



THE PELS NEWS

An Official Publication of the Arkansas State Board of Registration for Professional Engineers & Land Surveyors

April 2001

Newsletter

Seventeenth Edition

FROM THE PRESIDENT

David Knowles, P.E., PLS

At National Council of Examiners for Engineering and Surveying (NCEES) meetings the phrase "The three E's" is frequently used when referring to requirements for licensure as either an engineer or surveyor. These "E's" stand for Education, Experience, and Examination. Through a very complicated and involved process NCEES provides examinations. It is up to the individual states and their registration boards, however, to address education and experience.

The NCEES Model Law for surveying, which has been adopted in part by many states, requires a formal education (4-year degree) for licensure. At present, Arkansas Law allows experience with no education. While most Arkansas surveyors appreciate the value of education and encourage young men and women to obtain a surveying degree, most applications are still based exclusively on experience.

And here is the dilemma, since the Board no longer requires an interview, it has to base decisions solely on the application. On most applications, over the past few years, the experience section, of both the Fundamentals of Surveying (LSIT) and the Land Surveying applications, has been woefully incomplete and inadequate. This is true even though Instruction 4 on both applications gives explicit instructions which state "Complete the experience sheets fully". The Board is not familiar with your work, so your experience must be judged and evaluated on the information you furnish".

When filling out the experience record it is important to keep in mind that in Arkansas we license Land Surveyors, and that the four and six years of experience must be in land surveying – not engineering surveying such as construction lay-out and topo mapping. Most firms do both boundary and engineering surveys. Consequently, it is important for the applicant to differentiate between the two.

As a result of this experience record problem, I have decided that any application lacking a complete and detailed record will be personally rejected. This could very well result in an applicant having to submit another application and having his or her admission to the exam delayed by six months.

We want to license qualified people; however, we are not going to rely entirely on just one of the "E's" – Examination. Please advise and help anyone that you know who will be making application. The application deadline for the fall exam is August 1st.

FROM THE VICE-PRESIDENT

Tom Webb, PLS

Results from the October 2000 exams are in and it appears that having a technical degree is a significant advantage in taking the surveying exams.

In 1999 NCEES introduced a new Fundamentals of Surveying exam (LSIT) with "knowledge based" questions replacing "experience based questions". Knowledge based questions are those which a surveying education would best prepare an applicant to answer. Since then, the overall pass rate for the test has dropped, particularly for would-be registrants without a technical degree. The national pass rate for the LSIT exam was 45%. Arkansas administered the exam to 32 individuals with 11 passing, which reflects only a 34% passing rate.

There are three ways that applicants are qualified to take our exam: experience, an associate degree in surveying, or a degree in Civil Engineering with requisite surveying courses. In Arkansas the pass rate for those who qualified by experience was 17%, for those with an associate degree the rate jumped to 50%. Whereas those with an engineering degree it was even higher at 75%! Nationally the rates for these 3 categories are: 34%, 47%, and 76% respectively. It's probably safe to predict that pass rates for those on the experience route to a license won't improve.

Experience counts for a lot on the Principals and Practice (PLS) exam, but test takers without a technical education are still at a disadvantage. National results show a pass rate of 43% for those with no degree, 49% for those with a 2 year degree, 53% for graduates of 4 year surveying degree programs, and 66% for those holding an engineering degree.

In light of these statistics, any individual who wants to have a career in Land Surveying should plan on making a serious effort to obtain a degree.

NOTICE !!!

All potential applicants for the Principles and Practice of Engineering, Examination who do NOT have an ABET (EAC) DEGREE must file a completed application on or before June 30, 2001.

Under the current rules, those who file an application (and are found qualified by the Board) will be admitted to future examinations for a maximum of six (6) times. Please share this notice with your associates and friends who may not currently receive this newsletter, so that they may not miss this last opportunity.

THE DIRECTORS CORNER

by J.T. Clements, Jr.

