Liability Insurance Crisis

There are still some insurance companies who continue to offer liability insurance at fair rates. However, Members should examine these policies closely to insure that most eventualities are covered. It is better to pay the higher premiums for FULL COVERAGE than forego important coverage that is often missing from less expensive policies.

Members should look for the following elements of coverage in their liability insurance policies:

- Professional “Errors and Omissions”
- Officers and Directors acts (if corporation)
- Personal injury, including libel and slander
- Injunctive action liability
- Defense liability (even if proven guilty—unless there was criminal intent)
- At least a 12-month discovery period in the event of cancellation

If your present “umbrella” policy is “silent” or does not specifically address these elements of coverage in writing, you should talk with your insurance representative as soon as possible. Members should examine their liability policies for present term and future renewal options to insure coverage will remain available, and to add any probable premium increases to their 1986-87 budgets.

Professional societies such as AIPG and other national associations recently held a conference in Washington on the continuing liability insurance crisis. It was well-attended by representatives of many varied organizations and industries. It featured spokesmen from the insurance companies, the bar

Two Named Qualifying Societies

At its January 18th meeting in Tuscaloosa, Alabama, the Institute’s Executive Committee approved two more organizations as “qualifying” societies for AIPG Membership purposes.

The two are: The American Institute of Hydrology (AIH) and the Geological Association of Canada (GAC).

To be recognized as an AIPG Qualifying Society under Article 1, Section 3D of the Bylaws, the Executive Committee, as a matter of policy, has determined that the Organization must:

1. Be national in scope.
2. Be an individual membership organization with at least 500 members.
3. Have as its primary purpose the exchange among its members of scientific and technical information, including the regular publication of a scientific and technical journal (a substantial portion of which is geological in nature) so as to maintain or enhance its members' professional competence as geologists.

Two New Monographs Printed

Two new booklets in its Monograph series, Nos. 4 and 5, have been prepared by the Institute. They are The Professional Geologist as Expert Witness and Organization and Content of a Typical Geologic Report.

Production of these revised versions of both Monographs was by Gary B. Glass, Institute Editor, and Victor C. Tannehill, Executive Director.

More than ever before, geologists are asked to testify in litigations or in hearings involving public safety and convenience, or public funding. The Professional Geologist as Expert Witness Monograph has been written to provide the professional geologist with the general framework needed for preparing and presenting testimony in a competent, professional manner. In addition, it is designed to help the testifying geologist cope with some common courtroom situations and it gives guidelines for the presentation of clear and convincing data and conclusions from the witness stand. The text of this (Continued on Page 4)

Application Policy Changes Coming

By action of the Executive Committee at their January 18th meeting in Tuscaloosa, Alabama, two noteworthy and important future changes have been mandated for all AIPG applications for Membership Certification or Associate affiliation received at Headquarters after January 1, 1987.

Thereafter:

- The Processing Fee which must accompany applications will rise from the present $20 to $30; and,
- Applicants will be required to submit transcripts of their college credits rather than simply course listings.

In a related development, effective immediately, applicants may opt to be billed by the Institute for their dues at the time they are accepted, in lieu of including payment with their application.

Application Inside: Give it to a Friend

Bound inside this issue of the TPG is an application form for AIPG Membership Certification...won't you please get it into the hands of a qualified professional geologist whom you know and who should join the Institute? And follow up with him or her to see to it that the application is completed and submitted.

Your help in this way is sorely needed if AIPG is going to grow—as it should—to represent an even larger percentage of the geologic profession.

Requirements for Membership Certification are listed in the right-hand column on Page 15.
'85 Membership Efforts Succeed

Two hundred sixty Membership applications for Certification and 37 Associate affiliate applications were received at Headquarters during 1985, according to the final year-end report. That is five more Member and five less Associate applications than were received in 1984.

The Texas Section led all Sections of AIPG in '85 with 29 Membership Certification applications during the past year. The Colorado Section was in second place with 25 applications, and the Arizona Section was third with 18 Member applicants in 1985.

The Alaska, California, Florida, Northeast, Pennsylvania and Washington Sections of the Institute were all in "double digits," having done quite well with their solicitation of Member applicants last year.

The largest number of Associate affiliate applicants received and accepted during 1985 were from AIPG’s Florida Section. The Northeast Section had five Associate applicants, and the Illinois-Indiana, Ohio and Texas Sections each recruited three Associate applicants last year.

It is also clear from this tabulation of 1985 results which Sections need to increase their activity to encourage Membership Certification and/or Associate affiliation in the Institute, and which ones most likely will continue to do a good job of helping AIPG to grow.

Executive Committee Reviews Purposes

The Institute’s Executive Committee is at this time carefully reviewing AIPG’s Constitutional Purposes to determine: (1) to what degree each has been, or is being, achieved; and, (2) in what areas do we need to improve the Institute’s performance.

AIPG’s stated purposes are:

▷ To strengthen the geological sciences as a profession.
▷ To establish professional qualifications for, and to evaluate continuously, the ethical conduct of geological scientists.
▷ Monitor governmental and other activities affecting the geological sciences.
▷ Communicate with the public.

The Institute’s leaders will decide whether or not to recommend a vote by the Membership to determine if any of these purposes should be amended or deleted, or if other Institute purposes should be added.

April Conference in D.C.

AIPG will hold its Sixth Annual Governmental Affairs Conference in D.C. Monday, April 14th, at the Ramada Renaissance Hotel, 1143 New Hampshire Avenue, N.W., in the District. All Members are invited to attend and guests are welcome. Advance registration is not required.

The primary purpose of this Conference is to hear from a number of key government officials about a current matter of concern to professional geologists. It will also provide attendees with the opportunity to personally acquaint these individuals with their views on specific legislative and regulatory issues during the discussion.

Institute President Travis H. Hughes will welcome the group, as will Executive Director Vic Tannehill.

AIPG’s Governmental Affairs Committee Chairman, William H. Murray, will speak briefly to attendees, as will the Institute’s Washington Representative Russell G. Wayland.

Scheduled to start at 9:00 A.M. at the Ramada Renaissance, the Conference will begin with a round-table, open discussion on governmental relations for geologists and the Institute’s involvement and activities in governmental affairs.

Several Federal officials will then make presentations to the Conference on timely topics. A question-and-answer period will follow their talks.

