PSPE Registration Act Task Force Recommends Change

At its January meeting, the PSPE Board of Directors accepted a report from the Registration Act Task Force which it had created last year to develop recommended changes to the licensing law. While the list of recommended changes is not long, some of the changes represent a significant departure from current practice. In particular, elimination of exemptions and redefining the protected titles under the Act may not be universal supported. A survey has been created to get your input on all of the proposed changes included in the recommendations. Your input is essential to this early step in making public policy.

Visit www.pspe.org to take the survey.

Inside:

President’s Message 3
Applications for Engineer and young Engineer of the Year 4
PSPE 2013-14 State Officer Nominees 6
NSPE Code of Ethics for Engineers

Engineers’ Creed

As a Professional Engineer, I dedicate my professional knowledge and skill to the advancement and betterment of human welfare. I pledge:

To give the utmost of performance;

To participate in none but honest enterprise;

To live and work according to the laws of man and the highest standards of professional conduct;

To place service before profit, the honor and standing of the profession before personal advantage, and the public welfare above all other considerations.

In humility and with need for Divine Guidance, I make this pledge.

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President’s Message
Michel J. Sadaka, P.E., F.NSPE
PSPE President 2012-13

“Celebrate Awesome” was the theme for this year’s Engineer’s Week Celebration. This is the 63rd such celebration since Engineer’s Week was started in 1951 by the National Society of Professional Engineers in conjunction with President George Washington’s Birthday.

What is so awesome (formidable, amazing, wonderful) about Engineers that is worthy of celebration? Awesome is the profession that is dedicated “to safeguard life, health or property and to promote the general welfare”, awesome is a profession dedicated “to place service before profit, the honor and standing of the profession before personal advantage, and the public welfare above all other considerations”.

All of that is done while innovating and solving problems, while working to improve the world in which we all live.

So let us celebrate all Engineers for their positive contributions to society and their constant efforts to improve and enhance the world we live in; let us not be shy as to the contributions we make and the importance of what we do; let us encourage future generations to join the Engineering profession.

In my first message, I informed you that during this year my focus will be on the steps needed to advance our Professional Society. One of the areas targeted as the means for advancement is the updating of the Pennsylvania Engineer’s Registration Act.

The objective is to revise the outdated sections of the Act to bring it in conformity with the majority of Registration Acts in other States and to level the “Engineering” playing field.

I am pleased to report that the Registration Act Task Force completed its review and presented its recommendations to the PSPE Executive Committee and to the full PSPE Board in the January 2013 meetings. After a very lively discussion, the Board unanimously approved the task force recommendations.

So, what were the recommendations? And what does that mean in terms of the next step forward?

1. Eliminate the licensure exemption for the following:
   a. Practicing for less than 30 days in PA by a PE from another state
   b. Employees of public utilities
   c. Employees of industry
   d. Engineering work performed upon property owned by such person or such copartnership, association or corporation, unless such practice affects the public safety or health or the property of some other person or entity
   e. The preparation of shop drawings and construction management services
   f. The teaching of Engineering
2. Only licensed engineers may use the title of “Professional engineer”
3. Change the term “engineer in training” to “engineer intern”
4. Allow graduate engineers to use the title “engineer”
5. Specifically provide for use of electronic seals

As we commence the effort to get the legislature to implement the above recommendations, we would very much like to hear from you. Do you agree or disagree with the above recommendations? Are there other changes you would like to see us pursue? Are you willing to support our legislative efforts by contacting your legislative representatives?

We prepared an online survey to solicit your feedback. Visit www.pspe.org to access the survey.
PSPE and NSPE annually recognize performance and accomplishments of chapters, individuals, projects, and other professional organizations whose efforts enhanced the integrity of our professional engineering society or the stature of our engineering profession. Following are various annual awards administered by your state and national society.

These awards recognize exceptional engineers. These individuals, through their efforts, are the epitome of the Professional Engineer. The **PSPE Engineer of the Year Award** recognizes an outstanding, distinguished engineer not necessarily only for their work for PSPE, but for overall activities and achievements. Occupational and professional achievements, civic, political, and engineering affairs, and education represent the primary selection criteria for the Engineer of the Year award.

The **PSPE Young Engineer of the Year** award recognizes an outstanding engineer no older than 35 as of Jan. 1, 2013. Evaluation criteria include collegiate achievements, professional and technical society activities, engineering experience, publications/patents, major engineering project achievements, and additional activities, such as civic, fraternal, or humanitarian endeavors. Winners at the state level may be nominated for the national NSPE Awards.

The **Chapter Membership Growth Award** is presented to the Chapter having the largest percent increase in membership for a given year. The measure of growth will be based upon the percentage of increase in membership for the period of one year, from May 31 of the previous year to June 1 of the current year.

The **Chapter Outstanding Program Award** is presented to the Chapter whose overall programs during the year judged to be the most informative and which achieve in content the professional and timely objectives of the Society. Attention is given to special programs which promote significant membership participation together with those programs which attain a high degree of publicity for the Society. By June 1, 2013, a Chapter may forward to the PSPE Awards Chair a listing of programs presented during the current year.