Board Members

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Engineer & Land Surveyor
Member

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The newsletter is an official
publication of the Arkansas
Board of Registration for
Professional Engineers and
Land Surveyors

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Changes to the Engineer & Surveyor Laws (Act 591 of 2001) – Changes include (1) extending the time which a complaint against an engineer must be heard, (2) removing the registrant renewal dates, and (3) the removal of all reference to fees. These changes would (1) allow the Board to improve the quality of our investigations, (2) permit the Board to establish a common renewal date for dual registrants and (3) after proper notice, permit the Board to establish fees. There are a few other changes which remove conflicts between the engineer and land surveyor laws, making them more consistent. These changes will take effect 90 days after the end of the 83rd Legislative Session. Because of these changes, the Board must revise its rules. This process should begin in early summer. However it must not be completed until the changes in the law become effective. You will be hearing more about this later.

Our Website – We update the online roster of Active Licensees (including individuals exempt from CPC requirements) on a regular basis. To determine if your renewal has been processed, check the year date beside your name. For those engineers who did not receive a renewal form, a downloadable version is available. You may also read this newsletter a few weeks before you receive it in the mail.

Spring Exams – We anticipate 100 P&PE, 100 FE, 32 FLS, 9 P&PLS and about 20 Arkansas Law Examinees. We have added an additional site for the FE exam on the campus of Arkansas Tech University at Russellville. Current locations include U of A Fayetteville, ASU Jonesboro and Little Rock.

DISCIPLINARY ACTIONS

taken by the Board since September 13, 1999

1. 11/9/99 – In the matter of PSI, an Alabama Corporation charged with the practice of engineering without a license, the Board agreed to assess a \$1,000.00 civil penalty, plus the requirement that the Corporation obtain an Arkansas Certificate of Authorization.
2. 11/9/99 – In the matter of Dynatek Development Services, Inc., charged with the practice of engineering without a license, the Board agreed to assess a \$2,000.00 civil penalty plus the requirement that the Corporation obtain an Arkansas Certificate of Authorization.
3. 11/9/99 – In the matter of Franklin Lewis Price, EI #4928, charged with three (3) violations of practicing engineering without a license, the Board found him guilty and assessed a \$1,500.00 civil penalty.
4. 2/9/00 – In the matter of Billy D. Cochran, PLS #601, charged with violations of the Minimum Standards, the Board agreed to an admission of violation, a \$1,000.00 civil penalty, and a refund of the clients \$600.00 fee.
5. 6/13/00 – In the matter of J.W. Lucas, non-registrant, charged with violating ACA §17-30-101, the Board directed the Executive Director to issue a letter requesting that he no longer hold himself out as an engineer.
6. 6/13/00 – In the matter of William Grant Brawner, PLS #1198, charged with violating the Minimum Standards, the Board accepted an admission of violation, assessed a \$3,000.00 civil penalty and a six (6) month probation period, during which, all surveys must be submitted to the State Surveyor's office for review.
7. 8/15/00 – In the matter of Aubrey Scott, Jr., non-registrant, charged with multiple violations of practicing engineering without a license, the Board accepted a Consent Agreement which contained an admission of guilt and a \$9,500.00 civil penalty.
8. 8/15/00 – In the matter of B.T. Armstrong, PE #1402, charged with violating the Code of Professional Conduct, the Board and Mr. Armstrong entered into a Consent Order which contained an admission of violation and a \$1,000.00 civil penalty.
9. 11/14/00 – In the matter of W.J. Jewell, PE #2312, charged with multiple violations including improper use of a seal, A.C.A. §12-80-104 (seismic statement), and practicing beyond the scope of his expertise, after a formal hearing, the Board found him guilty and assessed a \$800.00 civil penalty.
10. 1/9/01 – In the matter of Newton Land, PLS #1178, charged with multiple violations of the Minimum Standards, after a formal hearing which Mr. Land did not attend, the Board found him guilty, revoked his license, and assessed a \$2,000.00 civil penalty.
11. 1/9/01 – In the matter of Robert J. Bailey, non-registrant, charged with improper use of an engineer seal, in lieu of a formal hearing, the Board accepted a Consent Agreement which assessed a \$1,400.00 civil penalty.

