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**SOUTH CAROLINA  
STATE BOARD  
OF  
ENGINEERING  
EXAMINERS**

**ANNUAL REPORT  
FISCAL YEAR 1978-79**



**Printed Under the Direction of the  
State Budget and Control Board**

**SOUTH CAROLINA  
STATE BOARD  
OF  
ENGINEERING  
EXAMINERS**

**ANNUAL REPORT  
FISCAL YEAR 1978-79**



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STATE BOARD  
OF  
ENGINEERING EXAMINERS

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August 15, 1979

The Honorable Richard W. Riley  
Governor of South Carolina  
The State House  
Columbia, South Carolina 29211

Your Excellency:

This letter is being provided as required by South Carolina Code Section 40-21-170, Code of Laws of South Carolina, 1976, and in compliance with provisions of the General Appropriations Act as a portion of this Board's Annual Report for Fiscal Year 1978-1979, as submitted to the Budget and Control Board.

This Board came into existence in 1922 and is charged with the administration of the provisions of Title 40, Chapter 21, Code of Laws of South Carolina, 1976, as amended, governing registration for the practices of engineering and land surveying in South Carolina. We evaluate the educational and experience qualifications of applicants for registration and administer examinations, all to insure that the life, health and welfare of the public is protected, and that the public in South Carolina receives a responsible and capable degree of professional service from persons who have demonstrated their qualifications to provide these services.

In connection with the discharge of our duties and responsibilities, the Board provides constant attention to its Enforcement and Compliance Program, which involves investigations of complaints of violations of the Code of Laws governing the practices of engineering and land surveying, and enforcement of the Rules of Professional Conduct, and provisions of the Minimum Standards Manual for the Practice of Land Surveying in South Carolina, which are binding upon all registrants. As our Annual Report will reflect, during the past year the Board has conducted more disciplinary hearings resulting in licensure revocations and suspensions than heretofore in the Board's history. The welfare of the public is the primary reason for the Board's existence and we intend to insure that our registration processes and enforcement program enhance this goal.

As our Annual Report will reflect, the Board has exercised careful fiscal control over its income and expenditures so as to maintain a self-sustaining posture and to avoid placing any burden upon the tax

paying citizens of the state. Since coming into existence in 1922, the Board has maintained a balance of income against necessary expenditures with all funds collected having been deposited with the State Treasurer and paid out only upon approval of the Budget and Control Board. Annual audits conducted by the Office of the State Auditor have proven the Board's fiscal policies to be effective.

This Board has continued to work closely with registration boards having like responsibilities such as the Board of Architectural Examiners and the Board of Registration for Landscape Architects. During the past year, with the help of the Board of Registration for Landscape Architects, we perfected an agreement between the two boards aimed at resolving an overlap in the statutory definition of the practices of landscape architecture and of engineering. We shall continue to offer our cooperation to state boards having similar responsibilities. We have also continued to work closely with the State Personnel Division in a mutual effort aimed at encouraging the registration of Engineers in state government so as to insure a level of demonstrated competency commensurate with engineers in the private sector.

The members of this Board hereby present our Annual Report for Fiscal Year 1978-79 with the expectation that you will find it both constructive and informative. We would also like to take this opportunity to express our accord with your efforts to insure wider consumer participation in the activities of state boards and commissions and to let you know that we would welcome constructive participation in the activities of this Board by public members not affiliated with the professions we regulate.

We fortunately enjoy the support of thousands of registrants as well as that of public spirited members of engineering and land surveying organizations and the public at large. It is our promise and intention to conduct the Board's affairs so as to continue to merit this confidence and support.