The **Chapter Communications Award** is presented to the Chapter whose communication with its membership improved significantly and attendance at Chapter functions increased measurably during the past year. Examples of improved communication may include such things as development of a Chapter newsletter (mailed or virtual) or a Chapter telephone committee that truly contacts each member with news, upcoming events, and promote Chapter activities. A Chapter should submit examples of improved communications by June 1, 2013, along with documentation that the measures taken significantly increased awareness of programs, improved meeting attendance and enhanced Chapter communications.

The **Chapter Special Projects Award** is presented to the chapter which, on its own initiative, has given special attention to a specific project of accomplishment in the interest of promoting the engineering profession, for example: special forum on educating the public on pollution, special high level Engineers Week program, or special professional seminars or panel discussions. Any chapter can submit a resume of the special project undertaken to be considered for this award by June 1, 2013.

All awards described above may be nominated through each PSPE chapter awards committee or President. Chapter awards nominations included in the State Awards Program Handbook available through PSPE, are due to the PSPE Awards Committee by June 1, 2013. Nominations should be submitted to PSPE at 908 N. Second Street, Harrisburg, PA 17102.

Award recipients will be recognized at the PSPE State Engineers Conference. Any Award questions can be directed to David K. Williams, P.E., PSPE Awards Committee Chair, at (412) 269-2087, cell phone (412) 855-4540, or via e-mail at dkwilliams@mbakercorp.com.
On January 31st, the Villanova University Student Chapter of NSPE hosted their first annual Networking Dinner. The dinner was sponsored by Lukoil and served as a joint meeting with the Valley Forge PSPE Chapter. Special guest and NSPE Young Engineers Blogger, Austin Lin, gave a presentation entitled “I’m About to Graduate with an Engineering Degree…Now What?”

Austin’s presentation provided students with helpful information on the opportunities available to engineering students post-graduation. Along with Austin Lin, some distinguished guests in attendance included Randolph Cleaver, President of Valley Forge PSPE; Harve Hnatiuk, Vice President of NSPE; John Nawn, Vice President of PSPE; Lisa Catania, President of the PA State Board of Engineers; Frank Stanton, Former President of PSPE; and Peter Staffeld, Treasurer of PSPE and VUNSPE Faculty Advisor.
MEMORANDUM

To: Michel Sadaka, PE, F.NSPE  
From: Francis J. Stanton, Jr., PE  
Chair, 2013-14 PSPE Nominating Committee  

Date: February 20, 2013  
Subject: Candidates for PSPE State Office 2013-2014  

The PSPE Nominating Committee has met and is pleased to report that the following PSPE members have been nominated and recommended by the committee for the 2013-2014 offices as follows:

President Elect: Eric W. Tappert, PE (Lehigh Valley Chapter)  
Secretary: Jason Schmoyer, PE (Delaware Chapter)  
Secretary: Steven Novotny, PE (Johnstown Chapter)  
Treasurer: Peter Staffeld, PE (Lehigh Valley Chapter)  
Northwest Region Vice President: Tim Ormiston, PE (Beaver County Chapter)  
Southeast Region Vice President: John A. Nawn, PE, F.NSPE (Delaware Chapter)  
Southwest Region Vice President: Joseph F. Boward, PE, F.NSPE (Pittsburgh Chapter)  
Central Region Vice President: Keith A. Miller, PE (Central Chapter)  
Northeast Region Vice President: Joseph McCarthy, PE (Lehigh Valley Chapter)  
Northeast Region Vice President: Mike Basta, PE (Lehigh Valley Chapter)  
Northeast Region Vice President: Mark Rutkowski, PE (Keystone Northeast Chapter)  

In accordance with the PSPE Bylaws, additional nominations may be made by petition signed by at least 25 eligible members. Such petitions, along with a picture and biography of the candidate, must be received by the Society's Secretary no later than March 31, 2013. A copy of the petition and accompanying material must be concurrently delivered to the Chair of the Nominating Committee.

Respectfully submitted by the PSPE Nominating Committee:

Francis J. Stanton, Jr., PE, F.NSPE  
Chair, Bucks County Chapter  
Amy Daiute, PE (Northeast Region)  
Susan Best, PE (Southeast Region)  
Matthew Carnish, PE (Central Region)  
Paul King, EIT (Northwest Region)  
Dave Briskey, PE (Southwest Region)
The Nominating Committee, after canvassing each Chapter for suggested nominees for the offices of President-elect, Vice-Presidents, Secretary, and Treasurer and holding one or more conference calls, shall submit a report of its nominees to the Society’s President with a copy to the Executive Director. (See page 4.)

In accordance with the PSPE Bylaws, additional nominations may be made by petition signed by at least 25 eligible members. Such petitions, along with a picture and biography of the candidate, must be received by the Society’s Secretary no later than March 31, 2013. A copy of the petition and accompanying material must be concurrently delivered to the Chair of the Nominating Committee.