NEW REGISTRANTS

Licensed since August 1998 *July 2000*

Professional Engineers

- | | | | |
|--------------------------------|----------------------------------|-------------------------------|---------------------------------|
| 10236 Poulin, Emmanuel | 10300 Russell, Roger W. | 10364 Freeman, Kevin W. | 10428 Earls, Brandon T. |
| 10237 Wright, David A. | 10301 Sessa, Vincent A. | 10365 McDonald, George J. | 10429 Falbe, Winchester R. |
| 10238 Shultz, Robert E. | 10302 Smith, Neal E. | 10366 Wilson, Gregory P. | 10430 Freedle, Mark A. |
| 10239 Saman, Namir F. | 10303 Spradling, James R. | 10367 George, Martin S. | 10431 Gong, Ying |
| 10240 Verhalen, Frances A. | 10304 Tan, Choon H. | 10368 Kampmann, Fred | 10432 Graham II, Thomas C. |
| 10241 Neblett, Jeffery Wayne | 10305 Verzwuyvelt, Jr., James R. | 10369 Mettemeyer, Alan R. | 10433 Harvey, Dale R. |
| 10242 Bean, Faron D. | 10306 Webster, Mark D. | 10370 Naderi-Asrami, Hamid R. | 10434 Hilton, Jon D. |
| 10243 Harwell, Roger B. | 10307 Whisker, James S. | 10371 Pope, Dale A. | 10435 Hopkins, David E. |
| 10244 Covington, Gregory A. | 10308 Williams, David L. | 10372 Turek, Julian L. | 10436 House, Timothy A. |
| 10245 Hatley, Tricia H. | 10309 Young, William K. | 10373 Bose, John G. | 10437 James, Jason G. |
| 10246 Guetig, David A. | 10310 Aggarwal, Moti L. | 10374 Dumack, Heath A. | 10438 Joiner, James B. |
| 10247 Case, Sanford W. | 10311 Abitz, Daniel L. | 10375 Hogue, Allan C. | 10439 Lincicome, Elizabeth D. |
| 10248 Hill, Todd A. | 10312 Hearne, Robert E. | 10376 Huang, Andrew T. | 10440 Lloyd, Michael |
| 10249 Zunt, Jeffrey M. | 10313 Hatch, Gerald L. | 10377 Nizov, Alexander | 10441 Mays, Tim J. |
| 10250 Hudgings, Randall A. | 10314 Wu, Shing-Kuo | 10378 Vir, Jayant | 10442 McInvale, William A. |
| 10251 Brown, Steven G. | 10315 Pittman, Jr., Clyde D. | 10379 Motiwal, Nitin S. | 10443 Melton, Jr., Douglas C. |
| 10252 Overman, William R. | 10316 Hein, Aaron H. | 10380 Burnett, Clyde H. | 10444 Mory, John L. |
| 10253 Chacon, Jeffrey C. | 10317 Buchert, Roy H. | 10381 Christy, Daron R. | 10445 Myers, Jason R. |
| 10254 Eakins, Guy M. | 10318 Roach, Angela M. | 10382 Hilger, Peter A. | 10446 Olivi, S. Glen |
| 10255 Berry, Steve E. | 10319 Brady, Neil S. | 10383 Humphrey, Gary R. | 10447 Patangia, Melissa |
| 10256 Cerra, Jr., Anthony M. | 10320 Stoffel, Margaret A. | 10384 Lehman, Alan L. | 10448 Peyton, T. Suzanne |
| 10257 Hardesty, John R. | 10321 Mansouri, Amir M. | 10385 Lorentz, Thomas E. | 10449 Plourde, Patrick M. |
| 10258 DuChateau, David L. | 10322 Zarlenga, Louis A. | 10386 Monts, Garry J. | 10450 Reed, Lisa M. |
| 10259 Harshfield, Richard G. | 10323 Cochran, Phillip L. | 10387 Parkin, David A. | 10451 Reese, Stephanie R. |
| 10260 Lundstrom, Danny Y. | 10324 Hong, Huixian | 10388 Sullivan, Jeffrey W. | 10452 Rike, Andrew H. |
| 10261 Scott, Constance H. | 10325 Long, Jeffrey A. | 10389 Talley, Richard T. | 10453 Rogers, Michael C. |
| 10262 Klingemann, Donald L. | 10326 Bolatto, Michael J. | 10390 Walton, Jr., Jeffrey R. | 10454 Rowe, Brian L. |
| 10263 Blunt, Larry P. | 10327 Morgan, Chris D. | 10391 Dubord, Scott M. | 10455 Stanford, Travis W. |
| 10264 Brown, Gloria J. | 10328 Spinazzola, R. Stephen | 10392 Kelly, William D. | 10456 Theilen, Ross D. |
