employer and any prospective employer, your dedication to education and to achieving and maintaining a high standard of proficiency and professionalism in the healthcare engineering field, and we all know every little bit helps.

Finally I would like to say thank you to Jim "Hutch" Hutchinson and Rick Zurich for their help to the board as we begin laying the groundwork for taking more responsibility for the AHCA seminar. I also would like to reiterate how proud I am to be your state president and look forward to this year with great anticipation!

30th Spring Meeting **SPONSORS**

We are truly indebted to the following companies who have generously provided sponsorships for this conference.

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FHEA 30th SPRING MEETING • May 8-9, 2014

Sandestin Golf & Beach Resort, Destin, FL

Challenges of Regulatory Changes



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Executive Managing Principal
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Martin R. Perrone
Certified TEGG Rep
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Pete Laird
Project Manager
Gobbell Hays Partners



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Wayne Klingelsmith,
CHFM, FASHE
Principal
MSL Healthcare Consulting

PROGRAM

**Register
online now!**
www.fhea.org

THURSDAY, MAY 8, 2014

A.M.

8:45 7th Annual Golf Scramble
Indian Bayou Golf Club
Destin, Florida

P.M.

2:00 Early Registration
4:00 Board of Directors Meeting (*Jasmine*)
6:00 Hospitality Suites

FRIDAY, MAY 9, 2014

A.M. Meeting Room: *Magnolia ABC*

7:00 Registration/Table-Top Displays/
Continental Breakfast

8:15 Welcome/Announcements/Introductions
– *Scott McCormick, CHE, CHFM, CHSP*
FHEA State President

8:30 **“Retro-Commissioning in Hospitals” - part I**
– *Ed Tinsley, PE, LEED AP, CEM, CHFM*
Executive Managing Principal
TME, Inc.

9:15 **“Retro-Commissioning in Hospitals” - part II**

10:00 Break/Table-Top Displays

10:30 **“Arc Flash Safety Training**

– *Martin R. Perrone*
Certified TEGG Representative
Carpenter Electric

11:15 **“New EPS Moisture Guidance Document”**

– *Pete Laird, Project Manager and*
– *Mark L. Smith, VP Florida Operations*
Gobbell Hays Partners, Inc.

Noon Luncheon (*Azalea 1&2*)
– visit Table-Top Exhibits

P.M.

1:15 **“Have You Accepted the CMS
Life Safety Code Waivers?”**

– *Wayne Klingelsmith, CHFM, FASHE*
Principal
MSL Healthcare Consulting, Inc.

2:00 Questions & Answers
Closing Comments/Evaluations
Door Prizes

– *Scott McCormick, CHE, CHFM, CHSP, President*

2:30 Adjournment

30th Spring Meeting Exhibitors

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ONE IN AN OCCASIONAL SERIES:

37 EPSS "POINTS OF FAILURE" OFTEN OVERLOOKED BY DESIGNERS AND INSTALLATION CONTRACTORS

Remote Manual Stop Stations in Emergency Power Supply Systems (EPSS)

—Dan Chisholm, President – MGI Consulting

Q Our fire inspector just gave us a pink slip because we didn't have an emergency shut off for our generators. Is this valid?

A Yes, if the inspector is citing NFPA 110. NFPA 110, 5.6.5.6 states: "All installations shall have a remote manual stop station of a type to prevent inadvertent or unintentional operation located outside the room housing the prime mover, where so installed, or elsewhere on the premises where the prime mover is located outside the building." An appendix item at A-5.6.5.6 suggests: "For systems located outdoors, the manual shutdown should be located external to the weatherproof enclosure and should be appropriately identified."

Recently we performed a post-mortem on multiple generators located in a single room where an exhaust silencer exploded on one generator. The explosion occurred during a load bank exercise because an accumulation of unburned diesel fuel ignited in an improperly designed exhaust system.

After the explosion the wounded generator continued to run and filled the room with 400°F exhaust, activating the sprinkler system, which in turn watered down all generators, which were producing medium voltage current.

When the technician on duty peered through the switchgear window into the generator room all he could see was dense smoke and water accumulating on the floor, engines, control panels and alternator. A decision was made not to enter the room to shut the engines down at the control panels, as the room was now over 150°F, and "electric". The technician also made the decision to turn off the fuel oil supply (FOS) valve, which was fortunately located outside the generator room.

Unfortunately he also closed all fuel oil return (FOR) valves, which immediately disabled several engine components resulting in diesel fuel spewing from two engines and mixing with the sprinkler water. This mixture flowed into the floor drains and from there into the great beyond where the

local EPA become involved. The generators continued to run until the fuel supply was depleted. Eutectic valves in the FOS may have helped in other scenarios, but since they would have been located only one foot above floor level, it is unlikely they would have helped much in this instance.