Respectfully submitted,

H. B. Speissegger, Jr., Chairman (7/1/78-6/30/79)

B. L. Baker, Secretary

**SOUTH CAROLINA  
STATE BOARD OF ENGINEERING EXAMINERS  
BOARD MEMBERS**

July 1, 1978 to June 30, 1979

H. B. Speissegger, Jr., P.E. .... Chairman  
S.C. Electric and Gas Company  
P.O. Box 760, Charleston, S.C. 29405  
(Term expires July 1, 1979)

Goodwin G. Thomas, P.E. .... Vice-Chairman  
Goodwin G. Thomas & Associates  
P.O. Box 2676, Rock Hill, S.C. 29730  
(Term expires July 1, 1981)

B.L. Baker, P.E. .... Secretary  
Professor Emeritus, University of South Carolina  
819 Burwell Lane, Columbia, S.C. 29206  
(Term expires July 1, 1983)

Carlton T. Wise, P.E. .... Member  
200 Aberdeen Drive  
Greenville, S.C. 29605  
(Term expires July 1, 1982)

L.L. McNair, P.E. .... Member  
McNair, Gordon, Johnson & Karasiewicz  
P.O. Box 84, Columbia, S.C. 29202  
(Term expires July 1, 1980)

Ferrell J. Prosser, R.L.S. .... Member  
Ferrell J. Prosser and Associates  
P.O. Box 12097, Florence, S.C. 29504  
(Term expires July 1, 1983)

## **S.C. STATE BOARD OF ENGINEERING EXAMINERS ORGANIZATION AND DESCRIPTION OF ACTIVITIES**

The S.C. State Board of Engineering Examiners is charged by law to safeguard life, health and property and to promote the public welfare. Any person in public or private capacity practicing or offering to practice engineering or land surveying in South Carolina is required to submit evidence that he is qualified to practice and must be licensed by the State to do so. The Board evaluates applicants for licensing as professional engineers and land surveyors, examining applicants by both oral and written examinations, and implements the laws of the State of South Carolina governing the practice of engineering and land surveying, especially those involved in licensing requirements for practice and those governing violations of the practices of engineering and land surveying.

### **BOARD OF EXAMINERS**

The Board of Examiners consists of five (5) Registered Professional Engineers and one (1) Registered Land Surveyor appointed by the Governor for five-year terms. Board meetings are held every three months and special meetings are held at such times as necessary. Board Members serve without compensation other than per diem allowance when actually attending to business of the Board and are reimbursed for necessary travel expenses in accordance with regulations of the Budget and Control Board. The Secretary-Member of the Board is charged with the final authorization of all monies received and disbursed by the Board.

### **ADMINISTRATIVE STAFF**

Agency Director .....	Mary M. Law
Special Investigator .....	Roland E. Trent
Staff Assistant II .....	Ginny B. Jarrett
Accounting Clerk III .....	Shirley A. Hoile
Secretary I .....	Margaret T. Chaconas

The Agency Director is in full charge of the administrative duties of the office, accountable to the Board Members; plans, organizes and directs activities of the Board and is responsible for carrying out the duties of the Board which are required and necessary to provide the service of licensing of Professional Engineers and Land Surveyors in South Carolina in accordance with the Code of Laws regulating such practice. The Special Investigator is in charge of the Board's

Enforcement and Compliance Program which involves investigation of violations and infractions of the Code of Laws, 1976, as amended, including Rules of Professional Conduct and Practice of Land Surveying in accord with the Minimum Standards Manual for the Practice of Land Surveying in South Carolina.

### STATISTICAL DATA

July 1, 1978 to June 30, 1979

<i>APPLICATIONS PROCESSED:</i>	<i>Resident</i>	<i>Non-Resident</i>	<i>Total</i>
Professional Engineers .....	177	327	504
Land Surveyors .....	20	20	40
Engineers-in-Training .....	289	-	289
Land Surveyors-in-Training .....	12	-	12
Temporary Permits .....	-	30	30
Total Applications Processed .....	<u>498</u>	<u>377</u>	<u>875</u>

#### *EXAMINATIONS ADMINISTERED:*

Professional Engineers .....	128
Land Surveyors .....	89
Engineers-in-Training .....	481
Land Surveyors-in-Training .....	51
Total Examinations Administered .....	<u>749</u>

#### *REGISTRATIONS & CERTIFICATIONS:*

	<i>Resident</i>	<i>Non-Resident</i>	<i>Total</i>
Professional Engineers (licensed) .....	212	265	477
Land Surveyors (licensed) .....	42	16	58
Engineers-in-Training (certified) .....	388	-	388
Land Surveyors-in-Training (certified) .....	46	-	46
Temporary Permits Issued .....	-	26	26
Total Registrations & Certifications .....	<u>688</u>	<u>307</u>	<u>995</u>