Lunch, preceded by an 11:30 A.M. cash bar, will be served at Noon, at which time Conferees will be joined by more Members and guests from the D.C. area. A featured luncheon speaker will be announced shortly.

Progress on “Issues and Answers” Booklets

Committee work on the Institute’s four additional “Issues and Answers” booklets continues. Following is a progress report from each ad hoc committee involved with the writing of these publications:

OIL AND GAS EXPLORATION AND DEVELOPMENT—Arthur O. Spaulding, Chairman, advises that the Committee is hard at work writing the various sections of this important booklet.

GEOLeGeZntrZr HAZARDS—Paul H. Moser, Chairman, reports that his Committee members are proceeding with their efforts to write the publication. He is presently putting comments received together.

strategic minerals—Elisabeth Guerry Newton, Chairman, advises that her ad hoc committee is moving ahead with their writing of this new AIPG booklet.

THE IMPORTANCE OF GEOLoGIC INPUT INTO FEDERAL LAND USE DECISIONS—Charles A. Gordon Everett says his Committee has begun the writing of this particular “Issues and Answers” booklet.

AIPG’s Finances Finish “On-Target” in 1985

Executive Director Vic Tannehill reports that the Institute’s preliminary year-end 1985 Balance Sheet and Income and Expense Statement are both right on target. He notes as a “bottom line” that AIPG’s preliminary unaudited operations for the year are somewhat better than forecast, and that the Institute’s preliminary unaudited operations for the year are somewhat better than forecast, and that the Institute should return some $10,000 to “Member’s Equity” as directed by the budget adopted by last year’s Executive Committee.
Electric Power Consumption Rising Again

Electric power consumption, which in 1982 fell for the first time since World War II, is rising again. If there is strong U.S. economic growth and relatively low inflation, demand should grow an average of 3.2% per year through 1995, according to a new Department of Energy (DOE) report. That compares with 2.1% from 1980 through 1984. But demand will vary by region. In New York and New Jersey it is expected to climb only 2.1% per year, compared with a high of 3.9% for the Northwest.

By 1995 industry will use 39% of all power used in the U.S., compared with the 35% now. Householders will take up 32% of the supply by 1995 and commercial users 30%, the report says. Power costs will depend partly on whether utilities can cut the need for new capacity by using electricity from industrial cogeneration (waste-into-power and the like), the DOE report says, and on whether public utility commissions will allow them to include more of the cost of unfinished construction in current rate bases, a move that would increase prices in the short run. Delays in building coal- and nuclear-fired generating plants, however, will mean more dependence on oil and gas, the report notes.

AIPG Exhibit at AAPG Meeting June 15-18

Executive Director Vic Tannehill, President Travis Hughes and members of the AIPG Executive Committee will be at the Institute’s booth at the American Association of Petroleum Geologists (AAPG) Annual Meeting in Atlanta, Georgia, June 15th through 18th.

The AAPG meeting will mainly be held at the Georgia World Congress Center. The exhibits will open at the Center at 3:00 P.M., Sunday, June 15th. AIPG Members are urged to stop by the AIPG display (booth –1616). The exhibits will close at 1:00 P.M., Wednesday, June 18th.

A get-together luncheon is being scheduled for AIPG Members and guests attending the AAPG meeting. It will be held Wednesday, June 18th, starting at 11:30 A.M. (cash bar opens) with lunch to be served at Noon. Reservations may be made at the AIPG booth, although they are not essential. Spouses and guests are welcome. Come if you can. An Institute officer is scheduled to informally address the group. The plan is to adjourn no later than 1:20 P.M.
Work of Institute Depends on Willing Volunteers

AIPG comprises more than 4,700 Members from industry, government, consulting and academia. Yet, the Institute has just three employees to serve this large and growing membership.

How, then, you might ask, can the high level of AIPG activities be carried on so successfully with a Member-employee ratio of roughly 1,500-to-1? The answer lies in one of the most outstanding characteristics of AIPG—unsullished volunteer efforts and major amounts of time freely donated by Members, supported by their employers.

Some specifics of the extensive work accomplished by volunteers within the Institute are:
- Ten Members serve on AIPG’s Executive Committee, the Institute’s governing body.
- Seventy Members gave advice and counsel through their service on the two Advisory Boards.
- The thirteen Standing Committees of the Institute involve over two hundred Member volunteers.
- Ad Hoc AIPG Committees, formed by the President as needed to address short-term projects, involve the efforts of an additional 75 Members.

At the Section level, important statewide activities of AIPG are carried out by elected Section officers, Committee appointees and many other dedicated and willing volunteers. Over 200 Members each year contribute their time, talents and energy (and in some cases money) to serve in various capacities with the Institute’s 35 Sections.

There are other Member volunteers, unlisted and unsung, who also contribute in a variety of ways to the betterment of the profession of geology...through AIPG.

These are the reasons why an organization of nearly 5,000 Members depends on a staff of only two. The involvement of volunteers in carrying out the Institute’s activities is why so many good things can be accomplished...and why dues can be kept as low as they are.

Are you one of the volunteers for AIPG? If not, why not? There are so many needs (and opportunities) for your help. You can find many forms of service that will suit your abilities and interests. As always, those who contribute the most realize the greatest satisfaction from their Institute Membership. You owe it to yourself to become more active in AIPG. Get involved—it’s good for everyone.

INSURANCE... Continued From Front Page

and state and Federal regulatory agencies.

The main point made at the conference was that the blame for the crisis cannot be placed on any one sector. Similarly, any resolution of the problem will have to come from all sides working together. One of the panelists, Charles A. Krouse, senior professional staff from the House Committee on Public Works and Transportation, had these recommendations:
1. Reexamine Federal mandates such as the 1980 Motor Carrier Act and Superfund.
2. Examine legislation to cap punitive awards.
3. Encourage industry to implement better loss control strategy and improve risk management practices.
4. Strengthen sovereign immunity laws.
5. Penalize frivolous lawsuits.
6. Educate everyone concerned to the fact that increasing litigation costs and higher court awards mean higher premiums.

It was evident from the conference that even if a solution is found in the long run, the short run remains an immediate problem. Wayne Smith, an association treasurer, said: “We think we’ll have to work within the state legislatures because Congress will be slow to act.” That thought was echoed by Tom Barbera, Deputy Commissioner of Insurance from the State of Maryland, who said: “If you have not yet made your state insurance commissioner’s life miserable, you probably should.”

