

APEGGA

*The Association of
Professional Engineers, Geologists
and Geophysicists of Alberta*



A N N U A L R E P O R T
1 9 9 6 - 1 9 9 7

Our Cover

The cover of the 1996-1997 Annual Report draws attention to how APEGGA members, through Alberta-based engineering, geological and geophysical firms, increasingly are exporting their expertise around the world.



Geophysical survey crew from Solid State Geophysical Inc. of Calgary on location in Yemen.

Petrel Robertson Ltd. of Calgary is providing geological consulting services to Pemex for its offshore activities in the Gulf of Mexico. (Photo by Michael Doyle, P.Geoph.)



In Nigeria, Reid Crowther International of Calgary is participating in the project design and construction supervision of a water distribution network for the Lagos State Water Corporation.

Civil, and water resource engineers from the Alberta offices of the UMA Group Ltd. and AGRA Earth and Environmental are rehabilitating salt-laden soils in Rajasthan, India.



[APEGGA'S MISSION]

To serve society by regulating, enhancing and providing leadership in the practice of the professions of engineering, geology and geophysics.

In Alberta engineers, geologists and geophysicists use their expertise in such areas as resource development, construction, public works, transportation, agriculture, manufacturing and processing. Under Alberta statute, APEGGA registers, sets practice standards and determines disciplinary action, when necessary, for its more than 29,000 members.

APEGGA's membership services are designed to enhance professional and personal development. Seminars, meetings, salary surveys, employment counselling, and achievement awards are provided on a regular basis. An active career counselling program keeps young people informed of opportunities in engineering, geology and geophysics, and develops an awareness of how these professions affect their daily lives.

The Association has a head office in Edmonton and an administrative office in Calgary. Nine Association branches are active in major centres throughout Alberta. APEGGA maintains good relations with Alberta's universities, industry and government. It maintains a national voice on broader issues affecting the professions through involvement with the Canadian Council of Professional Engineers.

[APEGGA'S VISION]

To be the focal organization which is the recognized leader of the engineering, geology and geophysics professions involved in the application of science and technology for the benefit of society within Alberta.



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1996/97 COUNCIL

PRESIDENT

Fred Otto, P.Eng., PhD Edmonton

PAST PRESIDENT

John R. Wood, P.Eng. Calgary

1ST VICE PRESIDENT

Dennis Lindberg, P.Eng. Edmonton

2ND VICE PRESIDENT

Don Ferrier, P.Eng. Calgary

COUNCILLORS

Julie Aitken, P.Geoph., Calgary

Alan Blackie, P.Geol., Calgary

John Boyd, P.Geoph., Calgary

Lisa Doig, P.Eng., Calgary

Sue Evison, P.Eng., Calgary

Mark Lasby, P.Eng., Edmonton

Dale Miller, P.Eng., Lethbridge

Jim Montgomery, P.Eng., PhD, Edmonton

Dan Motyka, P.Eng., Calgary

Connie Parenteau, P.Eng., Edmonton

Alice Payne, P.Geol., Calgary

Mike Strong, P.Eng., Calgary

PUBLIC REPRESENTATIVES

Donald Hoover, P.Ag., Edmonton

Les Young, Edmonton

CCPE DIRECTOR

Noel Cleland, P.Eng., Calgary

BRANCH CHAIRS

Calgary - Alf Hartling, P.Geol.

Central Alberta - David Miller, P.Eng.

Fort McMurray - Brenda Wright, P.Geol.

Lakeland - John Bulmer, P.Eng.

Lethbridge - Mark Bellamy, P.Eng.

Medicine Hat - John John, P.Eng.

Peace River - John Lehnars, P.Eng.

Vermilion River - Brian Kennedy, P.Eng.

Yellowhead - Darryl Verheire, P.Eng.

STAFF

<i>Executive Director & Registrar</i>	H. Neil Windsor, P.Eng.
<i>Director, Registration, & Deputy Registrar</i>	Albert Schuld, P.Eng.
<i>Assistant Director, Registration,</i>	Leonard Shrimpton, P.Eng.
<i>Director, Professional Practice,</i>	Stewart McIntosh, P.Eng.
<i>Director, Enforcement,</i>	David Todd, P.Eng.
<i>Director, Professional Affairs,</i>	Raymond Chopiuk, P.Eng.
<i>Director, Communications,</i>	Trevor Maine, P.Eng.

President's Report

Fred Otto, P.Eng., PhD

It has been a distinct honor and privilege to serve as APEGGA's 77th President. The opportunity to work with other members of Council and a dedicated management team to further the goals and aims of the Association has been particularly rewarding. We can be proud of the contribution that APEGGA makes to ensuring

high standards of professional practice and of the contributions that the professions of engineering, geology and geophysics make to the social and economic well-being of Albertans. Council has dealt with a number of important issues this year and taken initiatives that will further strengthen the relevance and purpose of our professions.

Association Governance

A new governance model for the Association was introduced in 1996. The model provides a framework that clarifies roles and responsibilities within APEGGA. The council's primary responsibility is to determine and articulate the Association's purpose and goals and then develop policies that provide direction to achieve the goals. The Executive Director is responsible and accountable for utilizing the Association's resources to achieve the goals that have been identified. Within this model, regulatory committees, such as the Discipline Committee and the Board of Examiners, retain their responsibility to make independent decisions.

The discipline and focus demanded by this governance model will contribute to making APEGGA a more focused and effective organization. This has been evident at our Council meetings and at a strategic planning session that was held in May 1996.

Strategic Planning

At the May planning session, Council and APEGGA Directors debated broad issues such as the kind of organization that APEGGA should be in the future, the relevance of APEGGA, relationships with government and other organizations, and regulation of corporate prac-

tice. The session resulted in six policy statements that will guide the future direction of the Association.

- 1) APEGGA will hold paramount the protection of the public.
- 2) APEGGA will support the work of the Canadian Council of Professional Engineers and other national organizations involved in promoting the national and international interests of APEGGA members.
- 3) The professions of engineering, geology and geophysics will be self-governing professions with rights to titles and exclusive scopes to practice.
- 4) APEGGA will enhance the value and relevance of professional membership for engineers, geologists and geophysicists.
- 5) APEGGA will provide leadership and encouragement in advancing science and technology.
- 6) APEGGA will foster positive relationships with the Alberta government based on mutual respect and trust.

These policies were given to the Executive Director for action plan development and implementation. They have subsequently become key components of the Association's business plan that was approved by Council in November 1996. Highlights of the business plan include: strengthening APEGGA's core responsibilities in the areas of registration, enforcement and discipline; moving forward with mandatory continuing competence and proactive practice review programs; defining a more active role for APEGGA in the area of professional development of members; building on existing communications programs and an already strong role in the promotion of science and technology; improving the public's understanding of the value of professional services; and the establishment of the APEGGA Education Foundation.

APEGGA staff and members of Council are to be commended for the work undertaken to produce an effec-

tive business plan for the Association.

Regulation of Corporate Practice

Following study by a Council committee, a five-point policy on the regulation of corporate practice was approved by Council in November 1996.

In summary, the policy states that it is in the public interest for APEGGA to maintain a system to enforce the Code of Ethics on the management of consulting firms, operating companies, Crown corporations, government agencies and similar entities engaged in the practice of engineering, geology and geophysics. The policy further states that entities providing services directed to the public be licensed separately from entities that consume their own services. It also calls for APEGGA to encourage corporations to strive for good corporate citizenship that exceeds regulatory requirements and, finally, specifies that sole practitioners not be required to obtain a corporate licence.

The Executive Director and his staff are now working to identify the actions necessary to implement this new policy. The ultimate goal must be for APEGGA, corporations, and other concerned entities to work together to maximize the value of the Permit to Practice.

Professional Competence

Council has given strong support to the work of the Practice Review Board's Subcommittee on Continuing Competence. The changes to the regulations in the Engineering, Geological and Geophysical Professions (EGGP) Act that are necessary to implement a mandatory continuing competence program were approved at the November 1996 meeting of Council. At the February 1997 meeting, Council endorsed the Continuing Professional Development Manual and implementation schedule as proposed by the subcommittee and presented in the business plan. The program has the purpose of promoting the continuing competence of our members not only for the protection of the public but also for

their own professional success. It encourages members to develop programs appropriate to their individual circumstances. The Continuing Competence Subcommittee has done exemplary work for the Association by providing important leadership to design a rational program to address the continuing competence issue for our professions.

Specified Scope of Practice

Over the past few years, there has been extensive debate over the recognition of the important role that technologists play on the engineering team. The Alberta Society of Engineering Technologists (ASET) has been pursuing a separate independent scope of practice for technologists. APEGGA has resisted this approach on the basis that engineering technology is inseparable from engineering and that it is in the best interest of the public to have all engineering regulated under the E.G.G.P. Act.

Since 1995, APEGGA has been exploring the concept of a specified scope of practice as a possible way to allow qualified technologists to practice under the EGGP Act. During my term as President, I have held a series of meetings with the President of ASET and a representative of the Minister of Public Works, Supply and Services. The purpose of the meetings was to try and resolve the issue of recognition and independent practice for some technologists based on a specified scope of practice model.

APEGGA has proposed that the EGGP Act be modified to make it possible to grant a licence to suitably qualified members of ASET to practice engineering in a defined area of endeavor. These people would be subject to APEGGA's practice review and continuing competency requirements, and to APEGGA's discipline process in the case of unskilled practice. I am convinced that this action would be of benefit to members of ASET and to our permit holders. Although, it does not satisfy all the aspirations of the ASET organization, I am hopeful that it will eventually receive its support.

Human Rights Issues in Professional Practice

At the February 1997 meeting, Council endorsed a new Guideline on Human Rights Issues in Professional Practice. This guideline was developed by a Workplace Issues Subcommittee of the Practice Standards Committee, chaired by Linda Van Gastel, P.Eng. It is an excellent document and an important statement of APEGGA's expectations of members and permit holders in the area of human rights in the workplace.

Executive Director

In October, we welcomed Neil Windsor, P.Eng., as the new Executive Director of APEGGA. Neil has a background in municipal engineering followed by a distinguished political career in the Newfoundland House of Assembly. He held a series of key ministerial posts through which he gained experience in the management of mineral, petroleum and energy resources; fiscal and economic policy; labor relations; business development; assistance to small businesses; science and technology policy; and urban and rural planning and development. In effect, Neil will be the Chief Operating Officer of the Association. His experience, along with his management and communication skills will assist him to provide the visionary leadership that will be required to deal with the challenges and opportunities that our professions will experience in the future.

Neil succeeds Bob Ross, P.Eng., who retired as the Executive Director of APEGGA in 1996. Bob was appointed Executive Director in 1988 and during his term of office contributed greatly to enhancing the stature and relevance of APEGGA, both in Alberta and across Canada. APEGGA is grateful for the dedicated service that he provided to the Association. On a personal note, I very much appreciate the wisdom and assistance that Bob provided to me during my term as President. Thank you Bob. Best wishes to you and Alli in your retirement years.

Concluding Comments

As President, I have had the privilege of representing APEGGA at meetings of other provincial associations and meetings of the CCPE, speaking to students

at the University of Alberta and The University of Calgary, meeting with the executives of the Consulting Engineers of Alberta (CEA) and ASET, deputy ministers and members of the Legislative Assembly, and visiting the APEGGA branches across the province. These have been stimulating and worthwhile interactions that have reinforced the significance of the role that our professions play and the esteem with which our Association is held.

I would like to extend a special thank you to the members of the branch executives for making my visits to various communities in Alberta interesting and informative. The branches play an important role in maintaining contact with our members and in delivering APEGGA initiatives. The visits provided me an opportunity to experience the renewed vitality of industrial activity in the province. The expansions that are occurring in the heavy oil, chemical, manufacturing and other sectors bode well for employment opportunities for the members of our professions.

On behalf of the Association, I would also like to express appreciation to past presidents Bill Fraser, P.Eng., and Noel Cleland, P.Eng.; and 1st Vice-President Dennis Lindberg, P.Eng., for the contributions that they have made to the work of the CCPE during my term as President. Bill is stepping down from the CCPE executive in May 1997. Bill was an effective member of the executive and provided exemplary leadership for the CCPE's initiative to develop a national vision for the engineering profession.

APEGGA is fortunate to have many volunteers who willingly dedicate time to activities ranging from service on the Board of Examiners and the Discipline Committee, to assisting teachers with science projects and being judges at the Science Olympics. Having the support of these people is essential to APEGGA's success and is greatly appreciated.

Finally, I wish to convey my congratulations, best wishes and support to Dennis Lindberg, P.Eng., who will be the next president of our Association, and to thank all who have assisted to make my term of office a memorable experience.

Executive Director's Report

H. Neil Windsor, P.Eng.



My first six months as Executive Director have been ones of great challenge, tremendous opportunity and a steep learning curve. I welcome with enthusiasm this opportunity to contribute to

Alberta's largest professional association. APEGGA is fortunate to have a Council which has shown wisdom, vision and strong leadership, and to have a highly professional staff and hundreds of professional member volunteers whose dedication is the lifeblood of APEGGA. As a newly inducted member, I take great pride in being accepted into an association which is held in such high esteem both within Alberta and across Canada.

Council has adopted strategic initiatives and a new governance model and has initiated new programs to promote continued professional development, corporate practice reviews, guidelines for workplace issues and legislative changes to give effect to new policies already approved. This planning sets the course for the balance of this millennium and I am confident it will lead us to even greater achievements on behalf of our membership and society generally.

Changes to the Engineering, Geological and Geophysical Professions Act

In 1996, several important changes to the Engineering, Geological and Geophysical Professions Act were proclaimed. The first is a change in the experience requirement for professional registration to four years, from two. This is consistent with what is happening in other jurisdictions and will help to ensure the mobility of APEGGA members.

Changes will also make many of the Association's activities more open to the public. There will be increased public representation on Council and on various regulatory committees, and the discipline process will be more transparent with most hearings open to the public.

Mandatory Continuing Professional Development Program

Council authorized the development of a mandatory continuing professional development program in early 1996. Since that time, a subcommittee of the Practice Review Board has been working diligently to develop a program that will meet our obligation to the public to demonstrate that Professional Members carry out activities to maintain or improve their skills. At the same time, the program must be flexible and be valuable to the career development of members without being unnecessarily burdensome. It is important for members to recognize that maintaining professional competence is critical in the present climate of frequent career changes and increased mobility if we are to remain competitive in the marketplace.

Throughout its deliberations, the subcommittee has kept members informed of progress with regular articles in The PEGG, meetings with groups of members and correspondence with interested individuals. A substantial amount of feedback was received resulting in several revisions to the proposed program. In February, Council approved the guideline for the program subject to final editing.

All members will receive the guideline this year and will be encouraged to initiate their program at that time.

Proactive Practice Reviews

A program of proactive practice reviews is being initiated in 1997. Under this program, areas of practice that have been identified as problematic because of complaints, or that are considered higher risk, will be targeted. Qualified professionals will conduct reviews of individual or corporate practice on a random basis in the targeted areas.

This will provide a mechanism for members to assess and improve their overall performance by utilizing the expertise of the reviewer and will help to reduce potentially more serious problems by identifying and correcting unacceptable practices. The program will also enhance the credibility and value of the professions to members and the public.

APEGGA's Business Plan - 1997 and Beyond

In November, Council approved a business plan that charts the Association's course in the future. It outlines current activities and strategic initiatives approved by Council in May 1996. The plan identifies key directions for the future as a result of the strategic initiatives and the programs described above. Member and financial projections provide information based on the longer term effect of new programs. The business plan will provide direction as important new programs are implemented.

Administrative Restructuring

We have recently undertaken a review and restructuring of the administration which included Directors responsibilities being reassigned according to specific areas of activity. As a result, Directors' responsibility for boards

and committees will more closely be aligned with their specific areas of activity. Additional personnel will be located in the Calgary office to provide support in public relations, the science and tech outreach program, and the continuing professional development program. Our Communications Division has been enhanced by the appointment of a Manager of Public Relations and the addition of public relations support staff. Additional support staff to deliver the professional development and practice review programs and to expand on our abilities in the field of communications technology will ensure success of these programs and allow us to deliver an expanded range of services and information on our Internet home page.

Awareness and Image Enhancement

In keeping with Council policies, increased activity has been initiated in the area of government and corporate relations, and efforts have been made to work co-operatively with other associations. Jointly with Consulting Engineers of Alberta, we have established a task force to work with municipalities and their organizations to foster a better mutual understanding of each other's roles and to determine how the professions can be more effective in meeting their needs. Progress has also been made in maintaining continuous dialogue with the appropriate government officials and ensuring that APEGGA's interests are brought forward in a positive light.

Conclusion

The coming year will present significant challenges to our new Council as well as opportunities to contribute in a very significant and meaningful way to the advancement of the professions in Alberta and nationally. Our role in support of the Canadian Council of Professional Engineers will be particularly important as will our support for the formation of the Canadian Council of Professional Geoscientists. It should prove to be an exciting year for Council, staff, and the many volunteers who contribute so meaningfully to the work of APEGGA. I have every confidence that APEGGA will once again lead the way for other associations to follow.

APEGGA 1996-1997 COUNCIL



Back Row: (left to right)
 Alan Blackie, P.Geol.; Julie Aitken, P.Geoph.; Don Hoover, P.Ag. (Public Member); Lisa Doig, P.Eng.; and John Boyd, P.Geoph.

Middle Row: (left to right)
 Jim Montgomery, P.Eng., PhD; Dale Miller, P.Eng.; Dan Motyka, P.Eng.; Sue Evison, P.Eng.; Connie Parenteau, P.Eng.; Alice Payne, P.Geol.; and Mark Lasby, P.Eng.