#### *RENEWAL OF LICENSES:*

	<i>Resident</i>	<i>Non-Resident</i>	<i>Total</i>
Professional Engineers .....	2,104	2,231	4,335
Professional Engineers & Land Surveyors ..	156	101	257
Land Surveyors .....	321	202	523
Total Active Registrants			
for period ending June 30, 1980 .....	<u>2,581</u>	<u>2,534</u>	<u>5,115</u>



## COMPLAINTS - INVESTIGATIONS:

Number Investigations Initiated . . . . .	95
Number Disciplinary Actions . . . . .	25
Number Investigative Matters Resolved . . . . .	75

Board activities for fiscal year 1978-79 include six (6) meetings of the Board in addition to examinations held in November 1978 and April 1979 in Columbia, Charleston and Clemson. Since commencing operations in 1922, the Board has registered 7,648 candidates as Professional Engineers and Land Surveyors. As of June 30, 1979, there were a total of 5,182 registrants in a current and active status. 2,466 were in a lapsed status due to death, retirement from practice or failure to renew their registrations due to other reasons. (Many registrants fail to renew by June 30 each year but do pay within the one-year grace period allowed).

The Board also maintains a program of certification of Engineers-in-Training, primarily involving college senior students, who are provided an eight-hour examination in the Fundamentals of Engineering and, where successful, issued certificates of registration as Engineers-in-Training. A total of 5,511 have been certified by the Board, with most of these ultimately becoming certified as Professional Engineers after satisfying the required four-year professional experience criterion called for by law and successfully passing a second eight-hour examination in the Principles and Practices of Engineering. This procedure is in accord with certification procedures employed and followed in most of the states of the United States; is vitally necessary so as to allow for comity registrations between states, and to achieve an optimum degree of national uniformity in the licensing and certification of Professional Engineers and Land Surveyors for qualified and competent service to the public.

Act 105 of 1977 provided for a new category of certification as a Land Surveyor-in-Training, effective July 1, 1977. The qualifications for certification as a Land Surveyor-in-Training are lower than those required for registration as a Land Surveyor and allows a trainee aspiring to become a Registered Land Surveyor to compete the first eight-hour examination in the Fundamentals of Land Surveying early in his career. The certified Land Surveyor-in-Training (LSIT) can then proceed to acquire the additional necessary experience to qualify him for registration as a Land Surveyor, and then only have to successfully complete the examination in the Principles and Practices of Land Surveying for

certification as a Registered Land Surveying. During fiscal year 1978-79, the Board has continued its efforts to encourage certification by persons qualified to seek certification as LSIT as an ongoing effort to improve the professionalism of land surveying in South Carolina.

During fiscal year 1978-1979, the Engineering Board worked closely with representatives of the Board of Registration for Landscape Architects in order to arrive at a mutually acceptable joint regulation of the two boards so as to adequately define that work which might be performed by a Landscape Architect and by a Registered Professional Engineer. Legislation, which recently created the Board of Registration for Landscape Architects, included a definition of the practice of landscape architecture, which recognizably overlapped with the statutory definition of the practice of engineering. In order to resolve questions which arose as to the authority of Landscape Architects to engage in certain design functions, which had historically been performed by Professional Engineers, the two Boards arrived at a mutual understanding and perfected a joint regulation.

**S. C. STATE BOARD OF ENGINEERING EXAMINERS  
FINANCIAL STATEMENT**

July 1, 1978 to June 30, 1979

**REVENUE CREDITED TO GENERAL FUND**

Renewal Fees (period ending 6/30/80)..	118,184.00	
Renewal Fees (past due 6/30/79).....	<u>13,475.00</u>	131,659.00
Application Fees .....	28,515.00	
Examination Fees .....	9,700.00	
Certificate Fees, & Misc. ....	<u>2,594.00</u>	<u>40,809.00</u>
Total Revenue deposited to General Fund .....		<u><u>\$172,468.00</u></u>