A second conference on liability insurance is now being planned for Washington sometime this spring. Institute Executive Director Vic Tannahill will attend to represent AIPG and its Members interests in this important matter.

MONOGRAPHS... Continued From Front Page

booklet was orginially prepared by a Committee consisting of: James R. Dunn, George A. Kiersch, Robert H. Paschall and Henry H. Bailey.

The Monograph on Organization and Content of a Typical Geologic Report covers common types of geologic reports submitted to government agencies, private industry or other employers. The content of the reports, the reasons for the suggested organization and content and the letter of transmittal are given in sufficient detail to serve as models for actual reports. The booklet is not intended to cover all possible report-writing situations nor to discuss the specifics of expository writing. A list of selected references on the latter matter is included.

Purposes of the Monograph are:
1. to give guidance in writing geologic reports so that recommendations, conclusions and text are clear, effectively arranged, easily followed and concise;
2. to show how to describe procedures so that the work is easily evaluated;
3. to provide a checklist to minimize the possibility of omitting critical items; and,
4. to insure that reports include those things needed to minimize the liability of the geologists who write them, where matters of public convenience, safety or investment of capital are involved.

The text of this booklet was originally prepared by a Committee consisting of: James R. Dunn, Henry H. Bailey, Severn P. Brown, Robert H. Paschall, Harold L. Fothergill and Jack B. Graham.

Single copies are available at no charge from Headquarters.
Scientific Manpower Commission Changes Name

The Commission on Professionals in Science and Technology (CPST) is the new official name of the 33-year-old Scientific Manpower Commission, headquartered in the Nation's capital. In addition to changing its name, the Commission also is changing its membership in order to involve a larger audience interested in its services to the technical community. The name change was prompted by a need to better reflect the composition of the scientific and technical communities in the U.S., and to be consistent with contemporary nomenclature.

Along with the name change to clarify its focus, the Commission is undergoing a major reorganization whose central feature is an expansion of its membership base in order to serve corporate, institutional and individual constituents more effectively. In addition to the leading scientific societies, which founded the Commission in 1953 and have been its only members since, the expanded Commission will be open to membership by other scientific, engineering and related professional societies, corporations, institutions, and individuals who share its concerns with the Nation's human resources in science and technology.

An equally significant aspect of the reorganization is the move to a broader-based and more streamlined form of governance by a Board of Directors comprised of representatives from five major membership categories.

The newly structured Commission will provide for a more timely response to the critical information needs of those in industry, academia and government who are concerned with the scientific and technological future of the U.S.

The fundamental purposes of the Commission will continue unchanged, namely to aid development of the country's scientific, engineering and technological resources for the benefit and welfare of all its people. The Commission will retain its interests in all aspects of the recruitment, education, and utilization of scientists, engineers and technologists; and will continue the collection, analysis, publication and dissemination of statistical data and other information on these vital experts.

The Commission’s series publications on Salaries of Scientists, Engineers and Technicians, Professional Women and Minorities - A Manpower Data Resource Service; The Technological Marketplace: Supply and Demand for Scientists and Engineers; Opportunities in Science and Engineering: A Chartbook; and, its monthly digest, Scientific, Engineering and Technical Manpower Comments will continue to provide timely statistical data and other information on the characteristics of the Nation's technological work force.

In addition to its regular publications program, the Commission will undertake more issue-oriented studies, and will address such particularly pressing issues as the changing demographics of the technological population; the increasing participation of immigrant scientists and engineers in the U.S. work force; and, the need for greater academic/industrial/governmental/professional society cooperation, both to help develop a basic technological literacy in all Americans and to enhance the technological competitiveness of the U.S.

Commission over the past several months, under the leadership of its President, Dr. Joy Stapp, formerly an administrator with the American Psychological Association. The study sought to determine the needs of its constituents for the services the Commission can provide, and to develop new techniques under changing national priorities for continuing to serve those it represents. Dr. Stapp was succeeded on January 1, 1986, by Bill Aldridge, Executive Director of the National Science Teachers Association in Washington, D.C., who proposed the change in name and structure of the Commission and will lead it through the transition.

North Carolina Licensing Procedure

Chapter 89E of the General Statutes of North Carolina was passed as an Act of the Legislature in 1984. The Act established the North Carolina Board for Licensing of Geologists and defined a “licensed geologist”. The purpose of the Act is to regulate the practice of geology as a profession in order to protect the life, property, health and welfare of the People of North Carolina.

Members of the Board were appointed by the Governor, effective August 15, 1985. Following a public hearing on December 17, 1985, the Board adopted its Rules and Regulations as well as a Code of Professional Conduct. The Rules govern the proceedings of the Board and establish standards and mechanisms for licensing as a geologist in the State of North Carolina.

In order to apply for licensing as a geologist under the “grandfather clause,” a completed application must be submitted to the Board by the close of business on August 15, 1986. After that date, the applicant will be required to pass a written examination in addition to satisfying the other licensing criteria. Application must be made on forms obtained from the Board. Forms are expected to be available by about February 15, 1986, and may be obtained by written request to the North Carolina Board for Licensing of Geologists, P.O. Box 27687, Raleigh, NC 27611. A fee of $5.00 is required for each application form requested. A copy of the Act and Regulations will be furnished with each application form.

Hughes Appointed to AGI Council

The Institute's President, Travis H. Hughes, has been appointed by the Executive Committee to be the AIPG Representative for 1986 on the Member Society Council of the American Geological Institute (AGI). He replaces Dean Grafton, 1984 President of AIPG.

The Council plans to hold its next meeting June 18th. The Council will convene at the Atlanta Hilton during the annual meeting of the American Association of Petroleum Geologists (AAPG).

AIPG has been a Member Society of AGI for twenty-three years, and it plans to continue an active role in directing AGI’s affairs. The purpose of the Council is to provide advice and recommendations to AGI's Executive Committee.

1986 Membership Directory in Production

The Institute’s 1986 Membership directory is now in production, under the direction of AIPG Editor Gary B. Glass and Executive Director Victor C. Tannehill. Alphabetical and geographical listings of all paid-up Members and Associates of record as of February 15, 1986, will be included.