Remote manual stop stations have now been installed (one for each generator) in the switchgear room, and staff education programs put in place for maintenance and testing protocols.

Dan Chisholm, President – MGI Consulting: Dan has provided Emergency Power Supply Systems (EPSS) consulting services to over 1500 healthcare facilities. Dan serves as a member of the National Fire Protection Association's Technical Committee responsible for NFPA 110, Emergency and Standby Power Systems and the Electrical Section of NFPA 99, Health Care Facilities while also serving as a primary emergency power consultant to the U.S. Army Medical Department (AMEDD) and the Department of Defense.

Welcome New Supporting Members

The following individuals have joined our growing ranks since our last newsletter.

JAMES LAVOLD

President
SAFE Firestop Contractors
Jupiter, FL
561/747-5050
jimlavold@msn.com

BILL CARSON NEW COMPANY

Director of Business Development
Gulf Mechanical
Leesburg, FL
352/630-8807
bcarson@gulfm.com

JAIME S. CALDWELL

Vice President
South FL Hospital & Healthcare Assoc.
Dania Beach, FL
954/964-1660
jcaldwell@sfhha.com

LEANNE BORZA

National Account Executive
National Disaster Solutions
Hollywood, FL
954/964-2906
lborza@ndsrecovery.com

ROBERT J. BOHRER

Owner/Director of Education
Hazmat & Advanced Training Solutions, LLC
Port Saint Lucie, FL
561/707-6837
hazmatadvancedsolutions@yahoo.com

KELLY MALLOY

Service Account Manager
SimplexGrinnell
Orlando, FL
407/949-1076
kmalloy@simplexgrinnell.com

SANDY TULECKI

Marketing & Training Manager
Trane
Tampa, FL
813/877-8251
sd tulecki@trane.com

JESSE A. RAJALA

Regional Account Manager
Crowther Roofing and Sheet Metal of FL
Ft. Myers, FL
561/374-4329
jesser@crowther.net

LORI WOOD

Director of Marketing
LSS Life Safety Services
Louisville, KY
1-888-675-4519
lwood@lifesafetyservices.com

MATTHEW D. KLEE

Sales Consultant
ASSA ABLOY / DSS of Florida
Coconut Creek, FL
954/789-3231
mklee@assaabloydss.com

ED FERNANDEZ

Account Representative
ASCO - Emerson Network Power
Longwood, FL
305/439-9143
eduardo.fernandez@emerson.com

MICHAEL SMITH

Managing Director
Brite LED Lighting, LLC
Miami, FL
305/400-8931
msmith@briteLEDlighting.com

CORY YOWN

Engineer
Yown's Boiler Service, Inc.
Jacksonville, FL
904/786-1645
cyown@yowns.com

MARY BETH REED

Director Marketing/Business Devel.
Roof System Services
Pompano Beach, FL
954/972-3710
marybeth@roofsystemservices.com

KERRY HERBSTTRITT

Assistant VP Sales
Interconn Resources
Birmingham, AL
904/598-4088
kerryh@interconnresources.com

A.J. PHILLIPS

E-Commerce Manager
Energy Control.com
Davie, FL
954/739-8400
ajp@energycontrol.com

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bills@mtausa.com

RICK EMHOFF

Facility Rep - South Florida
Medical Technology Associates, Inc.
Largo, FL
954/325-3935
ricke@mtausa.com

TOM McCABE NEW COMPANY

Commercial Sales Manager
Mastercraft Flooring Distributor
Lake Mary, FL
407/415-6765
tomm@mastercraft.com

JOHN D. YODER

Director of Sarasota Operations
DeAngelis Diamond Healthcare Group
Sarasota, FL
941/952-3846
johny@ddhealthcaregroup.com

JENNIFER PETTA

Sales & Business Development
Stromquist & Company
St. Petersburg, FL
404/695-2613
jenpetta@yahoo.com

GUS UEBELSTEADT

Sales Representative
Sherwin-Williams Paints
Cantonment, FL
850/316-7246
swrep6997@sherwin.com

ROBIN FREIBERGER NEW COMPANY

Director Bus. Develop. - SE Region
Barton Malow Company
Orlando, FL
407/352-8880
robin.feiberger@bartonmalow.com

CHARLES FELIX

Owner/Publisher
South Florida Hospital News & Healthcare
Boca Raton, FL
561/368-6950
charles@southfloridahospitalnews.com