**EXPENDITURES**

<b>PERSONAL SERVICE</b>		
Salaries .....	61,389.34	
Per Diem .....	1,785.00	
Other Personal Service .....	<u>450.00</u>	63,624.34
<b>OTHER OPERATING EXPENSES</b>		
<i>Contractual Services</i>		
Freight .....	6.44	
Travel .....	6,495.27	
Repairs .....	521.76	
Telephone .....	1,716.06	
Printing - Non-State .....	6,634.16	
Printing - State .....	400.80	
Data Processing - State .....	2,485.00	
In Service Training .....	95.00	
Micro-Filming - State .....	386.75	
Professional & Other Fees .....	535.40	
Other Contractual Services .....	<u>1,396.00</u>	20,073.24
<i>Supplies</i>		
Office Supplies .....	2,646.05	
Motor Vehicle Supplies .....	170.59	
Postage .....	6,138.00	
Printing Supplies .....	4,058.74	
Other Supplies (Examinations) .....	<u>12,464.97</u>	25,478.35
<i>Fixed Charges &amp; Contributions</i>		
Office Rents - State Owned .....	7,986.00	
Other Rents - (Exam Rooms) .....	1,575.00	
Rents - Equipment .....	3,333.49	
Dues (NCEE & ECPD) .....	1,285.00	
Insurance .....	<u>88.50</u>	14,267.99
<i>Office Equipment</i>		
Equipment & Furnishings .....	5,612.78	
<i>Fees for Services</i>		
Fees for Services (Clerk of Courts, etc.) .....	<u>57.10</u>	65,489.46
<i>Employee Benefits</i>		
Employer Contributions .....	<u>9,434.51</u>	9,434.51
		<u>74,923.97</u>
Total Expenditures FY 1978-79		<u><u>\$138,548.31</u></u>
Total Funds Appropriated FY 1978-79		<u><u>\$150,418.00</u></u>
Total Funds Lapsed FY 1978-79		<u><u>\$ 11,869.69</u></u>

## ENFORCEMENT AND COMPLIANCE PROGRAM

### A. ENABLING LEGISLATION

The Board's enforcement and compliance program is administered as provided for by the Code of Laws of South Carolina, 1976, as amended by Act 105 effective July 1, 1977, and the Code of Regulations, Chapter 49, Sections 1 through 29. The principal provisions of the code which enable the Board to enforce the State registration law and to accomplish enforcement and disciplinary actions are as follows:

1) Code Section 40-21-30, entitled "Registration Required for Practice", which provides safeguards of life, health and property, and to promote the public welfare, by requiring any person in either a public or private capacity practicing or offering to practice engineering or land surveying to submit evidence that he is qualified so to practice and to become registered as required by law. This section also prohibits the use in connection with a person's name or otherwise to assume, use or advertise any title or description tending to convey the impression that the person is a professional engineer or land surveyor unless such person has been duly registered

2) Code Section 40-21-140, which provides the Board with subpoena powers for witnesses, production of books, papers, documents and similar material, and for Board members to administer oaths to witnesses.

3) Code Section 40-21-340, which grants the Board the power to suspend, refuse or revoke a certificate or to reprimand any registrant, who is found guilty of fraud or deceit in applying for or obtaining a certificate of registration; any gross negligence, incompetence, or misconduct in the practice of engineering or land surveying; any felony or misdemeanor the penalty for which is imprisonment in excess of one year; aiding or abetting any person in violation of any provision of this chapter; violation of the Rules of Professional Conduct; or, has been declared insane by a court of competent jurisdiction and not thereafter declared sane.

4) Code Section 40-21-350, which provides that any person may prefer charges of fraud, deceit, gross negligence or misconduct against any registrant and which makes provisions for the holding of hearings to determine the guilt or innocence of the accused.

5) Code Section 40-21-380, which provides that persons found guilty of unlawful practice of engineering or land surveying in the

absence of registration; using or attempting to use the certificate or seal of another person; giving false or forged evidence to the Board; falsely impersonating another registrant; attempting to use an expired or revoked certificate of registration, or violating any provisions of this chapter, shall be guilty of a misdemeanor punishable by a fine of not less than \$100 or more than \$500 or suffer imprisonment for a period not exceeding 3 months, or both.

(6) Code Section 40-21-390, entitled "Injunctions," which enables the Board to enforce the provisions of this chapter or to restrain any violation thereof by applying in the name of the State for an injunction as provided generally in civil cases.