It is expected that the '86 books will be printed and ready for distribution around mid-April.
OTA Study on Scientists, Engineers

Will the decline in the college-age population projected for the next decade lead to a shortage of scientists and engineers? Not necessarily, according to a Technical Memorandum released by the Congressional Office of Technology Assessment (OTA).

OTA finds that population trends do not have as great an impact on the supply of scientists and engineers as do individual career choices and market forces. But some disciplines—especially those linked to the high growth or defense-oriented industries—could experience occasional shortages of experienced personnel in the future, as they have in the past. However, individual disciplines have shown great ability to grow or shrink as market conditions require. The most serious effect of the declining college-age population will be a marked weakening in the demand for new college faculty in many, but not all, fields.

The Task Force on Science Policy of the House Committee on Science and Technology asked OTA to examine the effects of long-term demographic trends on the scientific and engineering work force and to consider the barriers to, and future trends in, the participation of women and minorities in scientific and engineering careers. OTA found that women are discouraged from entering science and engineering work by gender-stereotyped career expectations and unfavorable treatment in the science and engineering work force. Participation of minorities in science and engineering is influenced by a complex set of factors including inadequate precollege academic preparedness and lack of financial resources.

OTA's technical memorandum covers undergraduate and graduate science education, the academic market for science and engineering Ph.D.s, the industrial market for engineers, demographics and equality of opportunity and the education and utilization of biomedical research personnel.

OTA is a nonpartisan analytical agency that serves the U.S. Congress. Its purpose is to aid Congress in dealing with the complex and often highly technical issues that increasingly confront our society.


Energy: More Use at Lower Prices

Stimulated principally by lower oil and gas prices, energy consumption in the United States will rise nearly 2% this year, twice the increase of 1985.

Petroleum consumption will climb nearly 5%, predicts the U.S. Chamber of Commerce, with imports supplying a larger share than last year but less than in 1984. Natural gas use will rise 3%, coal use will be up 2% and electric utility sales growth will be slightly less than last year's 5%.

This will be a turnaround year for the domestic petroleum industry, says the Chamber. After a decline of nearly 1% in 1985, U.S. domestic production should increase almost 3%, still "significantly below the 4.9% increase in production forecast for non-durable manufacturing as a whole."

Gasoline prices will drop 4 cents a gallon because of lower crude oil prices, predicts the Department of Energy.

The falling prices and abundant supply are bad news for oil companies, whose net income has been dropping since 1980. Refiners are hurt by cheap imports, and producers are using mergers rather than expensive exploratory drilling to increase their oil reserves.

Some voices have begun to talk of a tariff on imported oil if prices continue to fall. Since 1970, U.S. energy conservation has been the major factor in holding down the growth of consumption. The Independent Petroleum Association calculates that in 1986 U.S. energy use, as a percentage of gross national product, will be 29% less than it was in 1970.

The natural gas industry, after eight years of surplus supply, increased four years ago by deregulation, is aggressively seeking new customers. The American Gas Association is pushing for repeal of government restrictions on new industrial uses of gas, is working to develop more efficient gas appliances and is promoting use of gas in air conditioning.

The price of natural gas in some markets is now competitive with the price of coal. This has limited growth of coal use. Another restraint on coal consumption is electric utilities' increasing reliance on nuclear power.

The electric utility industry is in a period of change. The number of generating plants planned or under construction is the lowest in more than a decade.

Membership Demographics '86 Update

Along with their 1986 dues payments, Certified Members and Associate affiliates have been updating information on their "vital statistics." A major effort has been made again this year to assure accuracy and completeness of every individual's record. Inquiry forms have been mailed to some whose records were incomplete.

A feature story giving updated Institute membership "demographics" is being prepared for an upcoming issue of the AIPG.

The Institute will soon be able to recalculate a variety of useful demographic statistics regarding its Membership, as the staff has now keyed most of this new data into the computerized system.

Code of Ethics Available at No Charge

A copy of AIPG's Code of Ethics is yours for the asking. Just write or call Headquarters. The Code has been printed on heavy 11⅝" × 14⅛" parchment stock. Very suitable for framing, it is hoped that Members will obtain and proudly display this set of principles under which Institute Members work...and live.
A Recap of Pending
Federal Legislation Having Geologic Implications

This regular TPG column is intended to brief readers and keep them up-to-date on key current Washington legislative issues of major concern to professional geologists. You are urged to make your views known on these important pieces of pending legislation. Correspondence to Members and Committees of Congress can be sent to either the U. S. Senate, Washington, DC 20510 or to the U. S. House of Representatives, Washington, DC 20515.

<table>
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<tr>
<th>Legislative Issue</th>
<th>Potential Impact On Geology/Timetable</th>
<th>Contact</th>
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<tr>
<td>FEDERAL LANDS</td>
<td>Draft bills regarding the revision of the on-shore leasing program are circulating throughout the Congress, with action possible next year.</td>
<td>House Interior Committee.</td>
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<tr>
<td>RCRA/SUPERFUND</td>
<td>The House passed (12/9/85) its version of Superfund with a revenue assessment placed on petroleum and chemical industries. The House bill will need to be reconciled in Conference with a Senate Bill that has a broad-based tax.</td>
<td>Members of House Committees on Public Works, Energy and Commerce, and Ways and Means; Members of Senate Finance and Senate Environment and Public Works Committee from whom conferees will be selected. Likely to meet in February.</td>
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<tr>
<td>GROUND-WATER PROTECTION</td>
<td>A new bill, S1836, was introduced by Senate Democrats on November 7th. Presently it has seven Senate sponsors and has been sent to the Committee on Environment and Public Works for discussion. Some action could be expected next year on ground water.</td>
<td>Members of the Conference Committee. Senators: Stafford (Vermont), Durenberger (Minnesota), Simpson (Wyoming), Bentsen (Texas) and Baucus (Montana); House Members: Dingell (Michigan), Schueer (N.Y), Waxman (California), Broyhill (North Carolina), and Madigan (Illinois).</td>
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<tr>
<td>TAX REFORM</td>
<td>The House passed a bill (12/17/85) which preserved some oil and gas depletion, but removed mineral depletion and the investment tax credit. The bill will likely undergo extensive modification and face considerable pressure in the Senate. It will be the major issue of 1986.</td>
<td>All Senators, especially those on the Senate Finance Committee:</td>
</tr>
<tr>
<td>GEOLOGIC HAZARDS</td>
<td>Hearings were conducted on the effects of the Columbian volcano, but were largely restricted to the relief efforts, rather than the forecasting question.</td>
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FEBRUARY, 1986
Federal Legislative and Regulatory Issues Reviewed