ED XANDERS

Account Executive
Tandus Centiva
Saint Johns, FL
904/535-6791
exanders@tandus-centiva.com

CRAIG OVERHOLT

President
Overholt Construction Corp
Cutler Bay, FL
305/234-9677
coverholt@overholtcc.com

MARK WOEHRL

Vice President of Construction
Comprehensive Energy Services, Inc.
Longwood, FL
407/682-1313
markw@cesmechanical.com

PETE SMULCHESKI

Healthcare Project Manager
Comprehensive Energy Services, Inc.
Longwood, FL
407/682-1313
petes@cesmechanical.com

DALE PURVIS, RRC, RRO, CDT, LEED AP

Service Associate NEW COMPANY
RJH & Associates, Inc.
Pensacola, FL
850/533-0383
dpurvis@rjhassoc.com

ALEX SAXON

Account Manager
Trane
Longwood, FL
407/660-1111
asaxon@trane.com

BRANDON VANTUIJN

Account Manager
Airmax Service Corporation
South Miami, FL
305/665-3238
brandon@airmax.com

BRIAN K. KEEMER

National Sales Manager
Schneider Electric
Lakewood Ranch, FL
732/310-9284
brian.keemer@schneider-electric.com

PORTER C. CROFT

Branch Manager
Western Waterproofing Co. of America
Pompano Beach, FL
954/974-4677
porterc@westerngroup.com

JOHN MITCHELL

Project Mgr Business Development
Coastal Mechanical
Orlando, FL
321/266-6981
jmitchell@coastalmechanical.com

RACHAEL ROSSMEISSI-STONE

Senior Environmental Project Mgr
ECS Florida, LLC
West Palm Beach, FL
561/840-3667
rossmeissi@ecslimited.com

BLAIR D. BURK, JR.

President
Medical Facilities Construction Group, Inc.
Deltona, FL
386/860-3443
budmfcg@cfl.rr.com

ANTHONY CONNERY

Territory Sales Manager
Multivista
Winter Springs, FL
941/524-2801
t.connery@multivista.com

STEPHEN CIESLAK

Sales Engineer - Filtration
Protec, Inc.
Miami, FL
305/979-4898
scieslak@protecinc.com

KATHY M. CALDWELL

Medical Sales Specialist
Linde
Port Charlotte, FL
803/984-9196
kathy.caldwell@linde.com

ANDREW E. KELLY

S FL Territory Sales Manager
Yorkshire Commercial Flooring Distributor
York, ME
866/996-7563
andrew.kelly@yorkshire.com

GUIDO X. SALAS

Sr. Building Envelope Consultant
P.S.I., Inc.
Orlando, FL
407/304-5560
guido.salas@psiusa.com

PETE TAYLOR

President/CEO
Standard Roofing of Montgomery, Inc.
Pensacola, FL
800/239-5705
srsouth@standardtaylor.com

SCOTT WARD

Business Development North FL
MC2 Incorporated
Sanford, FL
407/859-3801
sward@mc2inc.net

CHRIS SMITH

Project Manager
JCON Commercial
Tampa, FL
813/384-2340
csmith@jconcommercial.com

JONATHAN M. DAVIS

Territory Manager
Garratt Callahan Company
Atlanta, GA
404/691-7440
jdavis@g-c.com

DJ PARKER, LEED AP, BD&C, QCXP

Project Manager
Matern Professional Engineering
Jacksonville, FL
904/296-2911
djpark@matern.net

DANNY J. KANE

Chemical Engineer
Nalco/Ecolab
Plantation, FL
954/495-7693
daniel.kane@nalco.com

CARMELO COLON

Account Engineer
NALCO an Ecolab Company
Hollywood, FL
954/559-6298
carmelo.colon@nalco.com

MIKE RIZZO

Director/Manager
W.W. Gay Mechanical Services, Inc.
Port Orange, FL
386/322-3604
mrizzo@wwgms.com

TOMMY HUNTER

Vice President
RTD Associates, PA
Matthews, NC
336/324-8773
tommy.hunter@RTDAssociates.com

CATHY J. URESTI

Sales Manager
Anchor Floor & Supply Co.
York, ME
207/363-5122
cathy.uresti@yorkshire.com

TIM CHANDLER

Tutela Electronic Security
Brunswick, GA
912/270-1527
tchandler@tutela.us

HEIDI PABON

Marketing Manager
Link Construction Group, Inc.
Miami, FL
305/665-9826
hpabon@linkconstructiongroup.net

KEVIN D. GAJEWSKI

District Manager - South Florida
Chem-Aqua, Inc.
Jacksonville, FL
954/605-1413
kevin.gajewski@nch.com