PSPE Secretary
Richard P. Aulenbach, PE
RPA Assoc Inc
3 Park Plz; Wyomissing, PA 19610-1399
Phone: (610) 374-6144 | raulenbach@rpaengr.com

Chair, 2013-14 PSPE Nominating Committee
Francis J. Stanton Jr. PE
50 Fir Drive; Richboro PA 18954
Phone: (215) 860-7324 | fjstanton@cs.com

The PSPE Nominating Committee has met and is pleased to report that the following PSPE members have been nominated and recommended by the committee for the 2013-2014 offices as follows:

President Elect Nominee
Eric W. Tappert, PE
(Lehigh Valley Chapter)

Eric Tappert, PE received his Bachelor of Science in Electrical Engineering from the Moore School of Electrical Engineering at the University of Pennsylvania (1969) and his Master of Science in Telecommunications from the University of Colorado (1998.) His career included working on the Safeguard Anti-Ballistic Missile System with responsibility for maintenance and development of the multi-processor computer system; and as a member of the design team for cell site equipment used in the Bell System service trial of cellular telephony. In 1979 he came to the Western Electric Plant in Allentown where he later led an application engineering department. In this capacity he contributed to several long distance transmission and switching improvement programs. Since his retirement in 2002, in he has done some consulting work in the area of communication system design and has been an adjunct faculty member of the Pennsylvania State University, Berks College, teaching courses in electrical engineering technology and ethics He is a life member of NSPE and PSPE, a senior member of the IEEE, and a member of the ACM. He is licensed as a PE in PA and NJ. He also has served the IEEE at the national level, starting as an ABET program evaluator, advancing to serve on the Technology Accreditation Committee, which is responsible for providing IEEE program evaluators and criteria guidance for engineering technology programs. He then served as chair the Accreditation Policy Council, and served as a member of the IEEE Educational Activities Board. He also served as chair of the IEEE Continuing Education Committee. He has also served as a member of the Technology Accreditation Commission of ABET and the associated executive committee. His experiences with PSPE began in the "Tappert" continued p. 9
Lehigh Valley Chapter, where he served in several leadership capacities before becoming chapter president in 1987-88. He has remained active in the chapter since that time and more recently has served PSPE as the Lehigh Valley State Director and, for the past 5 years, as Northeast Region Vice-President. With the passage of the continuing education requirement for licensure renewal, he served as education committee chair at the state level and was instrumental in formulating the continuing education strategy that is currently used by PSPE. He has also presented several different continuing education seminars both for PSPE conferences and for several local chapters in the eastern portion of the Commonwealth.

PSPE has and is still facing a plethora of challenges to the accomplishment of our shared mission. While significant improvements in the registration law have been achieved there is still more work to be done, as evidenced by the task force report at our last Board of Direction meeting. Our continuing education program has been successful, but needs to move forward to achieve its full potential. MATHCOUNTS needs a stable and adequate source of funding. Then there is, of course, the perennial problem of membership decline. New and exciting opportunities to address women and minorities, students, young engineers and a host of other potential endeavors to enhance the status and image of Professional Engineering are waiting in the wings for our attention.

There is an old saying that difficult problems require creative solutions. Historically engineers have been extraordinarily creative so we are well suited to tackle the problems, which perhaps we should describe as opportunities for creative solution. I have had numerous opportunities to apply creative solutions to “problems” in both industrial and volunteer organizations. I look forward to continuing as an elected member of the PSPE leadership team to encourage and help formulate creative opportunities that will move us forward on our mission.

Secretary Nominee

Jason Schmoyer, PE
(Delaware Chapter)

National Society of Professional Engineers
Member 1998-present.

Pennsylvania Society of Professional Engineers
Member 1998-present.
Chapter liaison
Chair of public relations committee

Pennsylvania Society of Professional Engineers, Philadelphia Chapter
Director February 2001 – 2006
Secretary 2002-2004
President 2004-2005
Member 2000 - 2010
Pennsylvania Society of Professional Engineers, Delaware County Chapter 2010 - present
American Society of Mechanical Engineers, Secretary Student Chapter, 1993; member 1992-present.
The Engineer’s club, 1993-present.
The Order of the Engineer

During a conversation regarding PSPE’s education program, I was asked if I would like to consider running for the position of state secretary. After a several year sabbatical from active participation in the professional engineering organization and after careful consideration, I decided that I was once again ready to be involved and attempt to contribute my skills to furthering the goals of the organization.
Secretary Nominee
Steven Novotny, PE
(Johnstown Chapter)
Graduate of the University of Pittsburgh at Johnstown, 1975; Registered Professional Engineer in Pennsylvania, Maryland and Ohio; Member of NSPE/PSPE since 1981; Past President of Johnstown Chapter, PSPE; State Director of Johnstown Chapter since mid 1990’s; Recipient of Young Engineer of the Year, Johnstown Chapter; Recipient of Distinguished Leadership Award, Johnstown Chapter, 2000; Senior Member of American Society of Highway Engineers; Member of American Society of Civil Engineers; Member of American Institute of Steel Construction; Member of American Concrete Institute; Past President of Upper Woodvale Community Association; Past Finance Council Chairman St.Clair of Assisi Parish; Past President and Past Secretary of Arbutus Little League, Johnstown, PA; Past Scoutmaster, Troop 10, Johnstown, PA; Lector and Eucharistic Minister at St. Benedict Parish; Currently, President /Owner of Cambria Consultants, Johnstown, PA