Front Row Seated: (left to right)
 Past President John R. Wood, P.Eng.; 1st Vice President Dennis Lindberg, P.Eng.; President Fred Otto, P.Eng., PhD, and 2nd Vice President Don Ferrier, P.Eng.

Missing: Les Young (Public Member).

Registration Report

Al Schuld, P.Eng., Director, Registration



The Registration Department is responsible for the processing of new applications, reactivation of old applications and the maintenance of existing memberships and permits. APEGGA membership rose significantly, by 3.8 per cent, to 29,157. Significant increases were evident in all categories except for Licensees. Licensees declined because of the conversion of Canadian Licensees to Professional Members. Applications received remained at the same level as 1995 but those approved by the Board increased by almost 40 per cent due primarily to the increase in the experience requirements and carry-over from 1995. Council initiated annual dues for Life Members who are approved after January 1, 1997. The dues are 25 per cent of Professional Member dues.

Board of Examiners

The Board of Examiners purpose is to ensure that individuals approved for registration meet the standards for admission as defined in the Act and the Regulations. An applicant's academic background and experience are the Board's primary focus but character, English-language competence and knowledge of professional law and ethics are other quali-

fications that must be met. To this end, the Board's Executive Committee met 11 times to consider 2,298 individual applications. The entire Board met twice to consider policy issues, examination results and three appeals of decisions of the Executive Committee.

Changes to the existing and a new application package were introduced July 1, 1996 as a result of legislative revisions, the Agreement on Internal Trade, and NAFTA.

Academic Qualifications

Limited participation in a national pilot project on technical examinations was approved. It is hoped that national examinations will ensure a greater degree of consistency between examinations and that there will be cost savings to APEGGA applicants. Hong Kong was ratified as a signatory to the Washington Accord. In doing so, the Board recognizes the accreditation system in Hong Kong as substantially equivalent to the Canadian accreditation system for graduates from 1995 and onwards.

Experience Qualifications

The four-year experience requirement implementation was delayed to July 1, 1996. Coincidentally, the Guideline for Experience Requirements for Professional

Registration was introduced to replace the Guideline for a Structured Program for M.I.T.s that had been in place since 1993. The Board also reviewed how it handles experience that is deemed to be either repetitive or peripheral.

Good Character Qualifications

Details were finalized on the process for handling applicants that require a more detailed review of their character. A subcommittee has been created that will handle the confidential information that may be provided.

Knowledge of Professional Law and Ethics

A new syllabus has been approved for the Professional Practice Examination that reflects a better categorization of the subjects and includes new emerging topics.

Permits to Practice

Corporations, partnerships and other like entities that are engaged in the practice of engineering, geology and geophysics are registered by APEGGA with the issuance of a Permit to Practice. There has been a net increase of 4.3 per cent in the number of active permits over 1994. This continues to be due to the increased creation of corporations by members who have been affected by downsizing.

P E R M I T S

	1994	1995	1996
New Issue	217	220	189
Voluntary Cancellations	139	88	83
Reinstatements	35	95	31
Cancellations by APEGGA	48	67	46
Active Permits - End of Year	2,027	2,127	2,218

Key Statistics

MEMBERSHIP SUMMARY

	1996	1995	Percent Change
Life/Honorary Member	2,351	2,208	5.8
Professional Member	23,399	22,314	4.9
Licensee	120	725	-83.5
Member-In-Training	2,993	2,555	17.1
Exam Candidate/Student	294	267	10.1
Total	29,157	28,069	3.8

APPLICATIONS RECEIVED

For APEGGA

	1996	1995	Percent Change
Professional Member	1,053	1,064	-1.0
Licensee	74	97	-23.8
Member-In-Training	1,086	1,063	2.2
Student	16	22	-27.3
Other	14	18	-22.3
Total	2,243	2,264	-1.0

For APEYT & NAPEGG

55	41	34.1
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APPLICATIONS APPROVED

(Numbers in brackets are for 1995)

	Members		MITs		Licensees		Exam Candidates		Students	
By Board:										
From Other Association	112	(100)								
From MIT	511	(356)								
From Exam/Student	15	(18)	13	(32)	0	(0)				
New	375	(217)	1,139	(803)	9	(53)	128	(73)	40	(36)
Total	1,013	(691)	1,152	(835)	9	(53)	128	(73)	40	(36)
By Staff/Council:										
Reinstates	570	(464)	116	(57)	12	(12)	9	(9)	4	(1)
Resign/Cancel	244	(197)	14	(18)	29	(10)				
Struck/Expired	665	(757)	303	(303)	41	(35)				
Deceased	51	(45)	0	(1)	0	(0)				
Withdrawn							81	(70)	59	(41)
Total	1,330	(1,463)	433	(379)	82	(57)	90	(79)	63	(42)

MEMBERSHIP DETAIL

Membership as of Dec. 31, 1996

During 1996

Net Change

Life Members

P.Eng.	1,849	126
P.Geol.	355	12
P.Geoph.	75	6
Dual Registration	20	0
Total	2,299	144

Honorary Life Members	37	1
Honorary Members	15	-2

Professional Members

P.Eng.	20,073	978
P.Geol.	2,416	90
P.Geoph.	847	10
Dual Registration	63	7
Total	23,399	1,085

Licensees (Canadian)

P.Eng.	0	-554
P.Geol.	0	-40
P.Geoph.	0	-7
Dual Registration	0	-5
Total	0	-606

Licensees (Foreign)

P.Eng.	112	0
P.Geol.	4	1
P.Geoph.	4	0
Dual Registration	0	0
Total	120	1

Members-In-Training

E.I.T.	2,834	440
Geol.I.T.	112	12
Geoph.I.T.	47	10
Total	2,993	438

Exam Candidates21536

Students79-9

Total Membership ... 29,157 ... 1,088

APEGGA - A Presence In Photos



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2



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Through its many contacts with the public and community leaders, APEGGA makes an effort to be seen, to be heard, and to listen. Activities include APEGGA volunteers contributing time and talents to science demonstrations (1) and rock clinics (2) during National Science and Technology Week. APEGGA also is the sponsor of the Edmonton Science Olympics held as part of National Engineering Week (3).

Another way in which APEGGA reaches out to the community is through its scholarship programs. Second Vice-President Don Ferrier, P.Eng., (right) presents Richard Douglas Kruger with the Roy O. Lindseth Undergraduate Geophysics Scholarship at The University of Calgary. (4).

Meanwhile, Edmonton Career Counselling Committee Chair Olwen Wirth, P.Geol.,(right) presents an APEGGA Teacher Award to Leslie Owsley, one of 14 teachers recognized in 1996 for their outstanding contributions toward the teaching of science and math (5).

The Association reaches out to the wider community via the media. First Vice-President Dennis Lindberg, P.Eng., is interviewed for a TV report (6).

APEGGA also maintains regular contact with elected officials. Premier Ralph Klein chats with APEGGA President Fred Otto, P.Eng., PhD, and Executive Director Neil Windsor, P.Eng., (right) (7) during an Association-sponsored reception. While visiting Lloydminster, APEGGA's President meets with local municipal and education officials (8).



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8

Report by Public Members of Council

The APEGGA Council continues to provide a high level of public safety by administering the Engineering, Geological and Geophysical Professions Act, and providing self-regulation of the professions governed within the Act.

The function of Council has changed significantly by placing an emphasis on strong leadership. This change is based on the Governance Manual prepared by the Roles, Responsibilities, and Accountability Task Force, which was supported by Council.

A detailed Continuing Competency Program has been developed this year and has received positive initial support from members. This initiative is viewed by Public Members as a significant program for maintenance of the high level of professional skills required by APEGGA members.

As Public Members, we are aware of the need for well organized and carefully disciplined professions. The Association remains financially sound and fiscally responsible. Its dealings with disciplinary actions and practice standards are carried out in a profes-

D.L. Hoover, P.Ag.

sional manner.

We welcome Neil Windsor, P.Eng., the new APEGGA Executive Director, and look forward to working with Council and staff during the next year.



L.G. Young



APEGGA hosted a one-day environmental seminar in June for other provincial and territorial associations representing engineers and geoscientists. Former APEGGA Environment Committee Chair Bill Berzins, P.Eng., leads seminar participants.

Financial Statements Year Ended December 31, 1996

AUDITOR'S REPORT

To the members of
The Association of Professional Engineers,
Geologists and Geophysicists of Alberta

I have audited the statement of financial position of The Association of Professional Engineers, Geologists and Geophysicists of Alberta as at December 31, 1996 and the statements of operations, net assets and cash flows for the year then ended. These financial statements are the responsibility of the Association's management. My responsibility is to express an opinion on these financial statements based on my audit.

I conducted my audit in accordance with generally accepted auditing standards. Those standards require that I plan and perform an audit to obtain reasonable assurance whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation.

In my opinion, these financial statements present fairly, in all material respects, the financial position of the Association as at December 31, 1996 and the results of its operations and the changes in its cash flows for the year then ended in accordance with generally accepted accounting principles.

My audit was made for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplementary information included in the Summary of Committee Operations is provided for the purposes of additional analysis and is not a required part of the basic financial statements. Such supplementary information has been subjected to the auditing procedures applied in the audit of the basic financial statements, and in my opinion, is fairly stated, in all material respects, in relation to the basic financial statements taken as a whole.

The comparative figures as at December 31, 1995 and for the period then ended are based upon financial statements which were reported on by another auditor.



Bruce H. Childs Professional Corporation
Chartered Accountant
Edmonton, Alberta, Canada
January 27, 1997

STATEMENT OF FINANCIAL POSITION

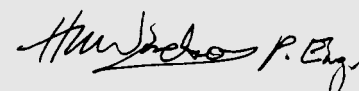
December 31, 1996 with comparative figures for 1995

ASSETS	1996	1995
CURRENT ASSETS:		
Cash	\$ 814,058	\$ 291,506
Accounts receivable	72,517	23,695
Inventory of educational materials	37,743	41,520
Prepaid expenses	9,349	16,993
	<u>933,667</u>	<u>373,714</u>
CAPITAL ASSETS (note 1)	119,300	68,978
INVESTMENTS— at cost	2,229,990	2,102,725
(market value \$2,309,434—1995 \$2,148,343)		
STUDENT LOAN ACCOUNT	11,340	10,977
	<u>\$ 3,294,297</u>	<u>\$ 2,556,394</u>
LIABILITIES AND NET ASSETS		
CURRENT LIABILITIES		
Accounts payable & accrued liabilities	\$ 151,938	\$ 72,251
Prepaid revenue	428,602	—
	<u>580,540</u>	72,251
DEFERRED LEASE INDUCEMENT	<u>—</u>	23,806
NET ASSETS	<u>2,713,757</u>	2,460,337
	<u>\$3,294,297</u>	<u>\$ 2,556,394</u>
LEASE OBLIGATIONS (note 3)		

Approved on behalf of the Council:



President



Executive Director

STATEMENT OF OPERATIONSYear ended December 31, 1996,
(with comparative figures for 1995)

	1996 Actual	1996 Budget <i>(Unaudited)</i>	1995 Actual
REVENUES			
Dues	\$ 3,443,100	\$ 3,418,867	\$ 3,348,275
Permit fees	394,407	385,166	376,523
Registration fees	209,178	207,991	208,797
Examination fees	64,747	59,400	63,965
General revenue	461,600	417,670	652,645
	<u>4,573,032</u>	<u>4,489,094</u>	<u>4,650,205</u>
EXPENSES (schedule)	<u>4,319,612</u>	<u>4,467,524</u>	<u>4,398,664</u>
EXCESS OF REVENUE OVER EXPENSES	<u>\$ 253,420</u>	<u>\$ 21,570</u>	<u>\$ 251,541</u>

STATEMENT OF CASH FLOWSYear ended December 31, 1996
(with comparative figures for 1995)

	1996	1995
CASH FLOWS FROM OPERATIONS		
Cash received from members	\$ 4,495,969	\$ 3,983,045
Cash received from general revenue	456,882	652,645
Cash paid for salaries and benefits	(1,434,152)	(1,329,246)
Cash paid for materials and services	(2,786,023)	(3,172,251)
Net cash generated through operations	<u>732,676</u>	<u>134,193</u>
CASH FLOWS USED IN INVESTING ACTIVITIES		
Purchase of capital assets	82,496	10,349
Purchase of investments	127,265	133,086
Student loan account	363	309
Net cash used in investing activities	<u>(210,124)</u>	<u>(143,744)</u>
NET INCREASE (DECREASE) IN CASH	522,552	(9,551)
CASH AT BEGINNING OF YEAR	<u>291,506</u>	<u>301,057</u>
CASH AT END OF YEAR	<u>\$ 814,058</u>	<u>\$ 291,506</u>

STATEMENT OF CHANGES IN NET ASSETSYear ended December 31, 1996
(with comparative figures for 1995)

Net assets	Invested in Capital Assets	Unrestricted	1996 Total	1995 Total
Balance, beginning of year	\$ 68,978	\$ 2,391,359	\$ 2,460,337	\$ 2,208,796
Excess of revenues over expenses		253,420	253,420	251,541
Investment in capital assets	50,322	(50,322)		
Balance at end of year	<u>\$ 119,300</u>	<u>\$ 2,594,457</u>	<u>\$ 2,713,757</u>	<u>\$ 2,460,337</u>

NOTES TO FINANCIAL STATEMENTS

Year ended December 31, 1996

The Association is incorporated under the Engineering, Geological and Geophysical Professions Act of Alberta.

Mission Statement

To serve society by regulating, enhancing and providing leadership in the practice of the professions of engineering, geology and geophysics.

SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Revenue Recognition

Revenue is recorded on the accrual basis, reduced by unpaid dues of members struck from the register.

Inventory of Educational Materials

Inventory of educational materials is valued at the lower of cost and net realizable value.

Investments

Investments are reported at cost. When there has been a decline in the value of the investments which is other than temporary, the carrying value is reduced accordingly.

Capital Assets

Capital assets are stated at cost. Amortization is recorded on the following bases and annual rates:

Asset	Rate	Basis
Furniture and fixtures	10%	straight-line
Leasehold improvements	20%	straight-line
Computer	30%	declining balance

Pension Costs and Obligations

Current service costs are charged to operations as they accrue based on services rendered by employees during the year. Adjustments arising from plan amendments, changes in assumptions, experience gains and losses and the difference between the actuarial present value of accrued benefits and the value of pension fund assets as January 1, 1993 are amortized over the expected average remaining service life of the employee group. As there are restrictions on the ability of the Association to access surplus balances, these adjustments are recognized only to the extent of current service costs.

1. CAPITAL ASSETS

		1996	1995
	Cost	Accumulated amortization	Net book value
Furniture & Fixtures	\$ 147,514	68,755	78,759
Leasehold Improvements	5,342	2,961	2,381
Computer	309,880	271,720	38,160
	<u>\$ 462,736</u>	<u>\$ 343,436</u>	<u>\$ 119,300</u>
			<u>\$ 68,978</u>

2. PENSION PLAN

The Association maintains a defined benefit pension plan which covers its full-time employees. The most recent actuarial valuation, as at December 31, 1996 indicated that the present value of accrued pension benefits was \$2,033,000. The value of pension fund assets, determined from market values, was \$3,777,121.

3. LEASE OBLIGATIONS

The Association leases office premises and equipment under agreements expiring on various dates from January 1998 to September 2004. The minimum lease payments including estimated operating costs and GST, for each of the next five years are as follows:

1997	\$ 392,000
1998	\$ 379,000
1999	\$ 372,000
2000	\$ 389,000
2001	\$ 344,000
Thereafter	\$ 674,000
TOTAL	<u>\$ 2,550,000</u>

SCHEDULE OF EXPENSES

Year ended December 31

	1996	1996	1995
	Actual	Budget (Unaudited)	Actual
Grants and awards	\$ 98,724	\$ 112,270	\$ 100,379
CCPE	224,778	223,000	219,982
Communications initiatives	382,412	413,600	390,040
Meetings and travel	456,221	583,570	532,115
Exam administration	138,443	119,000	132,417
Ad Hoc projects	1,153	12,500	30,590
Miscellaneous	32,218	34,824	46,428
Professional memberships	8,419	8,590	8,282
Career counselling	4,178	12,000	26,196
Annual general meeting	141,396	136,775	196,137
Certificates, seals and stamps	46,946	47,040	45,680
Stationery and printing	316,041	309,580	350,571
Postage, telephone & courier	324,825	306,550	327,650
Office rent and parking	195,045	204,000	179,735
Equipment repairs rentals & maintenance	12,808	6,000	11,971
Insurance	12,599	14,000	12,352
Consultants	278,781	262,125	306,145
Salaries and benefits	1,434,427	1,458,500	1,329,246
Computer	110,083	100,000	58,942
Personnel administration	15,266	15,600	27,422
General administration	52,675	62,000	37,947
Amortization	32,174	26,000	28,437
	<u>\$ 4,319,612</u>	<u>\$4,467,524</u>	<u>\$ 4,398,664</u>

SUMMARY OF COMMITTEE OPERATIONS

Year ended December 31

	1996	1996	1995
	Actual	Budget (Unaudited)	Actual
Act, Regulations and By-laws	\$ 20,618	\$ 24,050	\$ 15,670
APEGGA/AAA Joint Board of Practice	2,971	2,000	2,703
APPEGA/CSPG/CSEG Liaison	796	1,380	896
Appeal Board	25,752	27,270	31,424
Ballot Counting/ Nominating	24,765	23,905	22,853
Education	4,579	6,220	2,475
Board of Examiners	65,671	71,800	64,898
Career Counselling Edmonton	3,510	4,995	5,174
Communications Co-ordinating	3,333	6,120	5,697
Council and Executive	248,055	248,650	207,155
Discipline	73,335	125,700	79,496
District Meetings Edmonton	8,807	10,050	11,062
Education Co-ordinating	1,188	4,055	4,634
Enforcement Review	13,837	30,400	18,370
Environment	9,571	6,905	7,109
Honours and Awards	79,651	65,300	56,411
Member Liaison Edmonton	1,277	4,925	1,671
Practice Review Board	12,725	44,800	29,552
Practice Standards	18,254	46,500	27,835
Professional Development	11,927	38,350	26,535
Professional Practice Exams	21,314	20,470	10,556
Public and Member Relations	281,935	315,675	300,211
Publications & Editorial Advisory	324,781	339,695	318,803
Self-Governance Co-ordinating	1,050	2,000	4,901
Staff Benefits	37	3,685	589
AGM/Summit Awards	126,510	120,700	181,369
Task force— Career Counselling	0	0	220
Task Force— Specified Scope of Practise	4,860	5,700	811
University Student Liaison Edmonton	25	1,595	365
	<u>\$ 1,391,134</u>	<u>\$ 1,602,895</u>	<u>\$1,439,445</u>

Committee, Board and Task Force Reports

ACT, REGULATIONS AND BYLAWS COMMITTEE

Gordon Stewart, P.Eng. Chairman



The Act, Regulations and Bylaws Committee's (ARB) primary purpose is to advise and assist the Executive Director and staff to recommend amendments to the Engineering, Geological and Geophysical Professions Act; Regulations and Bylaws, to ensure they clearly reflect the

intent of the legislation and current Association policies governing the practice of engineering, geology and geophysics as three distinct professions.