(7) Code Section 40-21-400, paragraph 1, which provides for legal assistance by the Office of the Attorney General as may be necessary in carrying out the provisions of this chapter.

(8) Code Section 40-21-400, paragraph 2, which provides that the Clerk of the Court shall refuse to accept for filing any map, plat, survey or other document within the definition of land surveying dated after July 1, 1977, which does not have affixed thereto the personal signature and impression seal of a registered land surveyor.

(9) Code Section 40-21-320, which requires each registrant to obtain a seal for use on plans, specifications, plats and reports when filed with public authorities, and which prohibits the stamping or sealing of any documents with such seal after the certificate of the registrant has expired or been revoked, unless renewed or reissued.

Augmenting the specific provisions cited above, are the Rules of Professional Conduct, which are binding on all registrants, and the Minimum Standards Manual for the Practice of Land Surveying in South Carolina. Pamphlets containing the full text of the Code of Laws of South Carolina, the Code of Regulations, Rules of Professional Conduct and the Minimum Standards Manual for the Practice of Land Surveying in South Carolina are published, updated as necessary, and made available to all registrants and the public upon request.

## **B. REPORT OF BOARD INVESTIGATOR**

During fiscal year 1978-1979, concentrated effort has continued toward ensuring that Registered Land Surveyors, Clerks of Court and other interested persons, including the public at large, become increasingly familiar with and aware of the contents of the Minimum

Standards Manual. The manual was adopted and promulgated as a part of the Board's regulations in 1976 and it has proven to be of tremendous value by way of providing previously non-existent guidelines for a level of acceptable performance in the practice of land surveying. During the past fiscal year, this manual has been widely distributed and used in educational institutions instructing students in land surveying, by trainees gaining day-to-day experience in land surveying, and, most importantly, by land surveyors in active practice throughout the state. The Board has found that the minimum standards and other provisions of this manual have been generally well-received and adopted by land surveyors in their daily practice. Minor deviations have been called to the attention of surveyors involved, in an effort to achieve a satisfactory degree of state-wide uniformity and compliance with the standards.

During fiscal year 1978-1979, the Board's Enforcement and Compliance Program has also been directed toward taking of preventive measures aimed at correction of potential violations prior to development into situations wherein formal complaints, hearings and disciplinary actions arise. The Board members and investigator have participated in this endeavor by holding numerous informal discussions with registrants and their subordinates so as to offer suggestions and advisory instructions aimed at ensuring the proper degree of competent professional service to the public by professional registrants, while at the same time ensuring that the direct responsibility, checking and supervision called for by the law is afforded to the work of employees and subordinates of registrants. The acquisition of lawful experience of a character satisfactory to the Board is a registration criterion for every applicant for registration and the Board members accordingly feel that the time and effort expended so as to prevent the development of situations leading toward disciplinary action is as worthy an effort as the meting out of disciplinary action. The response to this effort has been encouraging and has advanced the long-standing effort of this Board to endeavor to resolve minor violations or infractions through voluntary and cooperative efforts where possible and consistent with the paramount duty to protect the health, safety and welfare of the public.

Approximately 100 investigative matters were handled during fiscal year 1978-1979 with the vast majority having been disposed of through voluntary and cooperative effort between the Board and the persons or firms involved. In several instances, it has been necessary

to call upon the services of the Office of the Attorney General to achieve the necessary disposition and these measures, which fall short of initiation of prosecutive, injunction or hearing action, have also proven effective. Standing arrangements with the Office of the Secretary of State have continued to be very effective toward ensuring that engineering firms setting up business in this State have a properly registered firm principal or employee in responsible charge of the firm's engineering services.

### **C. SUMMARY OF ENFORCEMENT AND COMPLIANCE MATTERS**

The Board has employed a full-time investigator since November, 1973. As a matter of interest, there follows a brief description and listing of the more flagrant types of enforcement matters which have been handled by the Board and which did not lend themselves to satisfactory solution other than through stringent and forceful Board action:

Two persons have been prosecuted and received substantial sentences and fines. One of these claimed professional membership in the Royal Society of Engineers of the British Empire, which was never proven to exist. This individual's South Carolina registration was also revoked and registration denied in several other states following this exposure. The investigative and legal services of the Office of the Attorney General were instrumental in the ultimate disposition of this matter.