By Russ Wayland
AIPC Washington Representative

Congressional holidays/recesses. If you are planning a personal visit to your Congressman or Senator you may not have to come to Washington. Congressmen are going to be home a good deal of the time. Lincoln's birthday is celebrated the full week of February 10; Easter requires March 26 to April 7; Memorial Day takes from May 22 to May 28; and, Independence Day lasts from June 20 to July 7 for the House and to July 14 for the Senate. The Labor Day recess lasts from August 18 to September 8. This year Congress wants to adjourn on October 3. Also keep in mind that the real work week on Capitol Hill is from Tuesday through Thursday. So, try home addresses first for that face-to-face visit. And do allow for junkets.

Federal Register. The 1985 registers totalled about 53,500 pages, averaging about 214 pages per day for the 250 days of publication. The content is in fine print, with bureaucractic language and redundancies galore. There are no advertisements, no jokes, and no illustrations other than a few sketch maps. If you like that sort of thing it's a bargain, but watch this space if your prefer not to make the first cut yourself.

Restrictions on land disposal of hazardous waste. On 1-14-86 Environmental Protection Agency (EPA) published a 164-page treatise on proposed rules on this subject (51FR1602-1766). Most of the treatise is preamble—the actual proposed regulations, as an amendment to CFR Title 40, Parts 260, 261, 262, 264, 265, 268, 270 and 271, run for only ten pages. The land disposal restrictions are in Part 268 as proposed amendments to the proposal of 5-31-85 (50FR23255). Dilution is prohibited as a substitute for treatment. Detailed procedures are prescribed for obtaining an extension of an effective date. Prohibited wastes for landfill disposal are listed. A guidance chart on the proposed procedures is provided at 51FR1738. While comments are due 3-17-86, hearings are scheduled for Dallas on February 4 and 5; for Washington, D.C. on February 6 and 7; and for Chicago on February 10 and 11. A computer tape with the ground-water and surface water modeling procedures can be borrowed for copying. Final rule making is due 11-8-86.

Deletion of eight sites from the National Priorities List. EPA has given its reasons for intending to delete two Pennsylvania sites, one each in New Jersey, North Carolina and Minnesota and three Pacific island sites from the National Priorities List of the National Oil and Hazardous Substances Contingency Plan. Deletion does not create, alter or revoke any individual rights or obligations. It does reflect a decision that no further response is appropriate. 50FR53448

Natural resource damage assessments. Under a 1981 Executive Order, Interior has now issued extensive draft rules establishing procedures for assessing damages to natural resources from a discharge of oil or hazardous substances and compensable under either Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (Superfund) or the Clean Water Act. The proposed rules are for the use of all authorized Federal and state officials referred to in CERCLA as “trustees” for natural resources. The preamble runs from 50FR52126-52147, and the proposed rules run from 52148-52174. A court-ordered deadline for the final rules is 4-22-86. Injury determinations are to cover surface water, ground water, air, geologic resources (soil, sediments, rocks and minerals) and biological resources. Testing and sampling guidance are provided. The assessment of damages is not limited to replacement value, use value or the ability of the ecosystem to recover, as CERCLA provides.

NRC guidance to DOE on high-level nuclear waste. The Nuclear Regulatory Commission (NRC) has established its final “generic” (i.e., general) requirements for in-site testing during site characterization for high-level nuclear-waste geologic repositories. These requirements list the information that must be provided in a license application to be NRC. The earlier draft, published in October 1984, drew 10 comments. The final document is not offered to the public, but it can be seen and copied at the NRC Public Document Room in Washington, D.C. 50FR33029

An agreement on wetlands mitigation. A new agreement between the Corps of Engineers and Interior formalizes the role of the Fish and Wildlife Service in recommending alternatives to minimize or eliminate negative impacts of the Corps' dredge and fill projects under Section 404 of the Clean Water Act. The agreement provides for review of permit applications at higher levels if no agreement is reached at lower levels on wildlife stipulations attached to a permit. Alternative mitigation procedures are listed by priority.

OSM is petitioned to tighten up on State programs. The Office of Surface Mining, Reclamation and Enforcement (OSM) has a petition, received from ten citizen organizations through Congressman Udall, to get tougher on state-administered mining enforcement programs, possibly withdrawing approval of some programs. The petition is published in 52FR272-277. Among the points in the petition are the adequacy of cumulative hydrologic impact analysis; determinations of probable hydrologic consequences; measures required for alluvial valley floor protection; subsidence monitoring; handling of toxic overburden; and, maintenance and reporting of ground-water and surface water monitoring.

OSM draft guidelines on hydrology. Guidelines to help mine operators determine probable hydrologic consequences of mining are available from OSM offices in Washington, D.C., Pittsburgh and Denver. The guidelines will also guide state regulators in assessing the cumulative hydrologic impact of coal mining. These guidelines take into account the differences in geology, climate and hydrology among the coal mining states. Comments are due 4-17-86, or phone Dr. Perry at (202) 343-5854.

Environmental instructions for the Minerals Management Service (MMS). Interior has issued consolidated instructions to the MMS concerning its compliance with the National Environmental Policy Act (NEPA). The instructions appear in their entirety at 51FR1855-1857. In part they serve as a guide to Outer Continental Shelf (OCS) applicants. Specific exclusions are listed in some detail. One exclusion continues to exempt from environmental assessment the collection of geologic data and samples which do not involve drilling beyond 50 feet of consolidated rock or beyond 300 feet of unconsolidated rock. Another exempts all geophysical surveying which does not use solid or liquid explosives.

Soul searching in BLM. U.S. Bureau of Land Management (BLM) employees were recently asked to comment on the views they and the public hold about their professional competence in their complex job as multiple-use managers of public land resources.
APPLICATION FOR MEMBERSHIP IN THE
AMERICAN INSTITUTE OF PROFESSIONAL GEOLOGISTS
7528 VANCE DRIVE - SUITE 103 - ARVADA, COLORADO 80003 - (303) 431-0831

(FILL IN ALL BLANKS – PRINT OR USE TYPEWRITER)

INSTRUCTIONS TO APPLICANT

All information requested on the form must be supplied. If an item is not applicable to you, complete the blank with “no” or “none”. If insufficient space is provided for any item, attach additional sheets containing the supplemental data.