DIANA HANSLEY

EIT
Matern Professional Engineering
Jacksonville, FL
904/296-2911
dhansley@matern.net

JON RIDLEY

Regional Marketing Manager
BMS Cat
Pompano Beach, FL
786/405-5472
jridley@bmscat.com

SHELLEY SIMMS

Business Development Manager
 Empire Roofing
 Sunrise, FL
 954/972-7338
 shelley@empireroofing.com

HANK GODDARD

CEO
 Mainspring Healthcare Solutions
 Waltham, MA
 781/250-8818
 hgoddard@mainspringhealth.com

R. PHILLIP BROOKER

Sales Engineer
 GSI Services, LLC
 Daphne, AL
 251/621-0770
 phillip.brooker@gsii.net

PAUL PANNIER

Senior Project Manager
 Acai Associates
 Ft. Lauderdale, FL
 954/484-4000
 ppannier@aecmworld.com

RODNEY ARMSTEAD NEW COMPANY

Account Manager - Controls
 Trane
 Maitland, FL
 407/595-5458
 rodney.armstead@trane.com

AARON SMITH

Regional Engineer
 CHS Professional Services, Inc.
 Franklin, TN
 615/924-2923
 aaron_a_smith@chs.net

NATE JONES

Electrical Engineer
 Carastro & Associates, Inc.
 Tampa, FL
 813/874-9494
 nate.jones@carastro.com

FRANK DEVARONA

Service Manager
 P&A Roofing and Sheet Metal
 Orlando, FL
 407/650-9541
 fdevarona@pa-roofing.com

ALEXANDRA LABARR NEW COMPANY

Business Development Mgmt.
 Best Roofing
 Fort Lauderdale, FL
 954/941-9111
 klowe@bestroofing.net

MARK MARTYAK

Chief Sales Officer
 PowerSecure, Inc.
 Wake Forest, NC
 919/556-3056
 mmartyak@powersecure.com

TROY DYCK

Mechanical Engineer
 Carastro & Associates, Inc.
 Tampa, FL
 813/874-9494
 troy.dyck@carastro.com

CHARLES J. RAPP

Orlando Territory Manager
 Garratt Callahan
 Ocoee, FL
 407/729-4441
 chiprapp@g-c.com

JEFFREY GRENE

Business Development
 Power Knot
 Miami Beach, FL
 786/587-2008
 jeff.grene@powerknot.com

MICHAEL D. YOUNG

President
 ACY Contractors, LLC
 Orlando, FL
 407/792-2709
 mdyoung@acycontractors.com

SANDIE FOLAND

CEO
 Baron Sign
 Riviera Beach, FL
 561/721-0691
 sandie@baronsign.com

RANDY A. HOLBROOK

Service Manager
 Empire Roofing SE, LLC
 Orlando, FL
 407/728-8801
 randy@empireroofing.com

FELIX ROBINSON

Project Manager
 Facilities Survey, Inc.
 Orlando, FL
 407/808-2360
 frobinson@facsur.com

VAN HOUSEHOLDER

Driveway Maintenance, Inc.
 Fort Myers, FL
 239/226-0300
 vhouseholder@driveway.net

BRAD WILLNECKER COMPANY MERGER

District Sales Manager
 Hiller Systems
 Pensacola, FL
 850/471-2490
 bwillnecker@hillercompanies.com

7th Annual Spring Meeting Golf Scramble

May 8, 2014 – Indian Bayou Golf Club

Thanks to the generosity of supporting member companies, this event is free for our active members.

If you are interested in sponsoring a foursome, or being included in a foursome, please contact Greg Hodgson at 813/841-3223 or gchbuilder@gmail.com

**Many thanks to
 our Golf Scramble Sponsors
 and our volunteers!**

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SAVE THE DATE

**FHEA 52nd Annual Meeting & Trade Show/
AHCA 30th Annual Seminar
September 22-24, 2014
Hilton Orlando**

Visit www.ahcaseminar.com for info and to register!

Do not delay in registering and securing your room!

Summer Board of Directors Meeting

July 18, 2014

Fort Lauderdale Marriott Coral Springs Hotel
Golf Club & Convention Center

We were saddened to hear of the passing of Life Member **ISADORE "IKE" STEIN** on February 14 of this year. Our thoughts are with his family at this time.

CALL FOR ARTICLES – The FHEA uses this newsletter to showcase informational articles about issues critical to healthcare facility operation, maintenance and compliance. Please send your submissions for consideration to: fhea@earthlink.net

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