| 10265 Buffington, Jr., Guy J. | 10329 Saunders, Thomas E. | 10393 Linck, Stephen J. | 10457 Thompson, Jr., Michael L. |
| 10266 Cadet, Marquez A. | 10330 Samuel, Walker B. | 10394 Pforr, Gregory J. | 10458 Yates, Kevin R. |
| 10267 Carrera, Luis D. | 10331 Axelband, Allen R. | 10395 Adbi, Khosrow R. | 10459 Wallace, Joey L. |
| 10268 Carter, Malcolm A. | 10332 Clark, Raymond J. | 10396 Beasley, James R. | 10460 Wooten, Jr., Emmitt H. |
| 10269 Clements, III, Holmes W. | 10333 Thomas, Joseph G. | 10397 Bendapudi, Kasi V. | 10461 Balenske, Kenton J. |
| 10270 David, Jr., Thomas C. | 10334 Stone, Louis P. | 10398 Bennett, Jr., Billy G. | 10462 Adams, Gary R. |
| 10271 Edmison, Jr. Roger A. | 10335 Stewart, Chad E. | 10399 Carter, Michael J. | 10463 Aga, Neville H. |
| 10272 Fandrey, Alan J. | 10336 Bertz, Charles A. | 10400 Coble, II, Robert M. | 10464 Anagnost, Dean F. |
| 10273 France, Timothy K. | 10337 Cames, John W. | 10401 Cochran, Sean P. | 10465 Arnold, David L. |
| 10274 Garza, Javier A. | 10338 Gustafson, Timothy J. | 10402 Dowdell, John M. | 10466 Beem, Robert A. |
| 10275 Grimbail, Ross G. | 10339 Hanson, Daniel L. | 10403 Fiocchi, Rori J. | 10467 Brock, Mark S. |
| 10276 Groves, Alvin B. | 10340 Helt, Donald D. | 10404 Gopal, Thay N. | 10468 Charles, Donald H. |
| 10277 Heist, Jr., Louis W. | 10341 Hensley, Quenton V. | 10405 Green, Corey D. | 10469 Cooper, David B. |
| 10278 Henson, Warren A. | 10342 Hoffman, James A. | 10406 Griswold, Glen W. | 10470 Douglas, Lewis R. |
| 10279 Hodge, III, James E. | 10343 Jackson, Wayne L. | 10407 Marcelo, Virgilio L. | 10471 Droddy, Charles V. |
| 10280 Bellace, Thomas A. | 10344 Longeway, Kenneth D. | 10408 Marefat, Kourosh | 10472 Erichsen, John R. |
| 10281 Chow, Daniel T. | 10345 Melby, Gaylen D. | 10409 Neaves, Sr., Robert Y. | 10473 Gilles, David G. |
| 10282 Jackson, Maureen D. | 10346 Mitts, Mark M. | 10410 Pamell, Christopher B. | |
| 10283 Juergens, Robert P. | 10347 Mixter, Thomas J. | 10411 Powell, Jr., Charles H. | |
| 10284 Kaiser, III, Charles H. | 10348 Niedzwiedz, Jr., Frank A. | 10412 Reschl, Sr., John J. | |
| 10285 Kimbrell, William C. | 10349 Park, John D. | 10413 Rudina, Jehangir E. | |
| 10286 Kitko, James R. | 10350 Rendely, Wayne | 10414 Stephens, Michael E. | |
| 10287 Knapp, William J. | 10351 Lane, Jr., Golden E. | 10415 Stinson, David N. | |
| 10288 Lane, Jr., James W. | 10352 Tarleton, Glen M. | 10416 Sulzer, II, Gerald M. | |
| 10289 Leard, David R. | 10353 Trevor, Kenneth D. | 10417 Vesecky, Peter | |
| 10290 Lewis, Jeffery C. | 10354 Green, Phillip C. | 10418 Wang, Ying | |
| 10291 Long, Shepherd D. | 10355 Pillsbury, Timothy L. | 10419 Adams, Dwayne C. | |
| 10292 Makarechi, Shahdad | 10356 Marzullo, Alfred M. | 10420 Brisendine, Travis L. | |
| 10293 McKinney, Larry A. | 10357 McEnany, Terrence P. | 10421 Brown, Thomas C. | |
| 10294 Menendez, Christopher | 10358 Wright, Taylor P. | 10422 Carter, Ramona G. | |
| 10295 Mori, Ross T. | 10359 Aldredge, Charles T. | 10423 Carter, John T. | |
| 10296 Penn, IV, Clarence E. | 10360 Day, Robert L. | 10424 Casey, Matthew D. | |
| 10297 Pritchett, Sr., James E. | 10361 Childress, Richard W. | 10425 Chamoun, Paul J. | |
| 10298 Rich, Daniel J. | 10362 Doyle, Lynn C. | 10426 Creese, Thomas C. | |
| 10299 Ruiz, Pablo E. | 10363 Frankhouser, III, John I. | 10427 Dale, Brian R. | |