Read the Constitution (which includes the Code of Ethics) and the Bylaws of the Institute. Qualifications for AIPG Membership (certification) are stated in the Bylaws, Article I, Section 3.

You are required to submit the names and addresses of five geological scientists as sponsors. Three must be Institute Members. In selecting and contacting your sponsors, be sure each understands he or she must be prepared to vouch for your qualifications on the basis of present personal knowledge. Institute Headquarters will request letters of recommendation from the sponsors listed. Such letters will be held in strictest confidence and will not be divulged to the applicant.

Your signature to this form and its notarization warrants your knowledge and acceptance of the conditions and duties of membership in the Institute, and constitutes an affidavit as to the veracity of all statements you have submitted herein.

Your application must be accompanied by a check for pre-paid (year of acceptance) National Membership Dues plus Processing Fee. See the enclosure for current amounts.

1. PERSONAL DATA:

Name ___________________________________________ Nickname __________________________

Place of birth ___________________ Date of birth _______________ Citizenship _______________________

Home Address ____________________________________________________________

City/State ________________________________

ZIP ___________ Home phone ( ) ______________________

Employer __________________________________ Position or Title ____________________________

Business Address __________________________________________________________

City/State ________________________________

ZIP ___________ Business phone ( ) ______________________

Check one: ☐ Academia ☐ Consultant ☐ Corporation ☐ Government ☐ Independent ☐ Retired

Major fields of geologic practice: (1) __________________ (2) __________________ (3) __________________

(Refer to Field of Practice Specialty Code listings on folder or in Directory)
2. RECORD OF COLLEGE TRAINING:

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<tr>
<th>Dates from</th>
<th>COLLEGE OR UNIVERSITY (give city and state)</th>
<th>Major Subject</th>
<th>Semester Hours of Geology*</th>
<th>Degrees Received and Date</th>
<th>Minor Subject</th>
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*For schools giving quarter credits, the total of such credits should be multiplied by 0.66 and recorded to the nearest full hour of semester credit.

3. RECORD OF EXPERIENCE: Account for your activities, in chronological order, for the past twenty years or since graduation from college. Leave no unexplained gaps. Be specific. Include a resume if you have one.

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<th>Dates</th>
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4. PROFESSIONAL QUALIFICATIONS: Give a concise statement of the experience, exclusive of academic training, which you feel qualifies you for membership in the Institute, including the number of years so occupied.

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5. GEOLOGIC SOCIETY AFFILIATIONS: you must currently be an accepted Regular/Full Member of a “qualifying” scientific or technical geologic society (see list).

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<th>NAME OF SOCIETY</th>
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6. PUBLICATIONS: Give title and publisher of significant articles or books you have written. Works in process of publication (manuscript accepted) should be listed as such. A complete list of publications is not required.

7. ADDITIONAL INFORMATION: Other pertinent information in support of your AIPG Membership application may be included here. If more space is needed, attach additional sheets.

8. SPONSORS:

You are required to list below the names and current addresses of at least five (5) professional geological scientists as sponsors, three (3) of whom must be Members of the Institute, who can and will attest to, of their own present knowledge and in unequivocal terms, your professional qualifications and ethics. You should first contact them to ask if they will agree to sponsor your application. AIPG will then write each requesting a letter.

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AFFIDAVIT

In affixing my signature to this application, I warrant that all statements made herein and on any appended sheets, are true and correct and further, I affirm that I have read the Constitution, Bylaws and Code of Ethics of the American Institute of Professional Geologists and that I subscribe to and will abide by them and all of the provisions in them as now in effect or hereafter amended, and that any untrue or incorrect statement made by me in this application, or my failure to abide by the Constitution, Bylaws and Code of Ethics shall be sufficient grounds for my suspension or expulsion from the Institute as may be determined and directed by the Executive Committee.

I agree to fully cooperate in the processing by AIPG of my application. I will furnish any additional information as might be requested by the Institute. I will provide releases necessary in the checking and/or confirmation of the data I have furnished herein.

I hereby agree that admission to membership in the American Institute of Professional Geologists shall be granted or refused at the sole discretion of the Executive Committee and I further agree that, in the event membership is not granted to me, I will make no claim against the Institute, its Executive Committee or any individual Member.

__________________________
Date

__________________________
Name (as usually written)

__________________________
Name (typed or printed)

__________________________
STATE OF

__________________________
COUNTY OF

BEFORE ME, the undersigned authority, on this day personally appeared ________________________________, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same as a warranty of the statements therein contained, of his/her own free will and volition, and subject to the penalties of perjury.

Given under my hand and seal of office this the ______ day of ___________________ A.D. 19______

__________________________
Notary Public in and for ______________________ County, State of ____________

(APPLICANT WILL NOT USE THE SPACE BELOW)

RECORD OF ACTION BY THE BOARDS AND COMMITTEES, AS REQUIRED BY BY-LAWS

SECTION SCREENING BOARD ACTION:

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Board
Recommendation
Unanimous
Vote

Comments

__________________________
Signature of Chairman of Screening Board

Section

NATIONAL REVIEWING OFFICER'S ACTION:

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<th>APPROVE</th>
<th>REJECT</th>
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Secretary-Treasurer

Vice President

President-Elect

EXECUTIVE COMMITTEE ACTION:

Date Referred:

Date of Vote:

☐ APPROVE ☐ REJECT

Attested:

__________________________
Secretary-Treasurer
ALABAMA

Bob McKeagney is the new president of the Alabama Section. Bob is Manager of Business Development for Vulcan Materials, Birmingham, Alabama. He was Vice President of the Alabama Section, and he has been active in AIPG for many years.

Lois D. George is the new Vice President of the Section. She is Project Director for P. E. LaMoreaux and Associates in Tuscaloosa. Gerald Grainger has the big work job as Secretary-Treasurer for the next two years. He is Supervisor of the Engineering Geology Section for the Southern Company.