Having been involved as State Director for approximately 20 years, I have developed a solid understanding of how the organization is designed to function and the responsibilities of the Secretary. I have not served as a state officer and do feel an obligation to serve the Society and my fellow members. The Society may also be headed for some difficult times due to financial constraints and as such, I can bring a historical perspective to any future plans that may be required.

Treasurer Nominee
Peter O. Staffeld, PhD, PE
(Lehigh Valley Chapter)

Peter O. Staffeld, Ph.D., P.E., is a chemical engineer with over 25 years of experience in the chemical process industry. Peter has extensive experience in the areas of manufacturing, process modeling & optimization, project economics, and technology transfer.

Peter is an Engineering Consultant for Staffeld Engineering Services, serving mainly chemical manufacturers in Eastern Pennsylvania. He is also an Assistant Professor of chemical engineering at Villanova University, where he teaches chemical reactor design, plant equipment design, engineering economics, and technical communications. He was Vice President of Manufacturing for a global polyurethanes manufacturer, responsible for their high-speed, robotic manufacturing line, and the labor-intensive post-production processes. Peter worked for Mobil Oil Corporation for over 13 years in a variety of positions including research and development, process modeling and optimization, project economic analysis, and technology sales and licensing. He was responsible for lube technology sales on four continents.

Peter graduated first in his class from Michigan State University with a BS in chemical engineering, and earned master’s and doctorate degrees in chemical engineering from the University of Pennsylvania. He is a registered Professional Engineer in Pennsylvania, Michigan, Wisconsin, and Arkansas.

Peter has been Treasurer of the Pennsylvania Society of Professional Engineers since June 2012. He is currently President of the Pennsylvania Society of Professional Engineers, Lehigh Valley chapter, and has served as Secretary, Vice President, and President-Elect for the Chapter. Peter is the faculty advisor for Villanova University’s NSPE Student Chapter (affiliated with the Valley Forge Chapter). Peter served on the NSPE Membership Marketing Task Force, and

“Staffeld” continued p. 11
is a member of the PSPE Executive Committee and Student Affairs Committee. He has given several PDH presentations for both the Lehigh Valley chapter and the State.

Peter was formerly Chairman of the Supervisory Committee for the Mobil Research Federal Credit Union. Peter was elected Secretary and Member-at-Large for the Chemical Consultants Network. He currently serves the community as an alternate for the Upper Saucon Township Zoning Hearing Board, and was a founding member of the Upper Saucon Township Environmental Advisory Council. He was also appointed to the Upper Saucon Township Budget Review Committee. Peter is a life member of the American Institute of Chemical Engineers, and a member of the National Society of Professional Engineers.

Northwest Region Vice President Nominee
Timothy S. Ormiston, PE
(Beaver County Chapter)

Tim has served the Harrisburg and Beaver County Chapters of the Pennsylvania Society of Professional Engineers. He joined the Harrisburg Chapter in 1985 after successfully obtaining his license; serving the chapter as chairman of several committees, Director, Vice-President and President. In 2000 he joined the Beaver Chapter, later serving as Director, President-Elect and President.

Tim has been active at the state level of PSPE as assistant-coordinator and coordinator of MATHCOUNTS from 1999 to 2003 and he currently serves as the Facilities Director for the state competition. Tim served as the PSPE state Membership Chairman from 2006 to 2009. Following his service on the Membership Committee he became PSPE Vice President, Northwest Region beginning in 2009 until present. Tim fulfills one of the duties of Regional Vice-President as being a Trustee of the Pennsylvania Engineering Foundation that administers the MATHCOUNTS program, and engineering scholarships for college students.

Tim graduated from the Indiana Institute of Technology in 1980 with a Bachelor of Science degree in Mechanical Engineering. He received his Masters of Engineering degree from the Pennsylvania State University in 1995.

Tim has worked for PPG Industries, Inc., Flat Glass Business for 33 years. He started with PPG in their float glass manufacturing facility in Carlisle, PA as a Project Engineer in the Maintenance & Engineering Department. In 1989 he and his wife, Kathleen, moved to Shekou, Guangdong Province, Peoples Republic of China where he worked for two years at Guangdong Float Glass Co. Ltd., a joint venture company of PPG. Tim returned to the PPG facility in Carlisle, PA as a production engineer, holding positions of increasing responsibility in the furnace, annealing, and cutting/packaging departments. In 2000, Tim moved to PPG’s Glass Engineering Department located at the Glass Business and Discovery Center in Cheswick, PA. While there, he has worked as a Project Manager for Capital Projects in the Flat Glass and Automotive Glass business units.