In two cases, subjects of investigation have chosen to voluntarily relinquish their certificates of registration following investigation, thus avoiding the considerable expense of a hearing while at the same time accomplishing the desired results. Others have not chosen to renew their registrations following or incidental to an investigation.

Although certainly not typical of the thousands of applications for registration processed by this Board, investigations have revealed the following practices, which are generally surprising to the majority of the registered professionals of this Board:

Falsification of academic credentials and other false statements, which, in one case, resulted in revocation action by a number of state boards, primarily in the mid-west, and rejection of the application in South Carolina.

Concealment of illegal practice of engineering and other false

representations, which, in another noteworthy case, resulted in rejection of the application for registration and a permanent court injunction in South Carolina.

Unauthorized and illegal use of the signature or seal of a registrant without his knowledge, which, in one instance, led the Board to seek a permanent injunction to prevent further unlawful practice.

Falsely claiming to be a Professional Engineer registered in multiple states.

Proving resumes to reference having little or no knowledge of the applicant's qualifications or experience for the purpose of supplying official "verification" to the Board.

Unethical examination conduct.

Unlawful practice by persons not registered in South Carolina although registered in other states.

During fiscal year 1977-1978, the Board scheduled or held 3 hearings in disciplinary matters involving registrants. One of these cases was resolved by official reprimand citing misconduct and violation of the Rules of Professional Conduct wherein a Land Surveyor failed to properly consider the welfare of the public in carrying out his practice. In the second matter a decision and order was issued by the Board revoking the certificate of a person registered as a Professional Engineer and Land Surveyor on the Basis of his having been found guilty of offenses punishable by imprisonment in excess of one year. The remaining matter was continued and hearing date reset for fiscal year 1978-1979.

During fiscal year 1978-1979, the Board has taken disciplinary or other appropriate action in the following noteworthy cases:

In the case of a Registered Professional Engineer, who had been found guilty in state court of three counts of Breach of Trust with Fraudulent Intent, the Board suspended the Engineering Practice Certificate of this Engineer through January 29, 1981.

By Decision and Order of May 31, 1979, the Board suspended the Engineering Practice Certificate of a Registered Professional Engineer for two years due to violation of the Board's Rule of Professional Conduct, Section 49-16-D, which prohibits the solicitation or acceptance of gratuities, directly or indirectly, from contractors, their agents, or other parties dealing with an Engineer's



client or employee in connection with work for which the engineer is responsible.

In March, 1979, a Court Order was issued by the Judge of the Circuit Court at Camden, South Carolina, permanently enjoining an unlicensed surveyor of Kershaw County, South Carolina, from engaging in the practice of land surveying until such time, if, ever, he is authorized by law to do so.

In June, 1979, efforts were initiated aimed at securing an Injunction to prevent unlicensed surveying activity by a resident of Hilton Head Island, South Carolina. Efforts to secure service of a Summons on this individual resulted in advice that this individual had departed the state of South Carolina.

In November, 1978, investigation in the Charleston, South Carolina area on an allegation of illegal engineering practice did not result in substantiation of this allegation, but did develop information indicating possible consumer fraud. The results of the Board's investigation in this matter were referred to the Consumer Fraud Section of the Office of the Attorney General, where legal action was initiated.

As a result of a Hearing on April 9, 1979, at Columbia, South Carolina, the Certificate of Practice of a Registered Land Surveyor of Newberry County, South Carolina, was revoked by the Board, which found conclusive evidence of misconduct and negligence in the practice of land surveying, as well as failure to adhere to the provisions of the Minimum Standards Manual for the practice of Land Surveying in South Carolina, all to the detriment of the public welfare.

In a case of a Professional Engineer applying for registration in South Carolina on the basis of comity with the State Board in Pennsylvania, the Board did not act favorably on this application, due to the fact that the Board's investigation revealed evidence that the applicant had not received an engineering degree as he had claimed on his application. State Boards in Maryland, New Jersey, Delaware and Pennsylvania were advised of the results of the investigation made by the South Carolina Board for any action deemed appropriate by these Boards, where the applicant had previously been registered.