The ARB's goal is to ensure proposed revisions to the Act,

Regulations and Bylaws are effectively and thoroughly evaluated in terms of appropriateness, conformance to policy and intent of the legislation, and consistency of wording; and are processed in a timely and effective manner. With regard to other professions, occupations and activities, it is the committee's responsibility to review and to make recommendations to Council when requested, relative to any new and amending legislation to ensure compatibility with the EGGP Act and Regulations.

Revisions to the EGGP Act, Regulations and Code of Ethics to

enable a change in policy, to allow the stamping of work prepared by workers, and to enable changes to the Permit to Practice were developed by the ARB in 1995 and presented to the membership at the 1996 Annual General Meeting.

During 1996, the ARB developed revisions to the EGGP Act to enable implementation of the Mandatory Continuing Competence Program, accommodation of the Executive Director as a standing member of the Executive Committee and delegation of the selection of practice reviews to the Practice Review Board. These recommendations were accepted at the November 1996 meeting of Council and will be presented to the 1997 Annual General Meeting.

The difficult and tedious job of amending the EGGP Act could not be accomplished without the dedication of the committee members, the Association solicitor and APEGGA staff, who I would like to acknowledge and thank.

C O M M I T T E E M E M B E R S

Gordon Stewart, P.Eng., Chair
 Don Bellow, P.Eng., PhD
 Dave Chalcraft, P.Eng.
 Martin Gough, P.Eng.
 Rory Hankel, P. Geol.
 Paula Harding, P.Eng.
 Vince Heron, P.Eng.
 Harish Joshi, P.Geoph.

Al Kiernan, P.Eng.
 Dave Rumbold, P.Eng.
 Barry Massing, LL.B., Legal Counsel
 APEGGA Staff
 Dave Todd, P.Eng., Director,
 Enforcement

AGM/SUMMIT AWARDS COMMITTEE

Don Heuchert, P.Eng., Chair



The image of the professions is enhanced by recognizing and publicizing the achievements and contributions of members. The objective of the AGM/Summit Awards

Committee is to recognize APEGGA Summit Award winners in a manner that promotes the self-esteem of the recipients and displays their achievements and contributions to attendees, other members and the general public.

"Un-Masking Excellence" was cho-

sen for the 1997 Summit Awards celebration theme. The committee has been active, planning the celebration around this theme. Promotion of attendance at the Summit Awards is aimed at motivating APEGGA's mem-

bership to understand and project the value of engineering, geological and geophysical services to society.

The committee assists in the organization of the Annual General Meeting as well as the Summit Awards gala.

C O M M I T T E E M E M B E R S

Don Heuchert, P.Eng., Chair
 Susan AnceI, P.Eng.
 Dietmar Bloedorn, P.Eng.
 Wenona Irving, P.Eng.

APEGGA Staff
 Trevor Maine, P. Eng.,
 Director, Communications
 Kimberly Nishikaze
 Public Affairs Officer

APPEAL BOARD

David Irving, P.Eng., Chair

The major objective of the Appeal Board is to provide Association members full protection of their statutory right to appeal and right to natural justice, in accordance with the Act. The Engineering, Geological and Geophysical Professions Act, as revised in 1996, allows members and complainants to appeal, to the Appeal Board, decisions of the Discipline

Committee, Investigative Committee and Practice Review Board in matters of conduct and practice. A decision by the Board of Examiners to refuse registration can also be appealed.

During 1996, the Appeal Board dealt with two appeals of decisions of the Discipline Committee. The first case was an appeal by a member of the findings and sanctions of the

Discipline Committee. The Appeal Board recommended that the findings and orders of the Discipline Committee be upheld. In the second appeal, the decision of the Discipline Committee to terminate the investigation was appealed by the complainant. The appeal hearing in this case resulted in a recommendation to uphold the decision of the Discipline Committee.

As a result of the revisions to the Act, appeal hearings now are normally open to the public. The Board utilized this procedure during the second appeal heard in 1996.

I would like to express my thanks to the board members for their support and dedication in this important part of the Association's work.



BOARD MEMBERS

David Irving, P.Eng., Chairman	Jim Seale, P.Eng.
Vic Benz, P.Eng.	Kevin Walker, P.Eng.
Al Blackie, P.Geol., APEGGA Councillor	
Bob Comer, P.Geoph.	Paul Sharek, LL.B., Legal Counsel
Walter Litvinchuk, P.Eng.	
Judy Newbert, P.Eng.	APEGGA Staff
Brendan O'Flynn, P.Eng., PhD	Trevor Maine, P.Eng., Director Communications
Dale Rokosh, P.Eng.	

CSEG/ CSPG/APEGGA LIAISON COMMITTEE

Alice Payne, P.Geol., Chair

The Canadian Society of Exploration Geophysicists / Canadian Society of Petroleum Geologists / APEGGA Liaison Committee is a joint committee with three members appointed from each of the three associations. The committee was established to effectively communicate geoscience-related concerns between the Societies and APEGGA.

Many of the past concerns of the committee have been acted upon by the APEGGA Council and are being actively addressed in a variety of ways. The Liaison Committee contin-

ues to actively monitor the implementation of these changes. Of particular interest are:

- ◆ New modifications to the APEGGA Manual of Practice under the Code of Ethics (Rules 4, 6, 9 and 10) now published;
- ◆ Ongoing development of the Canadian Council of Professional Geoscientists;
- ◆ Change in APEGGA's policy for the licensing of corporations; and
- ◆ Progress on implementation of the APEGGA Manual for Continuing Professional Development.

For this last issue, the Liaison Committee arranged for the Society Executives to be briefed on the current state of development of the program. This program will affect the practice of all geologists and geophysicists who are APEGGA members. Since it is intended to launch a mandatory program in 1997, this should be a matter for all registered geoscientists to carefully consider and review. Information on APEGGA admission standards was communicated through the Society newsletters. Presentations on ethics and professionalism were made to The University of Calgary with the assistance of APEGGA staff. The need for appropriate volunteers for APEGGA committees from the geoscience community was communicated by the Liaison Committee to the Societies.



COMMITTEE MEMBERS

Alice Payne, P.Geol., Chair, APEGGA Councillor	Mike Seth, P.Eng.
Neil Rutherford, P.Eng., P.Geoph.	Gary Taylor, P.Geoph.
Darcie Greggs, P.Geol.	Gordon Willmon, P.Eng.
Bill May, P.Geol.	APEGGA Staff
Dan Motyka, P.Eng., APEGGA Councillor	Al Schulz, P.Eng., Director, Registration

DISCIPLINE COMMITTEE

Dan Motyka, P.Eng., Chair



The new discipline process became effective July 1, 1996. As a result, the role of the new Discipline Committee is to hear and adjudicate allegations of unskilled practice or unprofessional conduct against members of APEGGA, and thereby maintain levels of competence and

ethics in the practice of the professions. Specific goals that have been set include:

- ◆ Demonstrating that the Discipline Committee is an effective vehicle in the adjudication of allegations of unskilled, unprofessional or unethical practice;
- ◆ Demonstrating an emphasis on nat-

ural justice and judgement by peers in compliance with the Engineering, Geological and Geophysical Professions Act; and

- ◆ Ensuring an efficient, prompt and cost-effective adjudication process.

The committee received from Council a set of guiding procedures and policies. This material provided an excellent start for the new procedures that will be continually reviewed for relevance.

Since July 1, only one case has been referred from the Investigative Committee. The resulting formal hearing was held on Dec. 14, 1996 in Calgary. Public participation involved one part-time observer. It is anticipated that several hearings will be required to fully implement the new process, but the initial involvement was encouraging.

COMMITTEE MEMBERS

Dan Motyka, P.Eng. Chair, APEGGA Councillor	Larry Staples, P.Eng.
Bruce Alexander, P.Eng.	Jake Thiessen, P.Eng.
Noel Cleland, P.Eng.	Chris Wade, P.Eng.
Gerry DeSorcy, P.Eng.	John Williams, P.Eng.
Allin Folinsee, P.Geoph., PhD	Dwayne Chomyn, LL.B., Counsel
Dwayne Kalynchuk, P.Eng.	
Maureen Murphy, P. Geol.	<i>APEGGA Staff</i>
Valerie Nielsen, P.Geoph.	Ray Chopluk, P.Eng., Director, Professional Affairs
Connie Parenteau, P.Eng., APEGGA Councillor	

DISCIPLINE ACTIVITY STATISTICS RECORD

Year	Complaints Mediated	Investigations Terminated	Formal Hearings
1991	10	5	4
1992	7	6	2
1993	5	4	4
1994	13	8	8
1995	8	3	13

Total complaints received in 1996—33

	Complaints Mediated	Investigations	Investigations Dismissed	Stipulated Orders
1996	11	14	6	2

EDMONTON CAREER COUNSELLING COMMITTEE

Olwen Wirth, P.Geol., Chair

The Edmonton Career Counselling Committee's main objective is to inform students and related educational groups about careers in the professions of engineering, geology and geophysics, and to leave a positive impression of the professions and the career opportunities that exist in the application of scientific knowledge and technology.

As a result of APEGGA's initiative to streamline volunteer activities, both the Edmonton and Calgary Career Counselling Committees were disbanded at the end of December. The activities of the committees will continue under a new committee named the Communications Planning

Committee, chaired by Chrys Dmytruk, P.Eng. Two of the members of the Edmonton Career Counselling Committee are participating in this new committee.

Our main activity is visiting Edmonton-area schools (K-G12). Our volunteers present science demonstrations to classrooms and participate in science fairs, aiming to increase student interest in science and math. We also inform students about the nature of professional work, the variety of career opportunities, and the university entrance requirements, by talking to classes and participating in career fairs.

In addition to our school visits, committee activities have included partici-

pating in Science and Technology Week, the Edmonton Science Olympics, selecting the Edmonton winners for the APEGGA-sponsored Teacher Awards program, and holding two volunteer training workshops. We are also continuing to expand and update our existing presentation aids, which consist of videos, books, hands-on science apparatus, and rock and mineral kits.

We anticipate the 1996-97 school year to be a record-breaking year for classroom visits. From September 1996 to the end of 1996, we came into contact with more than 900 teachers and in excess of 3,000 students. Volunteers are crucial to our program; we could not have such an ambitious and successful program without volunteer support. There are approximately 100 resource members, including University of Alberta student volunteers.

If you are interested in our program, please do not hesitate to contact Jeanne Keaschuk at APEGGA.



COMMITTEE MEMBERS

Olwen Wirth, P.Geol., Chair	Heather Dupilka, Student Member
Kirstin Castro-Wunsch, P.Eng.	
Marcella deJong, P.Eng.	APEGGA Staff
Dave Dietz, P.Eng.	Trevor Maine, P.Eng., Director, Communications
Nick Malychuk, P.Eng.	
Reg Quinton, P.Eng.	Jeanne Keaschuk, Administrator, Career Development

EDMONTON DISTRICT COMMITTEE

Jivan Kayande, P.Eng., Chair

The Edmonton District Committee (EDC) plans and facilitates monthly luncheon meetings with speakers and topics related to the profession and general interest of APEGGA members.

Topics in the past years included subjects such as: APEGGA's Continuing Competence Program; TransAlta/City of Edmonton Composting Project; ISO 14000 Environmental Management System and Auditing; and Designing Safer

Cities (which had to be cancelled due to lack of response) and the Prince Edward Island Confederation Bridge. Other scheduled topics were: Role of Engineers As Expert Witnesses; World Wide Web — How Useful Is It?; and the Swan Hills Waste Treatment Facilities.

The topics and speakers are chosen by the committee using a process that allows for a wide choice and input from the members attending the meet-

ings. The EDC members meet regularly to discuss results of evaluations and ideas to improve the content. Please provide your comments to us so that we may consider them. The EDC now has merged with the Edmonton Member Liaison Committee.

I would like to recognize the hard work and active participation of all members of the committee and the excellent support of the APEGGA staff, Ray Chopiuk, P.Eng., and Trish Williams. The contribution of publicity agents and the speakers, without which our program cannot run, is also invaluable.

The EDC is your committee to serve your needs. If you feel we can do something better, please drop me or the staff a line.



COMMITTEE MEMBERS

Jivan Kayande, P.Eng., Chair	Sam Proskin, P.Eng.
Emad El-Zein, P. Eng.	Kaz Walewski, P.Eng.
Graham Walker, P.Eng., PhD	
Case Allison, P.Eng.	APEGGA Staff
Terra Garneau, P.Eng.	Ray Chopiuk, P.Eng., Director, Professional Affairs
Ted Lord, P.Eng.	

EDUCATION COMMITTEE

Paul Shewchuk, P.Eng., Chair

The role of the Education Committee is to advise and assist in developing and implementing education strategies consistent with APEGGA's mission and strategic plan. This is accomplished by providing advisory support on emerging strategic reports and issues that

may have an impact on education-related topics.

Members of this committee also represent APEGGA at the university, engineering and science faculties in Calgary and Edmonton.

The committee continues to respond to requests for input on curriculum and restructuring of educa-

tion and technical schools offering K-12 to degree programs. A significant highlight is the committee's representation on the recently established APEGGA Education Foundation's Board of Directors. This foundation will provide funding for many of the education-related initiatives now supported by APEGGA.

I wish to express my appreciation to the members of this committee for their dedicated efforts, time and cooperation.

C O M M I T T E E M E M B E R S

Paul Shewchuk, P.Eng., Chair
 Ian Cole, P.Eng.
 Bob Day, P.Eng., PhD
 Bill May, P.Geol.
 Colin Pate, P.Geol.
 Raj Rajan, P.Eng., PhD

Peter Robertson, P.Eng., PhD
 Paul Vickers, P.Eng.

APEGGA Staff

Al Schuld, P.Eng., Director, Registration

ENFORCEMENT REVIEW COMMITTEE

Hugh Powell, P.Eng., Chair

The Enforcement Review Committee (ERC) was established to obtain compliance with the reserved title and reserved practice provisions of the Engineering, Geological and Geophysical Professions Act through an active enforcement and information program.

The ongoing goals of the committee are that a) the engineering, geological and geophysical titles should be reliable signals to the public that the title user is a member of APEGGA; and

b) engineering, geological and geophysical services must be provided by professional members, licensees or permit holders of APEGGA, or must be under the responsible supervision and control of professional members, licensees or permit holders of APEGGA.

There is a growing concern over the proliferation of titles such as "Software Engineer", and "Certified Network Engineer" and their use by non-members of the Association. The ERC has an aggressive ongoing plan to correct these infractions. During

1996, eight cases of these violations in the computer industry prompted changes to titles to delete the word "engineering", as the result of contact by the ERC.

There were 124 new enforcement cases opened in 1996 and 108 resolved. These activities resulted in 32 companies obtaining Permits to Practice; 22 cancelling or relocating their advertisement; one prosecution under the Department of Justice; and one injunction. The remainder were resolved for other reasons, such as changing a name voluntarily, providing satisfactory evidence of not practicing, or by individuals becoming registered.

Enforcement with non-members is a necessary process. It could not be accomplished without the dedication of the committee members, the Association and APEGGA staff, who I would like to acknowledge and thank.

C O M M I T T E E M E M B E R S

Hugh Powell, P.Eng., Chair
 Gord Barrington, P.Eng.
 Milford Berger, P.Geoph.
 Lisa Doig, P.Eng., APEGGA Councillor
 Darcie Greggs, P.Geol.
 Bill Hibbard, P.Eng.
 Wenona Irving, P.Eng.
 Harvey Olsen, P.Eng.

Alice Payne, P.Geol., APEGGA Councillor
 Heather Scott, P.Eng.