Tim and his wife, Kathleen, live in Cranberry Township, Butler County. He enjoys golf and gardening.

I am interested in continuing my service as Vice-President, Northwest Region to provide leadership to grow the society in numbers and strengthen the visibility and presence of the Society and professional engineers in Pennsylvania by implementing an active Strategic Plan. I am committed to expending the 100+ hours of volunteer time required to fulfill my duties in this position.

“Nominations” continued p. 12
Southeast Region Vice President Nominee
John A. Nawn, P.E., PTOE, CFM, F.ACFEI, F.NSPE
(Delaware Chapter)

John is a Consulting Engineer in Civil Engineering, specializing in Highway and Street Design, Traffic Engineering, Utilities Construction, Storm Drainage, Pedestrian Safety, Walkway Surface Evaluations, Concrete and Asphalt Pavement Evaluations. Mr. Nawn has extensive experience in Construction Management, Project Related Claims, Job Site Safety, Codes and Standards, ADA Compliance.

Mr. Nawn has served as a Principal, Project Manager, and/or Task Manager responsible for the design, engineering and management of various traffic, transportation, highway, bridge, mass transit, railroad, environmental, municipal and construction engineering projects. He has been responsible for directing the activities of Project Managers, Project Engineers, staff engineers, CAD and field technicians, across multiple offices and locations, in the preparation of design and construction drawings and contract documents for all phases of design from concept to final plans and project close-out. Projects include Bridge and Highway Designs, Intersection and Traffic Signal Design, Railroad Bridge and Culvert design, Traffic Studies, Maintenance and Protection of Traffic Plans, Construction Management and Engineering and Dam inspections. Mr. Nawn has served as Municipal Traffic Engineering consultant.

Significant Professional Achievements
Licensed Professional Engineer in Pennsylvania and seven (7) other states: NJ, MD, DE, OH, MA, MI, RI
One of the first 500 certified Professional Traffic Operations Engineers
Certified Floodplain Manager
Fellow of the American College of Forensic Examiners Institute
2011 Pennsylvania Society of Professional Engineers, Pennsylvania State Engineer of the Year.
2008 Philadelphia Section, American Society of Civil Engineers, Philadelphia Engineering Manager of the Year.

Innovator and designer of Pennsylvania’s first application of Back In or Reverse Angle Parking. Efforts on this project culminated in a presentation at the 2nd Urban Street Symposium, sponsored by the Transportation Research Board, the 2004 ITE National Conference, and other presentations, both nationally and internationally. The design has also been used as the basis of Pennsylvania’s Back In or Reverse Angle Parking Standards as contained in the latest edition of Pennsylvania’s Traffic Engineering Manual which feature Mr. Nawn’s design criteria and the City of Philadelphia’s Angle Parking guidelines.

Have testified and been recognized as an engineering expert in over three dozen municipalities and three court systems: Delaware County Court of Common Pleas, Philadelphia County Court of Common Pleas and Camden County Superior Court.
Graduate of Drexel University: BSCE and MSCE

Service to PSPE
Fellow of the National Society of Professional Engineers
Southeast Region Vice President and member of the Executive Committee, Pennsylvania Society of Professional Engineers
Completing third term as Vice President
Served on the Executive Board for five years prior as State Treasurer
Chairman of the PSPE Legislative and Government Affairs Committee.
Member, Board of Directors, Delaware County Chapter, Pennsylvania Society of Professional Engineers
Member, National Society of Professional Engineers, Legislative and Government Affairs Committee
Member of NSPE/PSPE since 1990.
“Nawn” continued from p. 12

Service on Other Boards and Commissions
Chairman, Delaware County Transportation Management Association.
Member, Board of Directors, Community Transit, Inc.
Graduate of Delaware County Chamber of Commerce’s Leadership Delaware County Member Newtown Township Planning Commission, 2006 through 2009 and Vice Chairman, 2011

Elected Offices Held
Judge of Elections for Newtown Township’s First Precinct, 2006 through 2011
Liaison to Newtown Township Municipal Authority Liaison to the Newtown Township Planning Commission Township appointee to the Board of Directors of the Central Delaware County Authority.

Personal
Eagle Scout
Lifelong resident of Delaware County
Monsignor Bonner High School class of 1982
Married for 26 years to wife Barbara, also a life long resident of Delaware County.

Son John is a graduate of Villanova University and is currently a second year medical student at the University of Pennsylvania. Daughter Juliana is in her third year at Drexel University pursuing Bachelors and Masters Degrees in Interior Architecture and Design.