Land Surveyors

- 1403 Lake, Jr., Daniel K.
- 1404 Meyer, Robert A.
- 1405 Barham, Jr., Lonnie W.
- 1406 Edmison, Jr., Roger A.
- 1407 Farley, LeRoy W.
- 1408 Francis, James A.
- 1409 Key, James E.
- 1410 Riedel, Jerry M.
- 1411 Searson, Robert M.
- 1412 Ballard, Frederick A.
- 1413 Gilmore, Terry A.
- 1414 Harris, Vincent C.
- 1415 Keen, Brian E.
- 1416 Whitehead, Samuel T.

Year 2001 Roster Order Form

We will only print rosters for those individuals who request (in writing) a paper copy. Please check our online roster at www.state.ar.us/pels/ for the most current registrant information available.

Clip and mail order form to: Arkansas Board of Registration for Professional Engineers & Land Surveyors
PO Box 3750, Little Rock, Arkansas 72203

Name: _____

Street/PO Box: _____

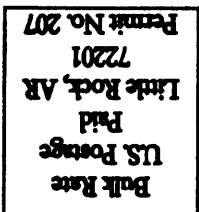
City, State, Zip: _____

License No('s): PE _____ LS _____ EI _____ LSIT _____

2001 UPCOMING BOARD EVENTS

April 20 PE & PLS Examinations 7:30a–5:00p
21 FE & FLS Examinations 7:30a–5:00p
May 8 Board Meeting 8:30a
May 17-19 Southern Zone Meeting, Birmingham, AL
June 30 Land Surveyor Renewals Due
July 10 Board Meeting 8:30a

August 1 – 4 Annual NCEES Meeting Little Rock, AR
September 11 Board Meeting 8:30a
October 26 PE & PLS Examinations 7:30a–5:00p
27 FE & FLS Examinations 7:30a–5:00p
November 13 Board Meeting 8:30a
December 31 Engineer Renewals Due



**ARKANSAS STATE BOARD OF
REGISTRATION FOR PROFESSIONAL
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LITTLE ROCK, ARKANSAS 72203**