Barry Massing, LL.B., Legal Counsel

APEGGA Staff

Dave Todd, P.Eng., Director, Enforcement

ENVIRONMENT COMMITTEE

Ronald Girvitz, LL.B., P.Eng., Chair

The Environment Committee exists in order to provide APEGGA and its members assistance in monitoring and responding to emerging environmental trends and issues. The priorities of the committee focus upon education, relations with other engineering associations and technical societies, dissemination of environmental practice standards and monitoring accreditation initiatives.

Several major accomplishments were realized this past year. In the area of education, several seminars and course instruction were presented

to APEGGA members and students at The University of Calgary and the University of Alberta. Committee members anticipate continued involvement in the curricula of Alberta academic institutions.

Further, the committee organized a successful industry forum to educate on and to promote compliance with APEGGA Environmental Practice Guidelines. The forum was attended by representatives of major industry associations whose members include large numbers of APEGGA members.

Significant progress was realized in

promoting effective relations with other engineering associations and technical societies. The committee hosted the first-ever environmental conference for delegates from Canadian engineering associations and the Canadian Council of Professional Engineers. Participants discussed issues of common interest across Canada. A second such conference is envisaged for the coming year.

The committee also has agreed to co-host and co-organize a joint environmental conference, set for the fall of 1997, with the Alberta Society of Professional Biologists and the Air and Waste Management Association.

Time and space limit the embellishment of all the many activities undertaken by the committee. Much appreciation is offered to the committee members and APEGGA staff for their contributions of time and energy.



COMMITTEE MEMBERS

Ron Girvitz, LL.B., P.Eng., Chair	Jay Rackham, P.Ag., E.I.T.
Bill Berzins, P.Eng.	David Reid, P.Biol.
Andy Day, P.Eng., PhD	Al Schulz, P.Eng.
Jim Dilay, P.Eng.	Albert van Roodselaar, P.Eng., PhD
Les Frank, P.Eng.	
Bill Harlan, P.Geol.	<i>APEGGA Staff</i>
Steve Hrudehy, P.Eng., PhD	Trevor Maine, P.Eng., Director, Communications
Nina Novak, P.Biol., P.Eng.	

HONOURS AND AWARDS COMMITTEE

Don Bartsch, P.Eng., Chair

The Honours and Awards Committee's purpose is to "enhance professional pride and the stature of the professions by recognizing the accomplishments of non-members, members and corporate members" and to recognize and encourage achievements of students. This recognition is carried out by the "Excellence in Education" awards for teachers and students, and the annual Summit Awards.

The committee has continued with two initiatives that were begun last year. The first initiative, the naming of scholarships and awards policy, was approved by Council in 1995 and now the ad hoc committee is searching for deserving candidates after whom to name the awards. The second initiative, the APEGGA Education Foundation, has a new set of bylaws, has been approved by Council, and

has been registered and incorporated under the Alberta Societies Act. An application will be sent to Revenue Canada in the near future, pending election of the foundation directors. This will complete the process that will allow APEGGA to accept donations for educational initiatives while providing tax receipts to the donors.

The committee has also been busy with other tasks, such as streamlining the awards evaluation processes, fine-tuning the nomination and evaluation processes for the Summit Awards, and implementing changes to the operation of the committee to work within the new governance model.



COMMITTEE MEMBERS

Don Bartsch, P.Eng., Chair	Harry Moore, P.Eng.
Tom Collins, P.Geoph.	Judy Newbert, P.Eng.
Steve Fedyna, P.Eng.	Ashok Sehgal, P.Eng.
Brent Graham, P.Eng.	
Manny Kassam, P.Eng.	<i>APEGGA Staff</i>
Mickey Mitchell, P.Eng.	Len Shrimpton, P.Eng., Assistant Director, Registration

INVESTIGATIVE COMMITTEE

Dale Miller, P.Eng., Chair



The Investigative Committee can be regarded as the new kid on the block. Born July 1, 1996, to the discipline process, which has been split into two components, the Investigative Committee and the Discipline Committee. The primary objective of the Investigative Committee is to investigate the complaints received

against members of APEGGA and when the investigations determine that unskilled practice or unprofessional conduct are a possibility, the Investigative Committee then prosecutes the matter before the Discipline Committee of the Association.

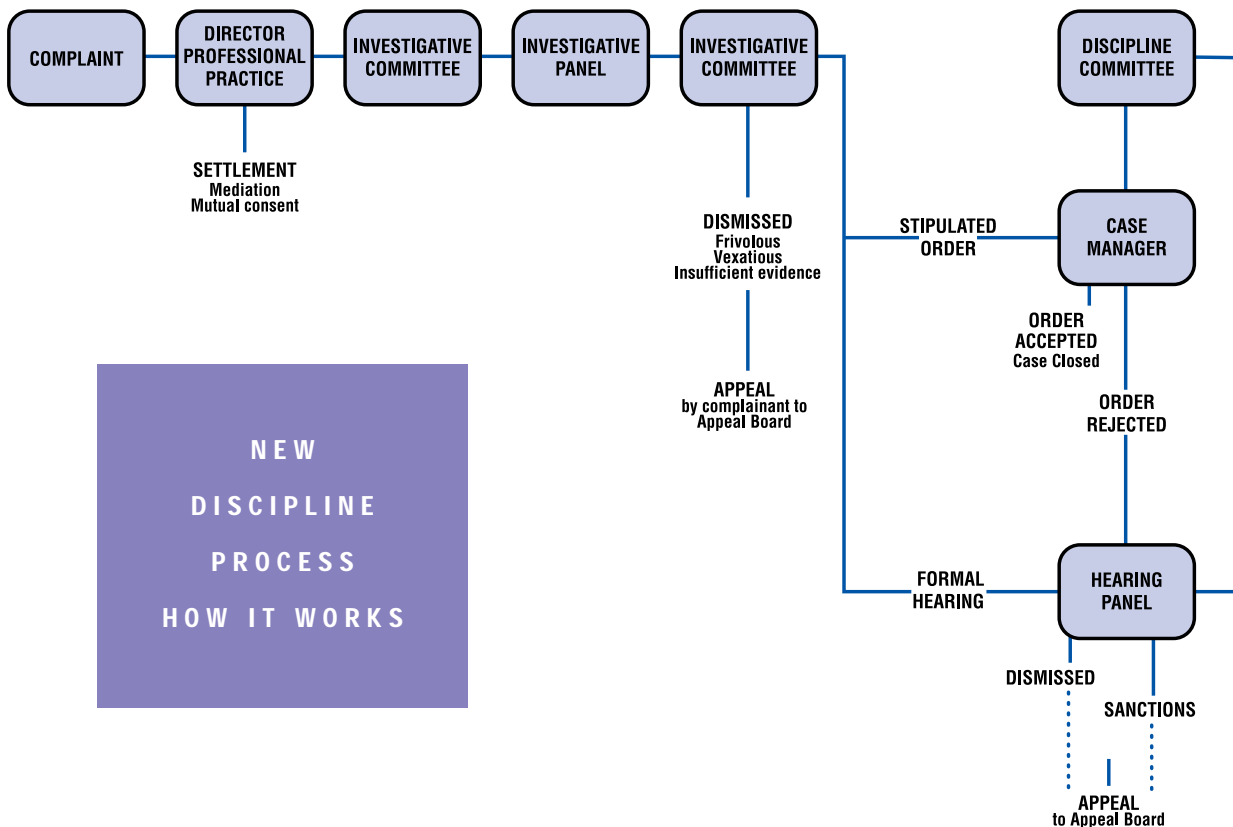
The committee meets on a regular basis, usually monthly, to review the various cases under investigation. An

investigative panel consisting of three members of the committee is assigned to each case and, between meetings, has the responsibility to investigate the complaint. This includes meetings with the members under investigation and the complainant. The past year provided the committee with a normal number of new cases, but the requirement that the committee must prosecute the case before the Discipline Committee required additional work in obtaining factual evidence with which to prosecute.

Being our inaugurated year, the committee also spent countless hours developing and refining proper investigative and reporting techniques to be followed. The year has been a very busy one and the committee expects to remain busy.

I personally wish to thank the committee members for the many hours of their time they have donated to this committee for the betterment of our professions.

COMMITTEE MEMBERS	
Dale Miller, P.Eng., Chair, APEGGA Councillor	Garry Maxwell, P.Eng.
Anast Demitt, P.Eng.	Dan McGuigan, P.Eng.
Paul Elliott, P.Eng.	Paul Preville, P.Eng.
Andy Gilliland, P.Eng.	Bill Roggensack, P.Eng., PhD
Alf Hartling, P. Geol.	Mike Smyth, P.Eng.
Barbara Howes, P.Eng.	Brian Somerville, P.Eng.
Sheina Hughes, P.Eng.	Mike Strong, P.Eng., APEGGA Councillor
Jim Hutton, P.Eng.	Barry Massing, LL.B., Counsel
Doug Jamieson, P.Eng.	
Gary Johnston, P. Geoph.	<i>APEGGA Staff</i>
Rajesh Kalandasani, P.Eng.	Stewart McIntosh, P.Eng. Director, Professional Practice
Mark Lasby, P.Eng., APEGGA Councillor	



JOINT BOARD OF PRACTICE

Mike Rosseker, P. Eng., Co-Chair

As the Joint Board of Practice between Architects and Engineers entered its fourth year since reactivation, it focused on a single task — the approval and publication of the unified fee guideline for engineering and architectural services provided to the building industry.

In February 1996, the Councils of APEGGA and the Alberta Association

of Architects (AAA) approved the draft document, with the conditions that it see a “limited” circulation for comment. Other conditions called for a review by legal counsel and return to Council for final approval.

Feedback from a number of “key” users of the document showed an acceptance by most. Several persons

and groups proposed changes to the document. All suggestions were reviewed by the Joint Board. A number of the suggested changes are incorporated in the final draft of the document.

Final editing and graphic design will enable completion of the document for printing and distribution in the spring of 1997.

The publication of this document will mark the culmination of a cooperative effort between the professions of engineering and architecture. The first of many such ventures!



A P E G G A M E M B E R S

Mike Rosseker, P. Eng., Co-Chair
Ken Maskell, P.Eng.
Nick Trovato, P.Eng.
Chris Wade, P.Eng.
Stewart McIntosh, P.Eng., Director,
Professional Practice

A A A M E M B E R S

John Rockliff, MAAA, Co-Chair
James Dykes, MAAA
Dave Ryder, MAAA
Gordon Thorkelsson, MAAA,
Penny Cairns, Executive
Director & Registrar

PAST PRESIDENTS' ADVISORY BOARD

Donald G. Bellow, P.Eng., PhD

At the request of Council, the Past Presidents at their Annual Meeting in April 1996, discussed the formation of a Past Presidents' Advisory Board. The board's purpose would be to provide input to Council on those issues where the experience and expertise of the Past Presidents would be of some value. At its April meeting, it was agreed D.G. Bellow, P.Eng., PhD, with the assistance of the then Executive Director Robert Ross, P.Eng., would form a small group of Past Presidents to represent the group and be able to respond to requests that were issued by Council. Subsequently, the Past Presidents' Advisory Board was formed with the following members:

Tom Chambers, P.Eng.
Noel Cleland, P.Eng.
Jim Denis, P.Eng.
Bob Savage, P.Eng.
John R. Wood, P.Eng.

It was agreed that Dr. Bellow would chair the first meeting and staff assistance would be provided by Mr. Ross and Mr. Al Schuld, P.Eng. A meeting

on June 26, 1996 was held in the Edmonton offices of APEGGA where the general terms of reference were reviewed and preliminary discussions were held on the request of Council to review the nomination procedures for election to Council and its Executive. It was noted that the Past Presidents' Advisory Board is a special committee of Council, but that the advisory board has an obligation to keep all Past Presidents informed.

A second meeting of the advisory board was held on Oct. 23, 1996, at which time there was further discussion on the procedures followed by the Nominating Committee. As a result, a report to Council was presented on Nov. 27, 1996, in Calgary, which recommended that there be overlapping terms of membership on the Nominating Committee. It was also recommended that the current serving President of APEGGA sit as an observer on the committee prior to chairing the committee in the following year. It was further recommended

that at least two meetings of the Nominating Committee be held, with the first meeting to focus on the role, responsibilities, and procedures that are to be followed by the Nominating Committee. Council accepted these recommendations and implemented them for the current year as they required no changes in the Bylaws. It was recommended that a standard format for biographical material be developed which would provide more uniform content of information supplied to the membership at the time they are voting. The advisory board had discussed other changes which would require amendments to the Bylaw, but have deferred these for further discussion until the next Annual Meeting of the Past Presidents Group.

At the October meeting, Dr. Bellow was elected Chairman of the Past President Advisory Board for a one-year term.



PRACTICE REVIEW BOARD

George Eynon, P.Geol., Chair

The Practice Review Board (PRB) was set up by government (not by APEGGA) in 1981 to review and maintain APEGGA practices, processes and procedures in areas of registration, discipline, maintenance of competence, review of member practices and enforcement, with regard to their adequacy to

protect the public interest.

Currently, the PRB has several specific issues on its plate. Through its Continuing Competence Subcommittee, the PRB is finalizing a relatively simple procedure for maintenance of the continuing competence of members. The PRB also is conducting an investigation of the pressed-plate wood truss industry, and beginning a review of

procedures with respect to foundations of pre-fabricated steel buildings.

In 1996-97, the PRB conducted several practice reviews of individual members, and finalized a set of procedures for practice reviews under the normal course of referrals. Council recently approved procedures developed by the PRB for proactive practice reviews. These commence in 1997, with reviews of high-risk areas of practice. Such proactive practice reviews will gradually increase in number over a few years.

This continuous improvement of our professions' conduct is an absolutely necessary process. It could not be accomplished without the selfless dedication of the volunteer board members and full-time staff, who I would like to acknowledge and thank.

C O M M I T T E E M E M B E R S

George Eynon, P.Geol., Chair	John Peirce, P.Geoph., PhD
John Boyd, P.Geoph., APEGGA Councillor	Archie Pick, P.Eng.
Barry Broderick, P.Eng.	Nick Trovato, P.Eng.
Frank Brooks, P.Eng.	Dick Walters, P.Eng.
Brenda Corbett, P.Eng.	Heather Andrews, PhD, Public Member
Allan Doell, P.Eng.	<i>APEGGA Staff</i>
George Goldschmied, P.Eng.	Dave Todd, P.Eng., Director, Enforcement
Stephen Moran, P.Geol., PhD	

PRACTICE STANDARDS COMMITTEE

Diana Purdy, P.Geol., Chair

The primary objective of the Practice Standards Committee (PSC) is "to enhance the quality and value of professional services to the public in all areas of professional practice". The PSC works with APEGGA committees and other agencies on issues such as public safety, technical standards and information dissemination.

The PSC regularly reviews and updates existing guidelines and initi-

ates new guidelines related to professional practice. As well, members of the PSC participate in speaking engagements, seminars, issues forums and the preparation of articles for The PEGG to keep APEGGA members, agencies, governments, and the public, aware of committee activities.

A new guideline was developed to outline Human Rights Issues in Professional Practice; this will be followed up with an implementation plan. Work continues on a review and

consolidation of the Building Guidelines. The committee provided comments to Alberta Labour on the proposed National Energy Code and on the draft Alberta Building Code. Work also continues on the Selecting a Consultant Guideline. A revised Advertising Guideline was also developed and approved in 1996.

A new subcommittee was established to examine the issues facing members who offer their services as contract employees or an independent contractor. The changing workplace environment and relationship between members and employers have raised a number of new ethical and professional issues.

A second subcommittee was formed to revise the Code of Ethics to accommodate recent regulation changes, and to strengthen interpretation of the Code.

A third initiative is underway to review and revise the Concepts of Professionalism Guideline

C O M M I T T E E M E M B E R S

.Diana Purdy, P.Geol., Chair	Fred Tully, P.Eng.
Wayne Delbeke, P.Eng.	Charlie Weir, P.Eng.
Gerry Carson, P.Eng.	Ron Tenove, P.Eng., Consulting Engineers of Alberta Representative
Curtis Feeg, P. Eng.	<i>APEGGA Staff</i>
Tony Grice, P.Eng.	Ray Chopiuk, P.Eng., Director, Professional Affairs
Hugh Marple, P.Eng.	Stewart McIntosh, P.Eng., Director, Professional Practice
Frank Meyer, P.Eng.	
Jim Russell, P.Eng.	
Doug Thomson, P.Geoph.	



The Practice Review Board's Continuing Competence Subcommittee had a busy year, as it met to develop the program, and as it shared information on the Continuing Professional Development Program with members.

PROFESSIONAL DEVELOPMENT COMMITTEE

Dave Geake, P.Eng., Chair

The Professional Development Committee (PDC) is involved in actively promoting and monitoring professional development as a means of ensuring continuing competence, excellence, and professional quality of service to the public by APEGGA members. This role is achieved through the presentation of professional development seminars, acting as a catalyst to promote continuing education and professional development opportunities with technical societies and educational institutions, publishing an annual Value of Professional Services Salary Survey, providing a résumé referral service from employers seeking professional members, and monitoring and report-

ing on professional development activities of members.

The PDC review of the Member-in-Training Professional Development Program identified several areas for improvement. There may be a demand from some M.I.T.s for seminars to assist them in understanding materials covered in the Professional Practice Examination. Gaps in the awareness of what APEGGA is and what it means to be a professional were identified in the Alberta geoscience programs and in applicants from outside the province. Improvements in the Experience Guideline to include continuing professional development concepts and better information on available courses

and seminars were identified. Further development of the mentoring program was also identified as desirable. The PDC will continue to work to address these issues over the next year.

A Professional Development Day has been introduced in conjunction with the 1997 Annual General Meeting to promote professional development. It will offer a number of technical, legal, communication and personal development sessions.