John Newton spoke on “Sinkholes I have known” at the Section meeting on November 15th in Birmingham. Using slides, he discussed problems of subsidence of ground over carbonate rocks caused by reactivation of sinkholes. John has retired from the U.S. Geological Survey and is now working for P. E. LaMoreaux and Associates in Tuscaloosa. The meeting was a dinner meeting and Ladies Night in accordance with the general practice of the Section.

Otis M. Clarke, Jr.

TENNESSEE

Here are the results of the Section’s recent election of 1986 officers:

President
Robert Beaver

Vice President
Don Byerly

Secretary-Treasurer
Donald R. Smith

Newsletter Editor
Glenn N. Pruitt

Screening Board Chairman
Robert Beaver

Membership Chairman
Robert A. Miller

Regulatory and Legislative Committee Chair
Walter L. Helton

Program Chairman
Robert A. Miller

1987 Advisory Board Delegate
Robert Beaver

1986 Advisory Board Delegate
Phyllis Garman

OHIO

Officers of the Ohio Section for 1986 are: President, Samuel M. Stowe; Vice President, Curtis J. Coe; and, Secretary-Treasurer, Milton H. Moos. The Executive Committee includes the above officers plus Kathryn Epp, Dennis N. Hull, Stewart L. Schwotzer and Robert G. Van Horn, past president.

The new officers were announced at the annual dinner meeting, held on November 22, 1985. The 23 persons who attended heard an excellent talk, with slides, by Dr. George Collins of the Oklahoma State University Department of Astronomy.

We note with deep regret the deaths of David M. Erickson, CPGS 3520, of Westerville, and Richard G. Griffith, CPGS 3095, of Columbus.

James D. Pennino has moved out of Ohio. Curtis J. Coe is now senior hydrologist with O.H. Materials Co., Box 551, Findlay 45839-0551, phone (419)423-3526.

We welcome three new Members and one Associate. The Members are Gordon Appel, CPGS 6952, Columbus; Frank T. Gay, CPGS 6955, Twinsburg; and Virginia M. Sand, CPGS 6953, New Philadelphia. The new Associate is Donald E. Calhoun, A309, Columbus.

This is the 20th issue of this Newsletter, which has appeared four times per year for five years. I have decided that the time has come to pass the editorship along to someone else and I’m notifying Section President Stowe to this effect. I hope that a volunteer will be found before the next issue is due in April. The job is hardly burdensome, requiring a day or two every three months; stuff envelopes; stamp and mail. Milton Moos promptly furnishes address labels, envelopes and reimbursement for postage. Although feedback from Members has been minimal, the Newsletter is the only communication that the Ohio Section sponsors. I think it is worthwhile for that reason.

Robert L. Bates
Newsletter Editor

NORTHEAST

National AIPG has requested that the Section should, in some way, try to address the problems of unemployed geologists. Recognizing that not much can be done to influence the economic cycles that periodically affect one’s specialty or another, the Northeast Section will concentrate on increasing the flexibility of its Members in responding to these cycles. To that end, the Section will devote its spring meeting to the subject of employment trends and the possibilities and problems associated with changing specialties or hiring and retraining a geologist from another specialty area. The Executive Committee feels that those geologists caught in an economic downturn represent a great pool of talent for those firms whose specialty is in demand and who are finding it difficult to find staff. We hope to address at this meeting as many aspects of this subject as time will allow and to present something of interest to every Member including:

1. Professionals who have a responsibility for hiring new staff or who are involved in the process.
2. Individuals who are thinking of switching specialties and who want to know more about what may be involved.
3. Professionals who are now unemployed or not satisfactorily employed.
4. Students or recent graduates who are thinking about retraining.
We are planning to include an open panel discussion led by individuals with experience in hiring and training with plenty of time set aside for questions and answers. Join us on May 14th for a frank discussion on the subject that affects us all—and help the Northeast Section formulate its strategies for the future.

If you have specific suggestions regarding the program as “dynamite speakers”, please give Fred Troise a call.

Theodore M. Clark
President

OKLAHOMA

Here are the results of the Section’s recent election of 1986 officers:
President
John A. Blair
President-Elect
James H. Irwin
Secretary-Treasurer
Michael R. Root
Newsletter Editor
Michael R. Root
Screening Board Chairman
James H. Irwin
Membership Chairman
Penny Nelson
Regulatory and Legislative Chairman
Robert A. Northcutt
Program Chairman
Frederick N. Murray
1987 Advisory Board Delegate
John A. Blair
1986 Advisory Board Delegate
John A. Blair

ALASKA

ANCHORAGE

On January 21st, the Alaska Section- Anchorage of the AIPG met at the Holiday Inn to kick off 1986. No host cocktails began at 11:30 a.m. and lunch was served at Noon.
The topic for the January meeting was “Geological Aspects of Land Use Planning for the Municipality of Anchorage.”
Topics discussed during the meeting included reconstruction and building in historic landslide areas, present and future development in avalanche hazard zones (Eagle River area), water and wastewater problems and management.
The outstanding panel of speakers having geological/geotechnical land use planning and political expertise included David Cole, the current Chairman of the Municipality of Anchorage Geotechnical Advisory Commission, Lydia Selkregg, geologist, educator and present member of the Geotechnical Advisory Commission and Dave Walsh, attorney and chairman of the Municipal Assembly.

FAIRBANKS

Ken Manning reports that local elections have been held and that John Cronin and Richard Swainbank are now Chairman and Vice Chairman, respectively, of the District. No regular meeting schedule has yet been established, but an announcement of the next meeting will be prepared for the February mailing to the State membership.

NOTES FROM THE PRESIDENT

We will strive to make 1986 a banner year of growth and prosperity for AIPG in Alaska. With the able help of an outstanding executive committee, the officers believe that excellent speakers and topics will be provided to the Section throughout the year.

We have a full, and in my opinion, and interesting year ahead of us. That brings me to what I consider my primary goals as President of AIPG to be in 1986. They sound simple, however, it will take a concerted effort by everyone to make them a success. I ask for your help in reaching them and I feel if they are met, we will be a stronger and more effective group in the future.

Goal 1 - Increase Membership
Increased membership will result in a louder and more powerful voice on all AIPG and geological matters and issues. Therefore, I believe a 20 percent increase in membership in 1986 is realistic, achievable and something we should all work toward. Our membership committee intends to be very active this year and have planned some unique membership drives.