As a member of the Executive Committee for the past 8 years, with the exception of our current president, who has an equal amount of service, I bring to the office more experience at serving the membership and in the workings of PSPE than any other candidate. For the past eight years, and eight years prior serving as Delaware County Chapter Newsletter Editor for 5 years and Chapter President for 3, I have worked diligently to serve the PSPE members and the interests of professional engineers in Pennsylvania. As Treasurer, I managed a balanced budget each year, in the face of ever increasing financial strains, introduced initiatives to make it easier for our State Directors to attend board meetings, streamlined the budget process and helped chapters negotiate their way through new IRS regulations.

As Southeast Region Vice President, representing roughly half the entire membership of PSPE, I have assisted the chapters in improving their programs, promoted a spirit of regional camaraderie through joint events, and hosted a Regional Meeting each year. As Chairman of our Legislative and Government Affairs Committee, I have promoted and led our annual participation in the statewide, multi-society Engineer’s Legislative Day, including chairing the event once and again this year, lead the preparation our annual legislative agenda, provide guidance to our legislative consultant and lead our PAC fundraising efforts resulting in a continued increase in PAC funds to better get our message to the state legislature.

There is still much work to be done. Our budget and resources continue to be strained by an ever challenging economic environment. I will continue to promote cost savings where possible and search for new revenue streams to reduce our reliance on membership dues. I will continue to work with the chapters to increase our value proposition and member services such that PSPE will be the obvious professional organization of choice for engineers that may need to make a choice due to financial realities. I will continue to strongly support and promote our educational outreach efforts and help position PSPE as the provider of choice to the Pennsylvania engineering community. I will continue to work diligently with the executive committee and our staff on legislative matters so the collective voice of our membership can be heard loud and clear in our statehouse.

I consider it a special privilege to be an engineer and am proud and awed at the rich heritage and tradition of the engineering profession. I am a consummate professional and leader, and believe that a big part of leadership is setting the example. I am honored to be able to serve this outstanding profession and further honored that the elite of our profession, the members of PSPE, have deemed me worthy to represent you and serve you in this role. And I would be accordingly honored and grateful if you were to find me worthy to continue that service.

“Nominations” continued p. 14
Southwest Region Vice President Nominee
Joseph F. Boward, PE, F.NSPE
(Pittsburgh Chapter)

Joseph Boward obtained his BS degree in Civil Engineering from Purdue University and his MSCE from the University of Pittsburgh. He majored in geotechnical engineering and minored in structural, environmental and hydraulics/hydrology engineering.

Joe started his engineering career with Engineering Mechanics, Inc., as a geotechnical engineer, eventually rising to partner. Mr. Boward was then employed by Michael Baker, Jr., where he was a Senior Engineer, primarily involved with geotechnical investigations and retaining wall designs for the Allegheny County Department of Public Works.

In November 2004, with R. Gary Garvin, P.E., he founded Garvin Boward Engineering, Inc., where he provides consulting geotechnical engineering services, as well as select components of environmental and forensic engineering services. In 2008, Douglas A. Beitko, P.E., a renowned, talented and respected geotechnical engineer in southwest Pennsylvania, joined the firm, so that its name was modified to Garvin Boward Beitko Engineering, Inc. Mr. Boward, the President of Garvin Boward Beitko Engineering, is one the firm’s Principal Engineers.

Mr. Boward has been involved in a number of notable projects, including the Flight 93 Memorial Park near Somerset, PA; the Pittsburgh subway, especially with respect to its geohydrology; the geotechnical engineering investigation, design and construction-phase evaluation of the three-fourth-mile-long levee protecting the Kingsford Charcoal Plant along the Shavers Fork River in Parsons, West Virginia; the evaluation of failed foundation systems during construction of the Pittsburgh Convention Center; the geotechnical engineering investigation and design of the barge slip related to the decommissioning of one of the Shippingport Atomic Power Station reactors, in Shippingport, PA; geotechnical investigations and evaluations related to the renovation of the historic Smithfield Street Bridge over the Monongahela River in Pittsburgh; the geotechnical engineering investigation, construction-phase evaluations and subsurface instrumentation and existing building structural monitoring and evaluations for the below-grade parking structure subjacent to the historic University of Pittsburgh Soldiers and Sailors building, where slurry wall construction, used for the first time in southwest Pennsylvania, was installed to serve as both temporary excavation support and garage structure permanent foundation walls; the geotechnical engineering investigation for improvements and widening of portions of the Belle Vernon Bridge carrying I-70 over the Monongahela River near Belle Vernon, PA; geotechnical engineering investigations for approximately one hundred cellular towers in Pennsylvania, Ohio, West Virginia and Maryland, including one at Camp David, Maryland; geotechnical engineering investigations and design of well over one hundred retaining structures throughout Pennsylvania, Ohio and West Virginia; and hundreds of other projects throughout the aforementioned states. Garvin Boward Beitko Engineering is currently involved with numerous projects throughout the tri-state region.