PDC members have been actively involved with the Practice Review Board's Continuing Competence Subcommittee in development of the Continuing Professional Development Manual and program implementation. A workshop is being developed to assist members in creating their Continuing Professional Development Plan.

I want to thank the committee members and APEGGA staff for their support and creative efforts during this transition year for the PDC.



COMMITTEE MEMBERS

Dave Geake, P.Eng., Chair
Margaret Klebek, P.Geol.
Terry Knysh, P.Eng.
Phil Ross, P.Eng., P.Geol.
John Van der Put, P.Eng.
Noorudin Lalani, E.I.T.

Jeff Taylor, P.Eng.
Ted Wong, P.Geoph.

APEGGA Staff
Len Shrimpton, P.Eng., Assistant
Director, Registration

Jacqueline Kruger, P.Eng., Chair



The major objective of the Public and Member Relations Committee (PMRC) is to ensure that APEGGA communications programs promote achievement of the Association's mission and are consistent with the Strategic Plan. Specific goals relate to motivation to understand and project the value of member services, to enhance the image of the professions, to provide leadership and positioning on key issues arising from the public agenda, to support continued self-governance and to support career counselling. In 1996-97, the PMRC supported VICOM's "Alberta

Advantage" business series. A short video was prepared and aired on ACCESS Television to promote the professions. The provincial government has also used this video in its promotion of Alberta business.

The PMRC supported several new initiatives in 1996-97. Volunteer orientation seminars in October were well attended. These seminars form the beginning of a volunteer recognition program. An Internet home page was developed and is located at www.apegga.com with information about APEGGA. A new information package, including new regulatory brochures, is now available through

the APEGGA office.

The Professional Member Induction Ceremonies continued in 1996-97 to provide formal recognition of our new professional members. The PMRC also continued to support the annual advertising campaign, National Science and Technology Week and National Engineering Week.

The past year has been one of change for the PMRC. Beginning in January 1997, the PMRC was amalgamated with the Publications and Editorial Advisory Committee, and the Edmonton and Calgary Career Counselling Committees to form a new Communications Planning Committee. The Communications Planning Committee will take a more strategic planning focus and continue to oversee initiatives undertaken by the various committees, including the PMRC.

I would like to take this opportunity to thank the PMRC committee members and APEGGA staff for their time and hard work.

C O M M I T T E E M E M B E R S

Jacqueline Kruger, P.Eng., Chair	Angie Meyers, P.Eng.
Douglas Elm, P.Eng.	Don Peel, P.Geol.
Paul Gordon, P.Eng.	
Bob Kerr, P.Eng.	APEGGA Staff:
Patrick Keys, P.Eng.	Trevor Maine, P.Eng., Director
Detlef Lehmann, P.Eng.	Communications
Doug McNeill, P.Eng.	Kimberly Nishikaze, Public Affairs
	Officer



APEGGA Open House—
Alberta Public Works, Supply and Services Minister Stan Woloshyn (second from left) was among the visitors as APEGGA opened the doors of its Edmonton and Calgary offices for pre-Christmas receptions. Seen with Mr. Woloshyn are: APEGGA President Fred Otto, P.Eng., PhD (left); 2nd Vice-President Don Ferrier, P.Eng.; Executive Director Neil Windsor, P.Eng., and 1st Vice-President Dennis Lindberg, P.Eng.

PUBLICATIONS AND EDITORIAL ADVISORY COMMITTEE

Chrys L. Dmytruk, P.Eng., Chair

The Publications and Editorial Advisory Committee's (PEAC) goals and activities centre around maintenance of excellence in content, composition and format of the Association's publications, primarily The PEGG and the Annual Report. Other goals pertain to maintenance and promotion of the images of APEGGA and the professions, and balancing effectiveness of the publications and their quality.

The committee met most months using the video conference facilities in

Edmonton and Calgary. One of the purposes of meeting was to review the published PEGG and review publication costs and proposed content of future issues. A subcommittee was struck to review the Association's Web Site Home Page. Postal rate increases promoted a review of the cost and distribution of the Annual Report. It was decided to publish two Annual Report supplements as part of two PEGG issues and to limit the production of the high quality Annual Report. Such

a report will continue to be published in limited quantities and made available to government, volunteers and selected other audience and members on request. At Council's request to review committee operations, a joint meeting was held between the Publications and Editorial Advisory Committee, the Public and Member Relations Committee, and the Edmonton and Calgary Career Counselling Committees to review potential for consideration and cost reduction. These committees have now been replaced by the Communication Planning Committee. PEAC held its last meeting on January 7, 1997.

Many thanks to committee members and staff for their contributions and time spent during the last year of this committee's operations.



COMMITTEE MEMBERS

Chrys L. Dmytruk, P.Eng., Chair	Tracy Zimmerman, P.Geoph.
Diane Bulmer, Examinee	
Beth Hill, P.Geoph.	<i>APEGGA Staff</i>
John Kramers, P.Geol., PhD	Trevor Maine, P.Eng., Director, Communications
Jim Lam, E.I.T.	
Bob Swift, P.Eng.	Nordahl Flakstad, Publications Editor

UNIVERSITY OF ALBERTA STUDENT LIAISON COMMITTEE

Dave Robinson, P.Eng., Chair

The goals of the University of Alberta Student Liaison Committee are to stimulate student interest and understanding in APEGGA, inform students about APEGGA's role and provide opportunities for students to interact with professional members.

Regular meetings were held to discuss how professional members may

assist students in becoming more familiar with APEGGA and to help organize activities which will provide interaction between students and members. Methods explored by the committee include: professional and student mixers (associated with career days, technical society introductions and alumni homecoming); provision

of professional members as speakers for monthly forums; increased student attendance at district meetings; student résumé workshops; student volunteers for APEGGA's career counselling program and APEGGA staff presentations for geology and geophysics students.

Because of a late start and low activity last year, this has been a planning and organizing year. Several events for the fall term are being planned early due to the lead time required by the summer break. A transition meeting from this year's committee to next year's will take place in the fall to ensure continuity.

I would like to thank the committee members, particularly the student representatives, for the enthusiasm shown and the time taken from their very busy schedules to contribute to this committee's work.



COMMITTEE MEMBERS

Dave Robinson, P.Eng., Chair	<i>Geophysics Student Society</i>
Paula Harding, P.Eng.	Calvin Wall, President
Larry Kelly, P.Eng.	Adam Baig, VP
Rob Nespliak, P.Eng.	<i>P.S. Warren Geological Society</i>
<i>U of A Faculty Members</i>	Rob L'Heureux, President
Ken Porteous, P.Eng., PhD, Faculty of Engineering	Shahin Dashtgard, VP External
	<i>APEGGA Staff</i>
Nat Rutter, P.Geol., PhD, Dept. of Earth and Atmospheric Sciences	Trevor Maine, P.Eng., Director, Communications
<i>Engineering Students Society</i>	Jeanne Keaschuk, Administrator, Career Development
Yvonne Jahns, President	
Jeff Lo, VP External	

Other Committees & Organizations

Listed below are other committees and task forces that were active during the 1996-97 year, as well as the organizations on which APEGGA is represented.

APEGGA/ASET JOINT REGISTRATION BOARD

The Joint Registration Board reviews the files of the individuals applying for registration as a Registered Engineering Technologist (R.E.T).

B O A R D M E M B E R S	
Tim Purnell, R.E.T. Chair	<i>APEGGA Members:</i>
<i>ASET Members:</i>	Don Dennis, P.Eng.
Les Crowley, R.E.T.	David Dunn, P.Eng.
Leslie Fillion, R.E.T.	Leigh Ellestad, P.Eng.
Edward Hill, R.E.T.	Duane Leschert, P.Eng.
Dave Paquet, R.E.T.	Tanya Schulz, P.Eng.
<i>Secretary:</i>	<i>APEGGA Executive Director's designate responsible for board:</i>
Don Byers, C.E.T., Registrar ASET (Secretary)	Len Shrimpton, P.Eng., Assistant Director, Registration

APEGGA/ASET JOINT APPEAL BOARD

The Joint Appeal Board considers decisions made by the APEGGA/ASET Joint Registration Board

B O A R D M E M B E R S	
Barrie Touchings LL.B., <i>Chair</i>	George Paicu, P.Eng.
	Milt Ozubko, P.Eng.
Royce Sather, R.E.T.	<i>APEGGA Executive Director's designate responsible for board:</i>
Glen Monson, R.E.T.	Len Shrimpton, P.Eng., Assistant Director Registration
Brian McCormack, R.E.T. ASET Executive Director (Secretary)	

1996 BALLOT COUNTING COMMITTEE

Scrutinized and counted ballots for election to Council prior to the 1996 Annual General Meeting.

C O M M I T T E E M E M B E R S	
<i>Committee Members</i>	Gordon Fuerst, P.Eng.
Steve Hrynew, P.Eng., <i>Chair</i>	Wylie Hamilton, P.Eng.
Kaz Walewski, P.Eng.	Delmer Kryvenchuk, P.Eng.
Andi Pallas, P.Eng.	Majeed Mustafa, P.Eng.

1996/97 NOMINATING COMMITTEE

C O M M I T T E E M E M B E R S	
John R. Wood, P.Eng., <i>Chair</i>	Diana Purdy, P.Geol.
Dave Devenny, P.Geol., P.Eng., PhD, <i>Past Chair</i>	David Reid, P.Eng.
	Mike Rosseker, P.Eng.
Bob Comer, P.Geoph.	Jim Seale, P.Eng.
Steve Fedyna, P.Eng.	Mike Smyth, P.Eng.
Bruce McMullin, P.Geol.	Gordon Stewart, P.Eng.
Om Malik, P.Eng., PhD	Linda Van Gastel, P.Eng.

APEGGA is represented on the following outside organizations and groups.

- Engineering Faculty Council -
University of Alberta:Raj Rajan, P.Eng., PhD
- Science Faculty Council -
University of Alberta:Colin Pate, P.Geol.
- Engineering Faculty Council -
University of Calgary:Paul Vickers, P.Eng.
- Science Faculty Council -
University of Calgary:Bill May, P.Geol.
- Alberta Construction Association: ...Dick Walters, P.Eng.
- Calgary Construction Association: ...Mike Strong, P.Eng.
- Calgary Gas Approval Board:James Rea, P.Eng.
- Tire Recycling
Management Association:Kenneth Teare, P.Eng.

SAFETY CODES ACT - TECHNICAL COUNCILS

- Amusement Rides:Bruce Ball, P.Eng.
- Boilers:John Melnick, P.Eng.
- Building:Dick Walters, P.Eng.
- Electrical:Jeff Bannard, P.Eng.
- Elevators:Daniel Shannon, P.Eng.
- Fire:Charles Woo, P.Eng.
- Gas:Ross Cawley, P.Eng.
- Plumbing:Kevin Moodie, P.Eng.
- Ski Lift/Passenger Ropeway:John Ogilvy, P.Eng.

APEGGA/CCPE Sponsored Group Insurance and RRSP Plans

Members, members-in-training and students registered with APEGGA may obtain coverage under the Canadian Council of Professional Engineers (CCPE) sponsored programs.

Applicants must be members in good standing with APEGGA to be eligible; cancellation of their membership status automatically cancels participation in sponsored insurance coverage on the next renewal date.

Types of insurance available include: group RRSP, term life, accident, disability income protection, extended health care and professional liability insurance, as well as automobile, home, personal property and public liability insurance.

Sponsored programs generally provide more competitive and beneficial products and services than are otherwise available. Members are encouraged to compare these programs with others that may better suit individual needs.

Contractual arrangements are strictly between the insured member and the insurance company.

Information on coverage and premiums for specific group plans may be obtained through the contacts listed below.

1. REGISTERED RETIREMENT SAVINGS PLAN

"Blueprint for Retirement Security"

Manulife Financial

(The Manufacturers Life Insurance Company)
Affinity Markets Toll Free: 1-800-268-6689

2. GROUP TERM LIFE & ACCIDENT INSURANCE

Manulife Financial

(The Manufacturers Life Insurance Company)

Manulife Financial

Affinity Markets
Toll Free: 1-800-668-0195

3. SICKNESS AND ACCIDENT GROUP INSURANCE PROGRAM

Aetna Life Insurance Company of Canada - Sponsored Markets

3.1 *Disability Income Replacement Plan*

3.2 *Extended Health Care Insurance*

3.3 *Office Overhead Expense Plan*

3.4 *Accidental Death and Dismemberment
Insurance Plan*

Aetna Life Insurance Company of Canada Sponsored Markets, EBS

P.O. Box 120, Aetna Tower, T-D Centre
79 Wellington Street West, 11th Floor
Toronto, ON
M5K 1N9
Toll Free: 1-800-828-8806

Authorized Representatives:

Garrett Agencies Ltd.

1107, 1122 - 4th Street SW
Calgary, AB
T2R 0X6
Toll Free: 1-800-661-3300
Tel: 263-6077 (Calgary)

4. PROFESSIONAL LIABILITY INSURANCE

4.1 *Professional Members in Private Practice*

ENCON Insurance Managers Inc.

4.2 *For Individual Members*

ENCON Insurance Managers Inc.

ENCON Insurance Managers Inc.

(administers the professional liability
insurance programs)
Suite 700, 350 Albert Street
Ottawa, ON
K1R 1A4
Tel: (613) 786-2000
Toll Free HELPLINE 1-800-267-6684 (or your local
insurance agent)

5. MELOCHE MONNEX HOME AND AUTO INSURANCE PROGRAM

Monnex Insurance Brokers Limited

Home, Auto, Travel Medical and Small Business Insurance

Edmonton:

500, 10020 - 101 A Avenue
Edmonton, AB
T5J 3G2
Tel: 429-1112
Toll Free: 1-800-268-8955

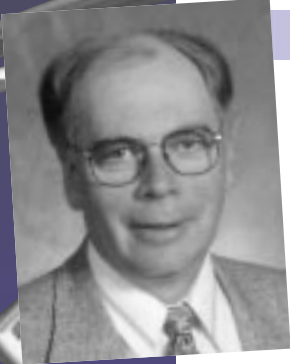
Calgary:

1200, One Palliser Square
125 - 9th Avenue SE
Calgary, AB
T2G 0P6
Tel: 269-1112
Toll Free: 1-800-268-8955

Branch Reports

CALGARY BRANCH

Alf Hartling, P.Geol., Chair



The Calgary Branch had another successful year in 1996.

The Meetings Subcommittee, chaired by Bob Fuening, P.Geol., P.Geoph., sponsored nine luncheons, with speakers exploring topics as diverse and interesting as Coil Tubing Horizontal Drilling,

Environmental Concerns in Alberta's Eastern Slopes, the Genesis of the Alliance Pipeline, Achieving Pacesetter Corporate Performance in the Late '90s, and Stress Corrosion Cracking on Canadian Pipelines. Attendance was up in 1996, clearly indicating enthusiasm for the luncheon program.

The Issues Subcommittee, chaired by Leon Mah, P.Eng., organized several evening forums providing opportunity for members to become better acquainted with issues and concerns facing professionals today and the Association in general. These events covered subjects such as the continuing competency question. These two subcommittees (meetings and issues) amalgamated late in the year to more efficiently and effectively administer their programs.

The University Student Liaison Subcommittee, chaired by Steve Giacomini, P.Eng., continued to be active. One of its more notable events was a mock interview session, where-

by the students receive valuable input from APEGGA members regarding the communications skills and style displayed during a mock interview session.

The Career Counselling Subcommittee, chaired by Ron Zieber, P.Eng., continued its many varied activities, including provision of resource people/speakers to Calgary area schools, helping at elementary-school science fairs, promotion of the professions and science in general at special public events held during Science & Technology Week, and numerous other activities.

An objective of the 1996 Branch Executive was to aid Calgary's Expo 2005 bid. To this end, on the branch's initiative, a letter of support was sent from APEGGA to the selection committee.

I would like to take this opportunity to personally thank all of the Calgary Branch volunteers who unselfishly provided their time and energy to make the many programs successful again in 1996-97.

B R A N C H E X E C U T I V E

Alf Hartling, P.Geol. Chair	Nina Novak, P.Biol., P.Eng.
Gord Barrington, P.Eng.	Joe Pfaefflin, P.Eng.
Roger Breski, P.Eng.	Marcey Skye, P.Eng.
Stephen Calderwood, P.Eng.	Monique Schluff Soboren, P.Eng.
Terry Cooper, P.Eng.	Ron Tibbatts, P.Eng.
Steve Giacomini, P.Eng.	Jane Tink, P.Eng.
Tibor Kaldor, P.Eng.	

CENTRAL ALBERTA BRANCH

David Miller, P.Eng., Chair

The Central Alberta Branch has, over the past year, carried out numerous activities to promote and enhance the engineering and geoscience professions in our communities. These activities included running dinner seminars, making academic presentations, career counselling, and hosting social events.

Dinner meetings, in the past, have covered a wide range of topics and this tradition was continued this past year. One of the most successful dinner

meetings had a topic centered on the "Social and Economic Impact of the Expansion of Nova Chemical's and Union Carbide's Petrochemical Complexes in Central Alberta". This dinner meeting was attended by approximately 40 members and guests and was only surpassed in attendance by the President's Visit.

One of the most critical roles for our Branch Executive is career counselling. This past year, saw activities in this

field vary from classroom discussions at the high school and college levels, to presentations at all levels of education, including presentations at an Alberta Teachers' Association (ATA) conference. The most rewarding presentation was one to Kim Burley, a Red Deer high school teacher, for her efforts in ensuring that the science curriculum was made as interesting and informative as possible.