During fiscal year 1978-1979, the Board has also had occasion to issue several "cease and desist" letters to Land Surveyors of

neighboring states, who had apparently falsely believed that they could survey in South Carolina for a period of thirty days in the absence of registration or temporary permit, as provided for by law.

Other enforcement and compliance related activities have taken place as follows:

Participation in ethics seminars and related professional society meetings.

Issuance of letters of an advisory nature to persons and/or firms displaying apparent recalcitrance toward or lack of knowledge of the laws and regulations governing registration and the practices of engineering and land surveying in this state.

Circulation of advice to Clerks of Court and other interested persons, including attorneys and the public at large as to signature and impression seal requirements on survey maps dated after July 1, 1977, and presented for recordation.

Liaison activities with other state registration boards, the National Council of Engineering Examiners and other National, State, and local agencies and professional societies dealing with engineers and land surveyors in enforcement related matters.

Continuing liaison with the State Personnel Division aimed at encouraging professional registration by all qualified candidates in State Government.

Frequent conferences with members of the Council of Engineering Societies, which represents a broad spectrum of professional engineering societies in the State and with representatives of The Land Surveying Society and its chapters for mutual exchange of information bearing on the Board's Enforcement and Compliance Program as well as trends and developments of mutual interest in registration matters.

In summation, the Board feels fortunate to enjoy the support of registrants, professional societies, investigators, and personnel of other state boards, and the public at large in the furtherance of the aims of the enforcement program. Suggestions for improvement are at all times welcomed.

## FUTURE OBJECTIVES

Through continued public appearances and the news media, further emphasize the importance of the Board's Enforcement and Compliance Program and encourage an optimum degree of cooperation between all registrants, the Board and the public at large in the furtherance of this program.

Continue to examine and evaluate the provisions of the Minimum Standards Manual for the Practice of Land Surveying in South Carolina so as to make timely changes called for or suggested for the improvement of this manual.

Continue liaison with schools and colleges in South Carolina so as to encourage maximum utilization of the accreditation services provided by the Engineering Council for Professional Development (ECPD), and also to encourage more extensive professional registration by educators engaged in the fields of engineering and surveying education.

Work closely with the Classification and Compensation Section of the State Personnel Division in a joint endeavor to encourage professional registration by qualified candidates occupying or applying for engineering positions in State Government. Also continue to encourage professional registration in industry and the private practice sector as a further means of affording a maximum degree of protection to the public in its use of professional services, and to the candidate, through the examination and certification procedures prescribed by law.

Continue to work closely with boards having similar responsibilities such as the Architectural Examiners Board and the Board of Registration for Landscape Architects. Where indicated, coordinate investigations and exchange information of mutual benefit and interest.

Closely follow and adhere to the spirit and intent of legislation such as the Freedom of Information Act of 1978; the Act to Establish a System for the Review, Termination, Continuation or Reestablishment of State Agencies, Boards, Departments and Commissions; and the State Register and Administrative Procedures Act.

Continue to work closely with the National Council of Engineering Examiners (NCEE) and all member boards in an ongoing effort to achieve a maximum degree of uniformity in

registration and examination requirements among the various states. More uniform standards of education, experience and examination requirements facilitates comity or reciprocity arrangements between state boards of registration and offers a more uniform degree of protection to the public on a nation-wide basis.

### **S.C. STATE BOARD OF ENGINEERING EXAMINERS PUBLICATIONS**

1. **DIRECTORY OF ENGINEERS AND LAND SURVEYORS REGISTERED IN SOUTH CAROLINA** (annually)
2. **CODE OF LAWS, 1976, TITLE 40, CHAPTER 21**, regulating the practice of Engineering and Land Surveying in South Carolina (publish as amended)
3. **CODE OF REGULATIONS PROMULGATED BY THE BOARD** under Authority of Section 40-21-110 of the 1976 Code of Laws
4. **RULES OF PROFESSIONAL CONDUCT** (Promulgated under Authority of Section 40-21-110 of the Act)
5. **MINIMUM STANDARDS MANUAL FOR THE PRACTICE OF LAND SURVEYING.** (Promulgated under Authority of Section 40-21-110 of the Act)