Mr. Boward has been involved with the Pittsburgh Chapter PSPE. He has chaired and / or served on nearly all of the available Chapter committees, including: MATHCOUNTS, Awards, Nominations, Long Range Planning, Scholarship, Newsletter, and Chapter Office. He served on the Chapter Editorial Board for four years and represented the Chapter on the Pittsburgh Construction Legislative Council. A past member of the Chapter Board of Directors, Joe served as the Chapter President in 1996 - 1997. He continues to serve the Chapter, where appropriate, especially as the Moderator for the morning Sprint, Target and Team rounds test administration for the Pittsburgh Chapter MATHCOUNTS competition.

Joe provided leadership to the PSPE Pennsylvania Professional Engineers in Private Practice (PA/PEPP). During his thirteen years on the PA/PEPP Board, Joe served as Southwest Vice Chair and Secretary, as well as chairing several committees, including the PA/PEPP Awards committee. As the PA/PEPP Chair from 1998

“Boward” continued p. 15
to 2000, Joe maintained a financially viable practice division.

Joe was the PSPE Pittsburgh Chapter MATHCOUNTS program coordinator during 1991 and 1992. The Allegheny County Commissioners presented him with a “Certificate of Achievement” for his service as the MATHCOUNTS Coordinator. He was awarded the Chapter Young Engineer of the Year Award in 1992, as well as its L.W. Hornfeck Award in 1995 for meritorious service. Joe received the Pittsburgh Chapter Dedicated Service Award in 2005 and the PA/PEPP Distinguished Service Award in 2006. He was a member of the PSPE State Awards Committee for ten years, serving as its Chairman from 2000 to 2006. During 2006, 2007 and 2008, Mr. Boward served as Secretary of the State PSPE Board of Directors and the PSPE Executive Committee. In 2008, Joe was honored with the PSPE Engineer of the Year award, as well as the PSPE Dedicated Service award. He is currently the instructor for the PSPE, Pittsburgh Chapter, Professional Engineering Licensing Exam Refresher Course, Geotechnical Engineering Section.

Mr. Boward has remained a member of the Chi Epsilon Civil Engineering National Honor Society since his undergraduate days at Purdue.

Joe has co-authored technical publications with R. Gary Garvin, P.E., and Luis E. Vallejo, Ph.D., regarding geotechnical and environmental engineering issues, which are published in American Society of Civil Engineers (ASCE) and American Society for Testing and Materials (ASTM) journals.

Joe and his wife, Martha, reside in Moon Township, PA. They are the proud parents of three children, Joe (25), Sarah (22) and Rachel (15).

Northeast Region Vice President Nominee
Joseph B. McCarthy, PE (Lehigh Valley Chapter)

Joseph B. McCarthy, PE currently is a consulting electrical engineer and Vice President of J and P Engineers, P.A. a full service MEP and FP engineering firm with offices in New Jersey and Pennsylvania. He is a registered Professional Engineer in Pennsylvania and New Jersey. He is responsible for electrical systems design and project management of multi-discipline projects. Electrical design/ project management projects have been completed for General Services Administration in Philadelphia, Wilmington, and Trenton; on Rikers Island for the New York Department of Corrections; at West Point and Fort Hamilton for the Army Corps of Engineers; and the Trenton Housing Authority.

In 1965 Joe received his BS in Electrical Engineering degree from Lehigh University and immediately started at PP&L in the Distribution Engineering Department. In his 30 plus years at PP&L, besides the

“McCarthy” continued p. 16
Distribution Engineering department, he was in the Standards Development group where he developed and implemented a computerized design and estimating system, and also in the Marketing Department where he was responsible for development of electro-technology and energy efficiency marketing programs for industrial and commercial customers. In 1996, he left PPL and started as a self-employed consulting engineer.

Joe has also been an Adjunct Professor at Northampton Community College for 8 years where he taught courses in the Electronics Technology program.

Joe has completed electrical engineering graduate work toward a Masters in Electrical Engineering at Lehigh University, a 2 year technical development program on Power Systems Analysis by Power Technology Inc, and most recently graduate work in Lehigh’s Business School toward a MS in Management of Technology.

He is a member and past president of the Lehigh Valley Chapter of the Pennsylvania Society of Professional Engineers, a member of the Order of the Engineer, past Chairman and current board member of Lehigh Valley Engineering Council, and life member of IEEE. With the Lehigh Valley Chapter of PSPE he has served on the Scholarship Committee, the Golf Outing Committee and the Nominating Committee. He is currently the Alternate State Director. He was named the Lehigh Valley Chapter Engineer of the Year in 2012.

He has been a board member and past chairman of The Electrification Council of Edison Electric Institute, Industrial Electric Heating Committee. He has been and member and Chairman of both the Industrial and Commercial Committee and the Consumer and Energy Services Section representing PP&L at the Pennsylvania Electric Association.

He has been and continues to be actively involved in the Community having served on the Bethlehem Area school Board for 8 years three as President, 8 years as a board member of the Bethlehem Area Vocational Technical Committee 2 years as Chairman, 12 years as a Trustee of the Northampton Community College, 6 years as Secretary of the Board of Trustees. He shares his engineering knowledge at Holy Infancy Church where he is responsible for the maintenance and operation of the facilities. At Holy Infancy Church he is actively involved with fund raising, chaired a Capital campaign and where for 13 years he coordinates and manages a volunteer-staffed ethnic food stand at Musikfest.