I would like to thank all of the members of APEGGA in Central Alberta who have dedicated a portion of their time over the past year to make all of these events a success.



B R A N C H E X E C U T I V E

David Miller, P.Eng., Chair	Bob Demcoe, P.Eng.
Real Malo, E.I.T.	Rick Granberg, P.Eng.
Ron Chow, P.Eng.	Mark Brotherton, P.Eng.
Wayne Gilraine, P.Eng.	Arun Mishra, P.Eng., PhD

FORT McMURRAY BRANCH

Brenda M. Wright, P.Geol., Chair

The Fort McMurray Branch focused on providing high quality, yet inexpensive events for our local members. Value for our members and enhancement of the professions were our objectives.

The President's Visit was held in conjunction with our second Professional Member Induction Ceremony. Five new professional members received their certificates

and recited the Professional Oath before 55 attendees.

The Continuing Competence Forum was held at no cost to our members. This is the first, we hope, of many low or no-cost professional development sessions.

Two technical events were jointly sponsored with the CIM Oil Sands Branch and were well attended.

The Teacher Award dinner and Student Night were extremely successful. Our Career Counselling efforts were enhanced this year with the introduction of APEGGA's rock and mineral kit to local Grade 3 students by branch geologists. Many career counselling volunteers not on the executive list deserve our thanks and appreciation for countless classroom visits, judging duties and science promotions.

I would like to sincerely thank this year's executive for their enthusiasm and energy in the promotion of our professions. I appreciate their support and look forward to working with the new executive in the coming year.



B R A N C H E X E C U T I V E

Brenda M. Wright, P.Geol., Chair	Shawn Morrison, P.Eng.
Allister Barteski, P.Eng.	Prakash Mullick, P.Eng.
Jeff Cole, P.Eng.	Leanne Ramsaran, E.I.T.
Stuart Corke, E.I.T.	Jay Riat, P.Eng.
Rattan Garcha, P.Eng.	Raj Seth, P.Eng.
Paul Hagar, P.Eng.	Mike Sneath, P.Eng.
Christine Kemp, P.Eng.	Peter Stapleton, P.Eng.
Kris Kumar, P.Eng.	Rauf Sultan, P.Eng.
Jonathan Matthews, P.Eng.	Swami Swaminathan, P.Eng.

LAKELAND BRANCH

John Bulmer, P.Eng., Chair

After suffering through tough times, the Lakeland Branch was able to achieve a significant turnaround in the involvement of its members in branch activities. Several successful events were held in 1996-97. The year commenced on a social note as we headed to the city to catch

an Edmonton Oilers hockey game. This event was designed to gauge the level of support for the branch and the response kicked off a successful year.

Although our Annual General Meeting was sparsely attended, the desire from those in attendance gave us the incentive to carry on. Both the Continuing Competence Seminar and the visit from President Fred Otto, P.Eng., PhD, were very well attended and exceeded expectations. APEGGA received significant local newspaper coverage of the President's Visit.

To further promote APEGGA's mission and encourage our young people to consider careers in science and technology, the branch provided cash

awards for the Treaty Six Science Fair and hosted a reception for our Teacher Award winner. We also provided prizes and judges for the spaghetti bridge and aluminum boat building contests during National Science and Technology Week. Our pride showed as our local spaghetti bridge winner captured third place in the province.

Building on our successful 1996, the branch is anticipating a bright future for 1997. We are actively pursuing joint branch functions and hope to increase the branch's level of support from its own members.

As chair, I would like to express my sincere thanks to the executive for contributing as they did and also a big "Thank You" to our membership for supporting our activities.

BRANCH EXECUTIVE

John Bulmer, P.Eng., Chair
Steven Bartel, E.I.T.
Kevin Billay, P.Eng.
Trevor Cassidy, E.I.T.

Major Gord Danylchuk, P.Eng.
Bruce Drake, E.I.T.
Greg Milne, P.Eng.



During the year, APEGGA President Fred Otto, P.Eng., visited a number of projects and work sites, including Imperial Oil's Cold Lake Operations. Here, Dr. Otto (left) is seen with Lakeland Branch Chair John Bulmer, P.Eng. (centre) and Trevor Cassidy, E.I.T., of Imperial Oil.

LETHBRIDGE BRANCH

Mark Bellamy, P.Eng., Chair

The Lethbridge Branch enjoyed a successful year with several activities which involved a significant number of our members.

Fifty-two members and guests attended the 6th Annual APEGGA Lethbridge Golf Tournament in May, which was highlighted by the presentation of the Life Member Award to Pat Duffy, P.Eng., in recognition of his significant contribution to our local

engineering community. In October, the presentation of the information session on the draft guidelines for continuing competency was well attended with positive feedback given for the direction of this initiative.

The President's Visit by Fred Otto, P.Eng., PhD, in November, was an opportunity to tour the Canbra Foods processing plant in Lethbridge, catch the vision for the future of value-added

agricultural processing in southern Alberta, and view a presentation on the future direction for APEGGA.

The Lethbridge Branch continues to take an active role in supporting career counselling involvement, and science and engineering awareness at the high-school level, and enhancing the visibility of our professions at the local level.

I would like to thank the members of the Lethbridge Branch executive for their support and involvement in making this past year a success.



BRANCH EXECUTIVE

Mark Bellamy, P.Eng., Chair	Brad Jackson, P.Geol.
Paul Aldridge, P.Eng.	Bill Little, P.Eng.
Gordon Ayers, P.Eng.	Bruce Thurber, P.Eng.
Norbert Bohnert, P.Eng.	Russ Wlad, P.Eng.

MEDICINE HAT BRANCH

John John, P.Eng., Chair

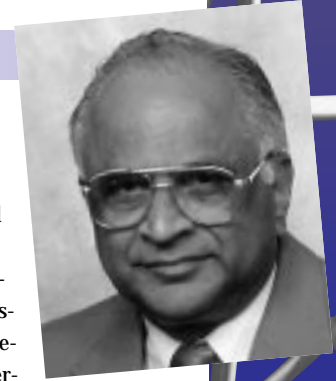
The objective of the Medicine Hat Branch during 1996-97 was to increase involvement of the membership in branch activities and to raise public awareness of engineering in the school system. The branch meetings provided an opportunity for the membership to interact and be involved in a mixture of social functions, technical events and tours. The branch has held three supper socials, one continuing education information meeting, an enjoyable nine-hole golf tournament and barbecue, and one plant tour. The

calendar year culminated with the visit by President Fred Otto, P.Eng., PhD, to Medicine Hat on Nov. 19. The day's activities included a luncheon meeting with the Branch Executive, a meeting with engineers at Canadian Fertilizers Limited, coupled with the tour of that plant. That evening, the President was the guest speaker at the branch dinner meeting where he spoke on "Current Issues and Initiatives of APEGGA". The President's Visit gave the branch an opportunity to conduct the first

Professional Member Induction Ceremony in Medicine Hat.

The branch supported many activities promoting science and engineering in the educational system to provide encouragement to students considering engineering, geology, or geophysics as a career choice. Besides the many guest lectures presented by members of our branch in classrooms, the branch was involved in activities during National Engineering Week, National Science and Technology Week, the Science Olympics, and the Regional Science Fair.

I would like to thank all those members who have taken the time to provide us with feedback and especially our executive for all the time they volunteered in making this a very successful and enjoyable year.



BRANCH EXECUTIVE

John John, P.Eng., Chair	James H. Hogg, P.Eng.
Robert Arthur, P.Eng.	Vic P. Janz, P.Eng.
Lawrence K. Chen, P.Eng.	Ron Kitagawa, P.Eng.
Sheldon Dattenberger, P.Eng.	Daniel S. Lorden, P.Eng.
Vern Fedor, P.Eng.	Mike S. Melham, P.Eng.
Michelle Gaucher, P.Eng.	Mary Ann West, P.Eng.
Robert G. Hawrelak, P.Eng.	

PEACE RIVER BRANCH

John Lehnars, P.Eng., Chair

The momentum is growing in the north and we are seeing some exciting changes occurring in our district. With the physical immensity of our district, it has often been difficult to create any consistent participation by our members. Travel and accommodation have

always been a hindrance. Recently, we

have contacted each of our members for fax numbers and e-mail addresses to keep them abreast of what is new and upcoming. The results have been positive and we have seen almost a two-fold increase in attendance.

In the past year, we saw a host of events, including technical speakers, a tour of the Daishowa pulp mill, the annual President's Visit, Students

Night, and a very successful Lobsterfest, which brought out all the salty souls. Our focus will continue to be on increasing community awareness of our professions and assisting youths entering our professions. To this end, we were active in the National Science and Technology Week and have begun initiation of a student employment program for our local college engineering students.

We have had many people assist in making these goals a reality and I would like to take this opportunity to thank them for all their hard work.

B R A N C H E X E C U T I V E

John Lehnars, P.Eng., Chair	Dave Moore, P.Eng.
Phil Borgel, P.Eng.	Dave Morris, P.Eng.
Barry Brown, P.Eng.	Brian Morrison, P.Eng.
Yukon Davies, Student	Rene Thibault, P.Eng.
Mark Ewanishin, P.Eng.	Albert van Roodselaar, P.Eng., PhD
Jason Fimrite, P.Eng.	Heidi Yang, E.I.T.

VERMILION RIVER BRANCH

Brian Kennedy, P.Ag., P.Eng., Chair

The Vermilion River Branch has been active in the past year. Our focus has been branch activities, career counselling and school awards programs.

Our annual Golf Meeting, involving members of ASET/SAST (Saskatchewan Applied Science Technologists and Technicians), members of the Alberta Institute of Agrologists and members of our branch, was held in

late May. It is an excellent activity to promote an understanding of the functions of each group among members of all groups.

Our executive changed when two of our members, Clark Laing, P.Eng., and Yu-Min Chin, E.I.T., were transferred and resigned. Our best wishes to Clark and Yu-Min in their new functions.

Branch dinner meetings had a variety of topics — continuing compe-

tence (one third of our members attended); President's Visit and tour of the Bi-Provincial Upgrader at Lloydminster; a tour and presentation about power transmission at Alberta Power, Vegreville; and a presentation on the electric car from the University of Alberta. Annually, we host one joint meeting between ASET/SAST and in return, are invited to a meeting hosted by ASET/SAST.

In the past year, branch members have presented awards to both teachers and students at a number of area schools. We also attended a career night at the local high school in Vermilion and presented information to students interested in a career in engineering and the earth sciences.

B R A N C H E X E C U T I V E

Brian Kennedy, P.Ag., P.Eng., Chair	Tom Greenwood-Madsen, P.Eng.
Rob Baron, P.Eng.	Wade Keller, E.I.T.
Yu-Min Chin, E.I.T.	Clark Laing, P.Eng.
Bryan Fong, P.Eng.	Gerry Pyper, P.Eng.

YELLOWHEAD BRANCH

Darryl Verheire, P.Eng., Chair

Two of the main objectives of the Yellowhead Branch are to both increase public awareness and interest in APEGGA, and to provide current and useful information for our members.

The Yellowhead Branch plans to continue working with our local teachers and schools in order to give young students an early appreciation for the sciences. Mr. Charles Gachnang, an elementary school

teacher in Drayton Valley, was presented with the APEGGA Yellowhead Branch Teacher Award for his initiative and exciting teaching methods in science. Our branch plans on helping other teachers make their science classes interesting and educational for the students as well.

Our branch plans to keep our area members involved by holding short conferences on issues such as the continuing competency requirements of

APEGGA. Our branch also plans to hold smaller area meetings to directly discuss member concerns and hopefully to increase member involvement. The annual President's Visit, in conjunction with a tour of the Millar Western Pulp Mill in Whitecourt, went very well. The visit and tour allowed members to discuss current APEGGA issues with our President.

We plan on increasing both public and professional awareness of our members while maintaining and exemplifying our high level of competence and understanding.



B R A N C H E X E C U T I V E

Darryl Verheire, P.Eng., Chair

Phil Bogner, P.Eng.

Nicki Henderson, P.Eng., Past Chair

Ross Pugh, P.Eng.

JoAnne Volk, P.Eng.



APEGGA's Branches provide a focus to Association activity throughout the province. President Fred Otto, P.Eng., meets with members of the Vermilion River Branch, in Lloydminster.

Honours and Awards

APEGGA CENTENNIAL LEADERSHIP AWARD

David James Laurie Kennedy, P. Eng., PhD



The APEGGA Centennial Leadership Award, the Association's most prestigious honour, is awarded to Dr. Laurie Kennedy, P. Eng. for his outstanding leadership and achievements in engineering, as well as his contribution to the profession and society.

After receiving his bachelor's degree in civil engineering from the University of Toronto in 1951, Dr. Kennedy went on to receive his master's and doctoral degrees in civil engineering from the University of Illinois in 1952 and 1961, respectively. He began his academic career in 1956 as a lecturer at the University of Toronto, and throughout his career has held professorship positions at other universities including: Carleton University, the University of Windsor, the University of Melbourne (Australia), the University of Alberta, and Pontifícia Universidade Católica do Rio de Janeiro (Brazil). Dr. Kennedy served as dean of the Faculty of Engineering at the University of Windsor from 1973 to 1979. He is currently professor emeritus with the Department of Civil Engineering at the University of Alberta.

His professional career has also been extensive, starting as a research officer in the division of building research with the National Research Council in 1952, moving on to several senior positions with consulting firms in Montreal, Toronto, and Edmonton from 1953 to 1982, and culminating as a director of Hershfield, Burgess & Huggins, Consulting Engineers, from 1962 to 1982 and principal-in-charge of the Edmonton office in 1980.

Dr. Kennedy has made numerous contributions over several decades to the practice of structural engineering,

particularly in the design of steel structures. Many of these contributions have focused on leadership in the development of structural engineering excellence in Canada. For the past 29 years, he has been chair of the Canadian Standards Association (CSA) committee that establishes the design requirements for all steel building structures in Canada. Since 1984, he has served as chair of the CSA committee that writes the design rules for fixed offshore steel structures in Canada. Since 1991 he has been chair of the CSA's Canadian Highway Bridge Design Code, Steel Bridges Committee. In addition to his work on CSA committees, for the last 27 years, he has been a member of the committee responsible for the National Building Code of Canada provisions for structural design and has also served on American and international standards committees.

Dr. Kennedy has made excellence an integral part of his profession. He received numerous scholarship awards during his undergraduate and graduate studies. His professional career has also exemplified high standards of achievement. He received the Canada Silver Jubilee Medal (1977); the Gzowski Medal (1980 & 1992), the A.B. Sanderson Award (1988), and the P.L. Pratley Award (1992) from the Canadian Society for Civil Engineering (1988); the Shortridge Hardesty Award from the American Society for Civil Engineers (1994); and the John Jenkins Award from the CSA (1995) for leadership in fostering the development and advancement of standards both nationally and internationally. He is a fellow and life member of the Engineering Institute of Canada, the Canadian Society for Civil



"Awarded to members of APEGGA who have attained the highest distinction relating to the science of engineering, geology or geophysics, as an executive or director of an outstanding project or continuing enterprise in which they conducted, guided, directed or were responsible for the practice of the specific profession. The nominee may have also attained the highest distinction by reason of invention, research or original work, or had an outstanding or exemplary career in the teaching of the professions. The nominee will have been a member in good standing with APEGGA for at least five years prior to the date of nomination."

Engineering, and the American Society of Civil Engineers; is a fellow of the Canadian Academy of Engineering; and is a member of APEGGA, Professional Engineers Ontario, and the ordre des ingénieurs du Québec. He was president of the Canadian Society for Civil Engineering in 1975-76.

His exemplary career in engineering education, leadership in developing quality in structural design in Canada, and dedication to overall engineering excellence clearly demonstrate Dr. Kennedy is a pre-eminent role model for the professions.

Gordon Donald Williams, P.Geol., PhD



“This award is presented to members of APEGGA who have served their profession diligently for many years and made substantial contributions to the operation of the Association and the advancement of its professional status.”

Gordon Williams, P.Geol., PhD, has diligently served the geoscience community and inspired the advancement of its related professions. For his outstanding service to his profession and the academic community, as well as his service to APEGGA, the L.C. Charlesworth Professional Award is conferred upon him.

Born and raised in Minnedosa, Manitoba, Dr. Williams graduated from Brandon College in 1955 with a bachelor’s degree in general science. In 1960, he obtained his PhD from the University of Alberta, the first such degree granted in geology by the university.

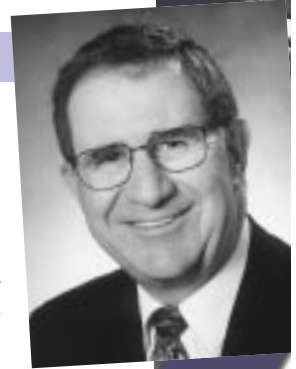
Early in his career, Dr. Williams worked as an exploration and development geologist in the oil and gas sector. In 1961, he joined the University of Alberta where he taught both undergraduate and graduate courses covering a variety of disciplines in geology and served as chair of the Department of Geology. He also taught and conducted research at the University of Queensland (Brisbane, Australia) for two years. During his long and successful academic career, Dr. Williams has been a staunch supporter of continuing education. He helped found the National Conference on Earth Science (the Banff Conference) — an annual event to promote continuing professional education in geoscience — and chaired it for 18 years. He has written and published numer-

ous technical papers and reports on energy, geology and computer applications.

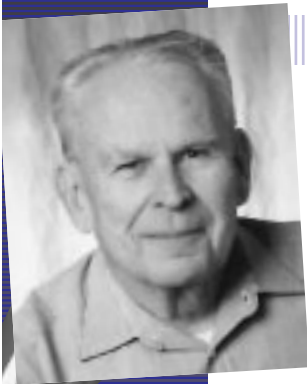
Upon leaving the University of Alberta in 1985, he worked with Suncor Inc. as district geologist, helped establish a petroleum training company, and practiced as a geological consultant before joining Mount Royal College in Calgary in 1990 as the dean of the Faculty of Science and Technology. He has now resumed his consulting practice in Calgary.

Dr. Williams has made outstanding contributions towards operation of the Association and the advancement of the professions it represents. He has served on the Student Affairs Committee, the Task Force to Evaluate the Future Role of APEGGA, the Practice Review Board, the Discipline and Investigative Committees, and, for six years, on Council. Of particular significance is his involvement in the geoscience community at the national level. He continues to advocate and vigorously promote professional registration of geoscientists across Canada, and chairs a task force charged with establishing a national association, the Canadian Council of Professional Geoscientists.

A past president of the Canadian Society of Petroleum Geologists, Dr. Williams has received its President’s Award and a Service Award in recognition by his peers in that society.



John King Gibson, P. Eng.



For his devotion to the Alberta engineering industry, mentoring and creative skills, and pragmatic application of engineering principles that has led to the advancement of technology and the creation of wealth, the 1997 Frank Spragins Technical Award is bestowed upon John

Gibson, P. Eng.

Mr. Gibson has been a guiding influence in oil sands engineering and development for over 30 years. He has been involved with most of the major oil sands projects in Alberta during that time.

He received a bachelor's degree in extractive metallurgy from the University of California in 1954. In 1964, after ten years with Allis Chalmers, Mr. Gibson was senior process engineer for Bechtel Canada Inc. on the Great Canadian Oil Sands (GCOS) project, now known as Suncor. His challenge was to take process data generated from an extraction process pilot plant on Tar Island and develop a commercial extraction plant design. Mr. Gibson adapted hydroseparators from the mineral industry as primary separation cells, and utilized some new concepts, such as mass flow ore storage bins and the use of kiln technology for slurry preparation. Many of the pumps and pipelines that were part of his design were the largest ever built up to that time.

Mr. Gibson was Bechtel's engineering manager for the Syncrude extraction plant design, and he continued to work with the company during the construction of the Syncrude Canada Ltd. plant and the GCOS expansion in

1979. The conditioning drums, pumps and separation cells used to prepare sand/bitumen/water slurries at these plants are subject to extremely high erosion. Mr. Gibson's participation in the selection of materials that combated the erosion of this equipment was a factor in the success of the oil sands plants. Since the successful completion of the Suncor and Syncrude plants, Mr. Gibson's involvement has been that of a project engineer, working on facility revisions and studies as a member of the consulting engineering team.

In addition to his role as a process engineer, he served for a period as a technology transfer agent. During this time, he made a conscious effort to help develop Alberta-based engineering companies' project and construction management expertise, as related to the oil sands industry.

Mr. Gibson continued as a consultant for the oil sands industry, including work on the 1980 Alsands Project, the 1984 Syncrude naphtha recovery unit and the 1986 Syncrude major expansion project. It was during this time that he became a Canadian citizen.

Throughout this period, he has demonstrated an ability to transform complex problems into simple ones, a willingness to mentor and coach junior engineers, and the creativity that allowed him to apply engineering principles.

While Mr. Gibson is now 70 years old, he continues to work, and is in demand not only for his experience and knowledge, but also for developing young engineers in oil-sands-related work.



"Awarded to members of APEGGA who are recognized by their peers for their integrity and expertise and for their outstanding accomplishments in fields related to engineering, geology or geophysics."

Stephen John Stanley, P. Eng., PhD



“Awarded to an APEGGA member whose nomination is received within ten years of eligibility for professional registration in Canada. The award recognizes exceptional achievement in the early years of an engineer’s, geologist’s or geophysicist’s professional career. The member will have shown outstanding work-related achievement and continued leadership in the profession and community.”

Dr. Stanley completed his bachelor’s degree in civil engineering (1986), master’s degree in water resources (1988), and PhD in environmental engineering (1995) at the University of Alberta. Since 1993, he has been an assistant professor in the Department of Civil Engineering at the university. His current duties include teaching both the undergraduate and graduate levels, as well as conducting graduate student research. He is also the representative for the Faculty of Engineering on the Association of Academic Staff, Chair of the Department External Affairs Committee, Graduate Student Coordinator for the environmental engineering program and a member of the task force reviewing non-thesis-based graduate degrees at the university.

Dr. Stanley’s research has concentrated on the development and assessment of treatment techniques for water and wastewater, and the assessment of natural water quality. In the last five years, his research has resulted in the publication of one chapter in a book, 25 refereed journal articles, and 66 conference papers and technical reports. Also during this period, one doctoral and eight master’s degree students have graduated under his direction. Some of his work on larger research projects includes: science component leader for the drinking water group in the Northern River Basin Study; member of the National Centres of Excellence in Sustainable Forest Management; and as a recent recipient of a research grant from the American Water Works Association Research Foundation to investigate the use of artificial intelligence techniques for the modelling and process control of water treatment processes. Research work has also been conducted for federal, provincial, and municipal governments, and a number of industries. The information from these studies has been used to assess environmental impact, develop policies, and optimize treatment processes.

Dr. Stanley’s work is helping to ensure our environment is not adversely impacted by economic development activities.

Professionally, Dr. Stanley has set one of the environmental exams for the APEGGA Board of Examiners. He is also part of the organizing committee for the American Society of Civil Engineers (ASCE)/Canadian Society for Civil Engineering (CSCE) Joint Environmental Engineering Conference to be held in Edmonton in 1997. He served on the Technical Review Committee for the CSCE Annual Conference in 1996 and organized the Canadian Water Quality Association Graduate Student Symposium, a conference bringing together graduate students from across Western Canada. He also reviews papers for the ASCE Journal of Cold Regions, ASCE Journal of Environmental Engineering, AWRA Water Resources Bulletin, Canadian Journal of Civil Engineering, and Environmental Technology and Water Research. In addition to his work at the university, he has been involved in consulting activities with a number of local and international consultants, reviewed issues related to international interbasin water transfers for Environment Canada, reviewed landfill applications for Edmonton Board of Health, and is a member of the Task Force on North Saskatchewan River Water Quality.

Dr. Stanley has also been involved in a number of community activities. They include: Edmonton Public Schools “Read in Program” which involves reading stories to elementary school students; serving as a mentor for students in the “FIRST” program at W.P. Wagner School of Science and Technology; being a presenter at a number of school career days and at the Alberta Teachers’ Association Annual Conference, and coaching basketball at a local high school.



David Pickersgill, P. Eng.

Mr. Pickersgill is a successful entrepreneur and an outstanding contributor to the community at large. He firmly believes in helping others to improve their quality of life. For his outstanding service to a variety of community organizations and his generosity of time, skills, knowledge and fund-raising initiatives,

the APEGGA Community Service Award is granted to Mr. David Pickersgill, P.Eng.

Mr. Pickersgill graduated in 1961 from McGill University with a Bachelor's degree in civil engineering. In 1965, he joined Con-Force Structures (Genstar Structures) and made rapid progress in the organization. In 1988, he led a management buyout and served until 1993 as president and chief executive officer of the company (Con-Force Structures Limited). Currently, he is serving both as Chair and CEO of Con-Force.

Mr. Pickersgill's involvement in community-based and professional activities began at an early age and has continued throughout his entrepreneurial career.

From 1952 to 1969, a time which encompassed his high school and university academic years, Mr. Pickersgill concentrated on youth development causes by serving with organizations such as the Regina and Montreal YMCAs and the Regina Basketball Association. The focus of this early community work was intended to provide personal growth opportunities to less fortunate children.

In the 1980s and 1990s, Mr. Pickersgill's volunteer focus shifted to

the "adult sector". In 1980, he served as chair of the Winnipeg Chamber of Commerce Education Committee, and in 1984 he was elected president of the Canadian Prestressed Concrete Institute. From 1988 to 1990, he served on the Calgary Chamber of Commerce Civic Affairs Committee. In addition, through his various involvement with local political constituency associations, Mr. Pickersgill has promoted society's awareness of and participation in the political process. He has also assisted The University of Calgary through his involvement with the Management Advisory Council and the Entrepreneurship Subcommittee and his participation in raising funds for a Chair in Project Management.

Mr. Pickersgill has always held a soft spot in his heart for children. He has worked extensively with them directly, as his experiences with the Discovery House Shelter and Hull Child and Family Services attest. He also has a history of involvement with institutions dealing with the welfare of children, such as the Mountain Plains Community Services Society, the Big Sisters and Big Brothers Society of Calgary, the Street Teams Society of Calgary, and the Commission for Redesign of Children's Services. "What I've found most gratifying in my work," says Mr. Pickersgill, "is that many people in the community really do care about kids. And if you care deeply about something, the skills any professional has are applicable to working with people and rebuilding the community."



"This award is presented to members of APEGGA in recognition of an outstanding contribution they have made to society."

Frederick Douglas Otto, P.Eng., PhD



"The Council may confer Honorary Life Membership in APEGGA upon any professional member who has rendered signal service to the Association."

Dr. Otto was born in Hardisty, Alberta. He received his bachelor's (1957) and master's (1959) degrees in chemical engineering from the University of Alberta, and his PhD from the University of Michigan (1963). Dr. Otto's teaching career is extensive. He has been a professor of chemical engineering at the University of Alberta since 1962, was chair of the Department of Chemical Engineering (1975-84), and was dean of the Faculty of Engineering (1985-94). At present, he is professor emeritus in the Department of Chemical and Materials Engineering.

Dr. Otto has served the Association for more than 30 years, including as: a member of the Continuing Education Committee (1965-67); chair of the Committee on Metric Conversion (1973-79); a member and subsequently chair of the Honours and Awards Committee (1980-83); a member and subsequently chair of the Board of Examiners (1975-95); Councillor (1985-88); a member of the Board of Education (1985-92); and as a member of the Association's Executive Committee, in the positions of Vice-President (1995-96) and President (1996-97).

He is past president of the Canadian Society for Chemical Engineering (CSCHE) and was a member of the Governing Council of the National Research Council (1991-94). Dr. Otto's commitment has extended to several academic and industrial committees and boards. He is the

current chair of the Canadian Engineering Accreditation Board and serves on the boards of The Laser Institute, the Canadian Institute for Petroleum Industry Development (CIPID), and DB Robinson & Associates Ltd. He is conference chair for the 47th Canadian Chemical Engineering Conference which will be held in Edmonton in October 1997. Since 1988, he has been a director of the CIDA-funded University of Alberta/Bangladesh University of Engineering and Technology Linkage Project.

Dr. Otto is a distinguished lecturer, has published more than 75 technical papers, and is well known for his contributions to the advancement of the engineering profession. His research interests are in the areas of mass transfer, gas-liquid reactions, separation processes, heavy oil upgrading and gas processing. One major research activity has been the measurement of kinetic and solubility data, and the development of computer software required for the design and simulation of processes used for the removal of H₂S and CO₂ from process streams.

APEGGA has recognized his contributions to the profession by awarding him the L.C. Charlesworth Award (1990) and the Centennial Award (1993). He is a fellow of the Canadian Academy of Engineering and of the Chemical Institute of Canada.

HONORARY MEMBERSHIP

David Peter O'Brien



Mr. O'Brien was born and raised in Montreal. He graduated with a B.A. (Honours Economics) from Loyola College in 1962 and a bachelor's degree in civil law from McGill University in 1965. Mr. O'Brien practiced law for ten years before moving to Calgary to begin his oil and gas career. From 1978 to 1989, he held various management positions with Petro-Canada Inc., culminating as executive vice-president. In 1989, he returned to Montreal as president and chief executive officer of Noverco Inc. In 1990, Mr. O'Brien returned to Calgary as president and chief executive officer of PanCanadian Petroleum Limited, and he has been chair of PanCanadian since 1992. In 1995, Mr. O'Brien was appointed president and chief operating officer of Canadian Pacific Limited, and, in May 1996, he was appointed chair, president and chief executive officer.

Mr. O'Brien is also a director of the Royal Bank of Canada, Inco Limited, Laidlaw Inc., various subsidiaries of Canadian Pacific, including PanCanadian Petroleum Limited, as well as The Conference Board of Canada, and the Business Council on National Issues.

Mr. O'Brien is consistent in his support and appreciation of the engineering, geology and geophysics professions, particularly in the energy sector. He is a visionary who has created an

environment that fosters growth and innovation, especially in terms of technology. He also recognizes the importance of continuing professional development and encourages employees to take advantage of training opportunities. Mr. O'Brien established a technical ladder within several companies that recognized the contribution and leadership of technical specialists is as important to the growth of a company as that of management personnel. He has also been very supportive of initiatives aimed at encouraging students to pursue careers in technical fields. Through his support of programs, like Operation Minerva, and influence on the corporate decision-making process, he continues to promote opportunities for women in technology positions.

Mr. O'Brien has made a significant contribution to the visibility of the engineering and geoscience professions. He challenges staff to increase their performance through technical knowledge and insists on professionalism in all transactions. He is a business and community leader, very conscious of the need for safe facility operations and sound environmental practices.

For his contributions to the engineering and geoscience community, his corporate vision and leadership, and promotion of the professions, Honorary Membership in APEGGA is conferred upon Mr. O'Brien.



"The Council may confer Honorary Membership in APEGGA upon any person who, through initiative and leadership, has rendered eminent service allied with the professions. The nominee's work will have contributed to the betterment of society through the development of new material, equipment, techniques, philosophy or management related to engineering, geology or geophysics."

European Technologies International Inc.



“Awarded to a project demonstrating engineering, geological or geophysical skills and representing a substantial contribution to technical progress and the betterment of society. The Association will give credit to those firms and/or persons assuming key roles in bringing the project to completion.”

Development of Can-Balance™ Automatic Balancing Technology for Rotation Equipment

For decades, scientists and engineers have sought to develop a technology that allows for automatic balancing while equipment is operating. Previous attempts were unsuccessful due to lack of utility combined with unstable behaviour while the equipment was in motion. Gary Taylor of Calgary, founder of European Technologies International Inc. (ETI), was frustrated by imbalances in grinding and milling equipment. He tried various solutions until he found a trial and error method to automatically balance rotating equipment under various loads.

Mr. Taylor brought in a team of engineers and technologists to understand and develop the theory and practical application of automatic balancing. The Applications Group, formerly headed by Craig Hannah, P.Eng., applied engineering principles to the application of the automatic balance devices. The Research and Development Team headed by Paul Wierzba, P.Eng., PhD, developed the theory of operation and stability analysis for applying the now patented technology to real machines.

Ongoing efforts by ETI engineers to solve the balancing problem in many diverse application areas include the analysis of rotating equipment using computer simulation and modelling techniques. This ability to model, analyze and design automatic balancing solutions is unique in the world. To this end, ETI's engineers have also developed unique instrumentation for measuring and analyzing vibration of three-dimensional systems.

ETI's Can-Balance™ technology has been transferred through licences to manufacturers for use in washing machines and centrifuges. As well,

ETI has incorporated the Can-Balance™ technology into its own range of products for personal watercraft, snowmobiles, fans and recreational ski boats. Continued development efforts are being pursued by ETI in the automotive industry, specifically for applications of the Can-Balance™ technology to the internal combustion engines. In the manufacture of prototypes and products, ETI uses Calgary-based suppliers, but occasionally must seek sources in other parts of Canada and abroad. ETI has also utilized support from the Universities of Calgary and Alberta, and the National Research Council.

Some of the largest, well known companies in the world are looking to ETI in Calgary for its technology and support in solving the problem of vibration of rotating equipment. The benefit to Alberta accruing from ETI's activity, in terms of technological and economic gains, has been remarkable. ETI continues to execute evaluation, as well as to design and develop products for clients throughout the world.

This award is presented to Dr. Paul Wierzba, vice-president of engineering for European Technologies International Inc. in the development of the Can-Balance™ Automatic Balancing Technology for Rotating Equipment.



Minutes of the 76th Annual General Meeting

8:30 a.m., Friday, 19 April, 1996

Westin Hotel, Edmonton, AB

President John R. Wood., P.Eng., called the 76th Annual General Meeting of the Association of Professional Engineers, Geologists and Geophysicists of Alberta, to order at 8:55 a.m. Approximately 95 members and guests were in attendance.

The President announced that, as required by Bylaw 16(3), the quorum requirements have been met. Also, as required by Bylaw 16(2), notice of the meeting was published in both the January and February editions of The PEGG, thus fulfilling the 90 day notification period to the membership. Parliamentarian for the meeting was Barry Massing, legal counsel. The procedure for presentation of resolutions was also reviewed.

Platform participants, including President Wood, were introduced as follows: Fred D. Otto, P.Eng., PhD, President-Elect; Bob Ross, P.Eng., Executive Director & Registrar; Dave Devenny, P.Geol., P.Eng., PhD, Past President; and Don Ferrier, P.Eng., Second Vice President.

1. PAYMENT OF RESPECT TO MEMBERS DECEASED SINCE THE 1995 ANNUAL GENERAL MEETING

Members were requested to rise and observe a moment of silence in memory of those members who passed away since the 1995 Annual General Meeting. (Appendix A)

2. ANNOUNCEMENT OF ELECTION RESULTS

The President announced the results of the election, as reported by the Ballot Counting Committee.