Joe resides in Bethlehem with his wife Margaret. They enjoy their three children, their spouses and nine grandchildren. He and his wife enjoy traveling and have visited over 40 countries. Some of their travels have been coupled with genealogy research having visited countries and identified the homesteads from which their ancestors emigrated.

I would like to serve as the NE Regional Vice President to support our organization in fulfilling the mission of promoting the interests of PA engineers. As Regional VP, I can encourage and promote communication and cooperation between the regions’ chapters, and assure that the activities of the State organization in representing our interests are shared with the chapters.

Northeast Region Vice President Nominee
Michael Basta, PE (Lehigh Valley Chapter)

Michael Basta, PE received his Bachelor of Science in Electrical Engineering from Pennsylvania State University (1970) and his Master of Science in Electrical Engineering from Lehigh University (1978). His career included electrical design and construction of the electrical infrastructure for Pennsylvania Power Light and PECO Energy. At Lockheed Martin Astros Space division, he was an integral member of the team which supplied satellites for use by multiple countries.

His experience with PSPE began in the Lehigh Valley Chapter, where he served in leadership capacities before becoming chapter president (2008-2009). He has remained active in the chapter since that time and more recently has served PSPE as Lehigh Valley State Director. His latest action in the Lehigh Valley chapter was to serve on a committee to revise the local bylaws. With the passage of the continuing...
education requirements for license removal, he was instrumental in formulating the Continuing Education program for PECO Energy. He has also presented continuing education courses for PSPE and other companies in Pennsylvania. While at PECO Energy, he worked with PECO regulatory affairs and Warner Associates (representing PSPE) to shape the continuing education requirements. His other responsibilities have included serving as president of the Lehigh Chapter of the American Society of Safety Engineers and mentoring engineering students at Penn State University. Mike has also served in leadership roles with nonprofits, including the board of directors of the Lower Bucks American Red Cross and president of the Penn State Lehigh County Alumni Chapter. In both positions the focus was concentrated on fund raising and membership drives. He also completed two executive programs, one at the Bucks County Chamber of Commerce and the other at PECO Energy. Mike has also chaired two committees in Washington DC for Edison Electric Institute and Utility Air Regulatory Group. His involvement in the community has included serving on his local school board, as township auditor and as a member of the township zoning board (for 30 years).

I am seeking the nomination of Vice President Northeast so I can contribute to PSPE and to encourage and support members of the engineering profession at all stages of their careers. I am aware of the time commitment associated with this position.

Northeast Region Vice President Nominee
Mark Rutkowski, PE
(Keystone Northeast Chapter)

Mark Rutkowski, P.E. holds Bachelor’s and Master’s Degrees in electrical engineering from Wilkes University. He has also completed over 50 grad credits in administration. He is a graduate of Leadership Wilkes-Barre. He has approximately 20 years of industrial experience in the area of communications engineering prior to joining the Luzerne County Community College faculty. Currently Mark holds the rank of Professor in the Engineering Technology department at the community college. In addition to Pennsylvania registration, he holds a Commercial FCC license.

Mr. Rutkowski has served as chapter director, Vice-President and President of the Luzerne County Chapter (now Keystone NE). He was host to the highly successful Green Exchange program that focused on sustainability issues for architects and engineers. He chairs the chapter Engineers in Education practice division and has served as Director of Testing at the state MATHCOUNTS competition. He was twice awarded the Luzerne County Chapter Robert P. Eble, P.E., P.L.S. Memorial Distinguished Service Award.

Mr. Rutkowski is active in the community. He was named “Who’s Who in NEPA” by the Northeast Business Journal. While serving as President of the Board of Directors of Wyoming Valley Habitat for Humanity, he was responsible for opening a retail store in Nanticoke that sells donated building materials to benefit the charity. He was awarded the Gottfried Csala Professional Award for his work with Habitat for Humanity.

Mr. Rutkowski has done presentations on school cooperation, new technologies, engineering careers, nanotechnology and other topics to local, state and national audiences including PSPE State Conferences. During his time with the college, Mr. Rutkowski was responsible for developing the Nanofabrication Manufacturing Technology curriculum, the Cyber Security Management curriculum and the Sustainable Energy Technology curriculum. He regularly assists and advises area high schools with science and technology curriculum development and serves on the Occupational Advisory Committee of several local career technology centers.

I believe that an educated professional has a responsibility to assume a leadership role in some aspect of their community. As an educator, I serve as a mentor and role model to my students. I believe I have fulfilled this dual responsibility professionally, within my faith and within my community. Recently I have been less active in this role in order to concentrate my efforts on grad school. I am now ready to get back into that role and would like to contribute my time and effort to grow PSPE.
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