Elected President (unopposed) *Fred D. Otto, P.Eng.*

Elected 1st Vice President *Dennis A. Lindberg, P.Eng.*

Elected 2nd Vice President *Don R. Ferrier, P.Eng.*

Elected to Council:

John D. Boyd, P.Geoph.

Sue E. Evison, P.Eng.

R. Mark Lasby, P.Eng.

Alice V. Payne, P.Geol.

President Wood expressed appreciation to those who let their names stand for election, but were unsuccessful, and encouraged them to seek election again next year.

3. OBJECTION, IF ANY, TO THE ELECTION RESULTS AS ANNOUNCED

As there were no objections to the election results, the President advised that pursuant to Section 10(3) of the Bylaws, the ballots would be destroyed.

4. MINUTES OF THE 1995 ANNUAL GENERAL MEETING

MOVED, SECONDED and CARRIED:

THAT the minutes of the 1995 Annual General Meeting be approved as published.

5. BUSINESS ARISING FROM THE MINUTES

5.1 1995 Resolutions

95-1, 95-2, and 95-3

All three resolutions were dealt with at the June, 1995 session of Council and have been adopted.

Resolution 95-4

This resolution was tabled in the June, 1995 session of Council and brought back from the table in the April, 1996 session of Council for reconsideration. Council then

MOVED, SECONDED and CARRIED 96-21

THAT Council has reviewed Resolution 95-4, and finds it to contain certain unfounded statements.

Given due consideration to this, as well as the work of the Roles and Responsibilities Task Force, and the pro-gress made on other issues facing APEGGA, including the Specified Scope of Practice initiative, Council concludes that it is unnecessary to appoint a task force of past presidents to review APEGGA's internal organization.

Resolution 95-5

This resolution was considered by Council and a decision was made to take no further action.

5.2 Legislative Revisions

Gordon Stewart, P.Eng., Chairman of the Acts, Regulations and Bylaws Committee, presented the proposed revisions. It was noted that the revisions were also published in The PEGG. The revisions are as follows:

1. Changes to stamping requirement to allow stamping of work prepared by others.
2. Incorporation in the Permit to Practice of the concept of a mandatory Professional Management Plan for all types of organizations engaging in professional practice and the replacement of the permit stamp with a permit number.
3. Revisions to Billing Requirements changing the current system to allow for anniversary date billing (date of original registration) for annual fees instead of the current practice of billing all members in December, due and payable 1 January.
4. Revisions to accommodate changes in the experience requirements for registration to enable the Board of Examiners to have flexibility in assessing work experience gained prior to meeting the academic requirements.

It was

MOVED, SECONDED and CARRIED.

THAT the revisions to the Acts, Regulations and Bylaws, as presented by the Acts, Regulations and Bylaws Committee be adopted.

6. PRESIDENT'S REPORT

The President's report for the 1995-96 term is published in the Annual Report.

7. REPORTS OF BOARDS, COMMITTEES AND BRANCHES

Annual reports from all Association Boards, Committees and Branches were published in the Annual Report.

MOVED, SECONDED and CARRIED:

THAT the reports of Association Boards, Committees, and Branches, as published in the Annual Report, be approved.

There was no further discussion.

8. CANADIAN COUNCIL OF PROFESSIONAL ENGINEERS

8.1 CCPE Chair

Dr. Gary Wacker, P.Eng., presented brief greetings on behalf of CCPE.

8.2 Alberta Director

W. L. Fraser, P.Eng., APEGGA's CCPE Director, reported on the following:

- CCPE has been active in developing its National Vision for the engineering profession.
- Mr. Daniel Verreault, P.Eng., has successfully completed his first year as President of CCPE.
- CCPE is striving to become more relevant and visible to the constituent Associations in the future.

9. AUDITOR'S REPORT

Financial statements for the year ending December 31, 1995, as audited by KPMG Peat Marwick Thorne, were published in the Annual Report.

MOVED, SECONDED and CARRIED:

THAT the audited financial report for the year ending December 31, 1995 be approved.

10. APPOINTMENT OF AUDITORS FOR 1996

MOVED, SECONDED and CARRIED:

THAT Bruce Childs, C.A., be appointed auditor for 1996.

11. NEW BUSINESS

11.1 Resolutions — none.

11.2 Other Business — none.

12. APPOINTMENT OF THE NOMINATING COMMITTEE FOR 1996-97

As required by Section 2 of the Bylaws, APEGGA Council recommends the following members be appointed to the 1996-97 Nominating Committee:

Chairman: J.R. Wood, P.Eng.

Past Chairman: D.W. Devenny, P.Geol., P.Eng.

Members: S.P.F. Fedyna, P.Eng.,	Calgary
B.R. McMullin, P.Geol.,	Ft. McMurray
D.E. Purdy, P.Geol.,	Edmonton
L.C. Van Gastel, P.Eng.,	Calgary
M.J. Rosseker, P.Eng.,	Edmonton
O.P. Malik, P.Eng.,	Calgary
J.B. Seale, P.Eng.,	Edmonton
M.W. Smyth, P.Eng.,	Calgary
G.G. Stewart, P.Eng.,	Edmonton
R.L. Comer, P.Geoph.,	Calgary
D.E. Reid, P.Eng.,	Calgary

MOVED, SECONDED and CARRIED

THAT the membership of the 1996-97 Nominating Committee, as proposed by Council, be approved.

13. DATES AND PLACES FOR 1997, 1998 AND 1999 ANNUAL GENERAL MEETINGS

(a) 1997 Annual General Meeting

MOVED, SECONDED and CARRIED:

THAT the 1997 Annual General Meeting be held on Friday, April 18, 1998, at the Palliser Hotel, Calgary.

(b) 1998 Annual General Meeting

MOVED, SECONDED and CARRIED:

THAT the 1998 Annual General Meeting be held on Friday, April 17, 1998, at the Westin Hotel, Edmonton.

(b) 1999 Annual General Meeting

MOVED, SECONDED and CARRIED:

THAT the 1999 Annual General Meeting be held on Friday, April 23, 1999, at the Palliser Hotel, Calgary.

14. INDUCTION OF PRESIDENT ELECT

President Elect Otto read the Oath of Office of the President of the Association of Professional Engineers, Geologists and Geophysicists of Alberta. President Otto expressed appreciation to Past President J.R. Wood for his leadership of APEGGA during his year as President. President Otto considers it a privilege to serve as the current President of APEGGA and thanked the membership for the honour.

15. ISSUES FORUM

15.1 CCPE Visioning

Bill Fraser, P.Eng. was in attendance to present the CCPE Vision and proposed Vision Statement to the APEGGA membership. Mr. Fraser also outlined the process taken to develop the statement. The statement reads as follows:

“A Vision for the Canadian Engineering Profession
Canadian engineers provide leadership to advance the quality of life through the creative, responsible and progressive application of engineering principles in a global context.”

It was noted that APEGGA Council gave Bill Fraser its approval to ratify the Vision Statement on behalf of APEGGA.

In response to a question from the floor regarding movement towards a national system of registration, CCPE Chair, Gary Wacker, P.Eng., stated that CCPE would like to deal with national mobility outside the Vision Statement. Mobility is an issue that needs to be addressed by all associations in conjunction with CCPE.

In response to a question from the floor regarding unregistered engineers, Bill Fraser, P.Eng., responded that the survey results indicate that non-registered engineers think like registered engineers. The question of why they are unregistered was not part of CCPE's mandate or assignment in a direct sense but indications are that reasons for not being registered are quite varied.

A suggestion was made from the floor that the vision statement be revised by changing the word “**advance** the quality of life” to read “**continually improve** the quality of life”.

Another suggestion was made from the floor that the vision statement should be revised by adding the following words to the end of the statement: “and in so doing, receive appropriate remuneration based on the value of services provided”. This member felt that as we move into the future, we need the money to provide for things that have to be done. Currently, professionals are not being properly remunerated for services provided. Without proper funding, the professions are unable to support colleges, university research, sabbaticals, and training. Bill Fraser advised that the vision statement is only a part of an on-going process. In developing the vision, numerous issues were identified that must be dealt with. Remuneration is just one of those issues. The vision is a goal to be working towards.

15.2 Specified Scope of Practice

Dennis Lindberg, P.Eng., Chair of the Specified Scope of Practice Task Force, was in attendance to present APEGGA's Specified Scope of Practice Initiative to the membership.

APEGGA's 28,000 members, by and large, do not work independently, they work in teams and they head up teams. Team members include individuals with various science degrees, technologists, technicians, and others. Many non-licensed team members have obtained considerable knowledge and experience in their particular area of practice. Some have been seeking an enhanced level of recognition and opportunity. Therefore, APEGGA Council established the Specified Scope of Practice Task Force to research a new category of licensure membership within the EGGP Act, open to suitably qualified technologists, science graduates, and others.

The Specified Scope of Practice category of licensure would enable such qualified individuals to practice independently within their specific area of expertise and would allow them to accept full responsibility for their work. This category of licensure would be a benefit to graduates of foreign universities where engineering training has been very narrow and specialized, individuals with science degrees currently working in an engineering environment, and to technologists and others.

If the Specified Scope concept is adopted, the public interest and safety would be protected by establishing a thorough process for review of experience and education credentials, requiring licensees to be governed by APEGGA's Code of Ethics, practice review, discipline process, continuing competency requirements, etc.

Tentative criteria for licensure are as follows:

- Minimum of two years post-secondary education.
- Minimum of ten years relative experience, including up to four years in post-secondary studies.
- Areas of expertise confirmed by references.
- Demonstrate good character and reputation.
- Acceptable competency in the English language.
- Job site interviews.
- Passing of Professional Practice Examination.
- Application reviewed and approved by Board of Examiners.

Tentative criteria for reserved title:

- Needs to be distinctive from P.Eng., P.Geol., and P.Geoph.
- Individuals receiving a Specified Scope of Practice must be full members of APEGGA and under APEGGA's Code of Ethics, practice review, discipline, continuing competency, etc. Stamp/seal would be distinctive.
- The holders of a specified scope of practice could accept responsibility for that part of a permit holder's practice that falls within their specified scope and could also take sole responsibility for permits to practice where the practice is limited to the individual's specified scope of practice.

It was emphasized that the Task Force was **not** created to deal with the ASET issue but the concept does meet two of ASET's stated prime objectives. It will provide enhanced legal recognition of technologists and will provide a legislated right to independent practice for qualified ASET members and technologists. It will do so without compromising public interest or safety.

Dennis Lindberg confirmed that APEGGA's Specified Scope of Practice concept is consistent with CCPE's Guidelines, and it is somewhat parallel to the limited licence concept recently introduced in British Columbia.

A question came from the floor regarding potential impact the Specified Scope of Practice initiative would have on Permits to Practice. Dennis Lindberg advised that the Task Force had not considered the potential impact in great detail.

A member commenting from the floor, expressed a concern that scientists might perceive this initiative as an attempt to take over all science practitioners. Further, he was concerned that the new category might be perceived as second-rate engineers.

An informal vote was taken to determine consensus on whether the Task Force is on the right track. The majority of those in attendance were in favor, two individuals were opposed and six were neutral.

15.3 Continuing Competence

Ms. Bonnie Stowkowy, P.Eng., Vice-Chair of the Subcommittee on Continuing Competence, was in attendance to present the Continuing Competency Program to the membership.

This has been an APEGGA issue from time to time during the past decade. Two years ago, Council directed the Practice Review Board (PRB) to look at the issue of the continuing competence of all members. APEGGA looked at developing a mandatory program for several reasons.

There is a continuing knowledge and technology explosion and it is estimated that the half life of an engineer's education is now only 10 years. It is also felt that APEGGA has an obligation to provide tangible assurance to the public, government and employers of its members' competence.

APEGGA's definition of competent is as follows:

"The ability to effectively perform a service in a skilled, knowledgeable and ethical manner, consistent with the individual's position and responsibilities."

This definition was also adopted by the CCPE.

APEGGA intends to:

- develop a flexible program,
- recognize the diversity of the membership,
- maintain records,
- perform random audits to ensure compliance,
- develop and maintain a register of courses offered by third parties,
- encourage employers to support the program,
- encourage institutions to offer courses at reasonable costs, appropriate times, and through non-traditional means.

All members will be considered to be "practicing" members unless they declare themselves to be "non-practicing". This will be done on an annual basis, likely at fee renewal time. "Non-practicing" members could include retired members who don't practice the profession, perhaps others who are in non-engineering, geological, or geophysical areas of employment.

All members will be required to develop an individual scope of practice, identify the job skills and areas where development is needed, develop a program to acquire the skills, document activities and effort, and produce documents upon request.

APEGGA's intent is that this be a flexible program, able to accommodate all members. It will include on the job experience, formal training, seminars, workshops, research, publications, and technical societies. There will not be a mandatory requirement to take courses or write exams, unless that is part of one's program requirement.

The current subcommittee will be considering the following key issues:

- definition of practicing and non-practicing,
- standards,
- the auditing and monitoring program,
- costs and cost effectiveness,
- implications of non-practicing membership category,
- liability issues,
- enforcement,
- human resource implications,
- involvement of employers.

Implementation of the Continuing Competency Program is scheduled for January 1, 1997.

16. OTHER BUSINESS

There was no other business.

17. ADJOURNMENT

The meeting adjourned at 11:45 a.m.

APPENDIX A

APEGGA MEMBERS DECEASED SINCE MAY 1995 ANNUAL GENERAL MEETING

ALLISON, Norman J., P.Eng.	Life Member	LOWTHER, Edward Arthur, P.Geol.	Life Member
ARIKAN, Yener, P.Geol.		MAGGS, Percy James, P.Eng.	Life Member
BERNARD, Ernest Alan, P.Eng.	Life Member	MANNING, Ernest	Honorary Member
BRIAN, Joseph Merryman, P.Eng.		MARK, Donald George Gordon, P.Eng.	
BROOKE, William Roland, P.Eng.	Life Member	MELNICHUK, Leonard Alex, P.Eng.	
BRUCE, John Graham, P.Eng.	Life Member	MELOCHE, Yves, P.Eng.	
CHANT, Clifford Ross, P.Geol.		MENZIES, Dudley Blair, P.Eng.	Life Member
CHRISTIE, Natt T., P.Eng.	Life Member	MICHALAK, Radimir, P.Eng.	
CIURYSEK, John Paul, P.Eng.	Life Member	MITCHELL, Arthur Hoadley, P.Eng.	Life Member
CLIPSTONE, Nigel Hugh, P.Eng.	Life Member	MOULT, George Wesley, P.Eng.	
CONNICK, William Claxton, P.Eng.	Life Member	MULLER, James Felix, P.Eng.	
CRAWFORD, Kenneth James, P.Eng.	Life Member	NEWBY, Leonard Richard, P.Eng.	Life Member
DIXON, Robert Kenneth, P.Eng.		OLSON, Timothy Craig, P.Eng.	
DOKKEN, John Thomas, P.Eng.		POTTER, Bryan Lee, P.Eng.	Life Member
ENGLISH, Ivan James Whitney, P.Geoph.	Life Member	SHAYNA, Michael, P.Eng.	Life Member
GALE, Frederic Tyner, P.Eng.	Life Member	SINGH, Kulbir Kartar, P.Eng.	
GREENTREE, Dennis Murray, P.Eng.		SNOWDON, Donald M., P.Geol.	
HARVEY, Thomas Maurice, P.Eng.	Life Member	TEWNION, John, P.Eng.	
HELLAM, Neville, P.Geol.	Life Member	THOMPSON, Desmond Waldegrave, P.Eng.	Life Member
HENDRY, Robert Sydney, P.Eng.		TYRRELL, Gary Brian, P.Geol.	
HERMANN, Kenneth James, P.Eng.		WALKER, Ellis, P.Geol.	Life Member
HETHERINGTON, Charles Ray, P.Eng.	Life Member	WARWARUK, Daniel Andrew, P.Eng.	
JARDINE, Daniel, P.Geol.	Life Member	WEYER, Robert Karl, E.I.T.	
KERN, James Donald, P.Eng.	Life Member		
KLINCK, Norman E., P.Eng.	Life Member		
LEES, Ronald Spencer, P.Eng.			

AGENDA - 77th Annual General Meeting

Palliser Hotel, Calgary AB
Friday April 18, 1997

1. PAYMENT OF RESPECT TO MEMBERS DECEASED SINCE 1996 ANNUAL MEETING.
2. ANNOUNCEMENT OF ELECTION RESULTS.
3. OBJECTION TO ELECTION RESULTS.
4. MINUTES OF THE 1996 ANNUAL GENERAL MEETING.
5. BUSINESS ARISING FROM THE MINUTES.
6. AUDITOR'S REPORT.
7. APPOINTMENT OF AUDITORS FOR 1997.
8. PRESIDENT'S REPORT.
9. REPORTS OF BOARDS, COMMITTEES AND BRANCHES.
10. CANADIAN COUNCIL OF PROFESSIONAL ENGINEERS.
 - 10.1 President
 - 10.2 Alberta Director
11. NEW BUSINESS.
 - 11.1 Revisions to the Act, Regulations and Bylaws
 - 11.2 Resolutions
 - 11.3 Other Business
12. APPOINTMENT OF NOMINATING COMMITTEE FOR 1997/98.
13. DATES AND PLACES FOR 1998, 1999 AND 2000 ANNUAL GENERAL MEETINGS.
14. ISSUES FORUM.
 - 14.1 Business Plan
 - 14.2 Continuing Professional Development
 - 14.3 Image Enhancement
15. INDUCTION OF PRESIDENT ELECT.
16. ADJOURNMENT.

APEGGA

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Professional Engineers, Geologists
and Geophysicists of Alberta*

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