Goal 2 - Increase Meeting Attendance
While increased membership is paramount, increased meeting attendance is imperative if we are to continue to bring in quality speakers and attain credibility as a group. The apparent apathy created by declining oil revenues and stagnant mineral development can be bolstered by attending AIPG meetings and expressing your opinion. To that end we intend to reaffirm a policy of calling each Member prior to each meeting to encourage your attendance. This will allow you to plan the meeting well in advance.

Goal 3 - Higher Exposure as a Professional Organization
Higher exposure as a professional organization will result in a more powerful and effective voice on those issues which are important to us all. All our meetings during 1986 will be advertised in the Anchorage newspapers and by AGS, and legislators, as well as civic and State leaders will be invited to attend those meetings which may be of interest.

Goal 4 - Greater Input Into Governmental Earth Science Decisions
Through striving to reach Goals 1-3, AIPG will automatically be positioned to provide greater input to local, state and Federal agencies responsible for making geologic-related decisions. As a growing organization which represents the professional geologists of Alaska, we must strive to make our voice heard and control our future. Resolutions of Section endorsements will be frequently undertaken.

CALIFORNIA

The Membership of the California Section has completed its election of 1986 officers. They are: President, Wallace A. Jensky; President-Elect, Lisa Curci; Secretary-Treasurer,
Steve Muir; and, Newsletter Editor, William A. Adent. California Section Committee Chairmen for '86 will be: Screening Board Chairman, Harold M. Sullwold, Jr.; Membership Chairman, Lisa Curci; Regulatory & Legislative Committee Chairman, William A. Adent; Program Chairman, Wally Jensky; 1987 Advisory Board Delegate, Wallace A. Jensky; and, 1986 Advisory Board Delegate, Jack R. Sheehan.

CAROLINAS

On Friday, December 6th, the Carolinas Section of AIPG held a joint meeting with AEG in Southern Pines, North Carolina, with 43 in attendance. Norman L. Tilford, a former Member and officer of the Carolinas Section, and presently the national President of AEG, gave a very informative talk entitled Geologists, Engineers and Professionalism.

A short business meeting followed, during which time we were given an update on the status of the North Carolina Registration Act for Geologists by Neil J. Gilbert, an Institute Member and a member of the Board appointed by Governor Martin.

Section officers for 1986 were installed. They are as follows:
"President ......................... Pete H. Evans
Vice President .................... Malcolm F. Shaffer
Secretary-Treasurer ............... James D. Simons"

Great Lakes States Making Comeback

Six Great Lakes states - Illinois, Indiana, Michigan, Minnesota, Ohio and Wisconsin - will experience an economic renaissance in 1986. Michigan in particular may well go down as the comeback state. Three factors are generating the rise of these states: an abundance of water, "the oil of the '80s"; a commitment to economic diversity; and, a determination to speak with a single regional voice. The Great Lakes contain 95 percent of the country's fresh surface water, which increasingly will be in demand. Although still tied to heavy industry and agriculture, the states are expanding into high-tech areas, encouraging small-business growth and courting foreign investments. In an effort to reverse the years of decline, the state governments have banded to protect their waters and focus on long-term strategic goals.

Huffstetler Named SEPM Executive Director

Joe Huffstetler, longtime employee with Cities Service Co., has been appointed Executive Director of the Society of Economic Paleontologists and Mineralogists (SEPM).

Huffstetler's appointment became effective January 1st. He replaces Doris Woofter, who resigned.

Huffstetler comes to the Tulsa-based SEPM post following a 33-year career with Cities Service Co., where he was Manager of College Relations and Geologic Recruiting in Tulsa from 1981 to 1985.

During the last quarter of 1985, Huffstetler worked in Cities' employee placement office, helping those employees displaced by company restructuring find work with other companies.

WEST VIRGINIA

Porter J. Brown has received the West Virginia Section Award of Merit for 1985. Thomas Z. Jones, President of the Section, presented Brown with the Award during the fall meeting. It is in recognition of Porter's outstanding achievements in the advancement of professional geology.

Porter is a native West Virginian. He received his B.S. Degree in Geology from West Virginia University in 1949. He served as Chief Geologist for the United Fuel Gas Company from 1950 to 1972. Porter joined Columbia Gas Transmission Corporation as Chief of Geological Services and has served in that capacity for the last 12 years. Porter is a Certified Professional Geologist with AIPG and a Registered Professional Engineer (Petroleum) in the states of Kentucky and West Virginia.

During his long and distinguished service to the profession, Porter has held membership and various offices in such organizations as the American Association of Petroleum Geologists, the Geological Societies of Kentucky, Ohio, Pittsburgh, the Appalachian Region and Kentucky Oil and Gas Associations and the Canadian Society of Petroleum Geologists. Porter has also served on the Board of Directors of the Potential Gas Committee and served as its Chairman for the Atlantic Region.

Porter retired from Columbia Gas Transmission Company in October, 1985, and is now utilizing his vast wealth of experience as a consultant to the gas and oil industry.

The West Virginia Section of AIPG is extremely pleased to recognize and honor such an outstanding geological leader as Porter J. Brown. He has served his profession in an exemplary manner and has been a guiding force to many a young geologist entering the profession. He has certainly been an inspiration to AIPG in general and the West Virginia Section in particular.

Thomas Z. Jones, President of the West Virginia Section of AIPG (right) presents Porter J. Brown (left) with the 1985 Award of Merit from the West Virginia Section during the Section's Annual Fall Meeting. The award is in recognition of Porter's outstanding achievements in the advancement of professional geology.
Our Members Make the News...

Frank W. Harrison Jr., CPGS 2500, an independent and consulting geologist, and former President of the American Association of Petroleum Geologists (AAPG) is one of six longtime, active members of AAPG who have been awarded Honorary status by the Executive Committee. They will be installed at the Association's 1986 annual convention in Atlanta.

Honorary Membership is bestowed by AAPG on members who have distinguished themselves by their service and devotion to the Association and to the science and profession of petroleum geology. Harrison received his B.S. in Petroleum Geology from Louisiana State University in 1950 and joined Union Producing Co. that same year as a draftsman and geological scout. Later in 1950 he became a geologist for Union in New Orleans.

In 1954 he joined Seaboard Oil Co. as a geologist. Two years later he was named District Geologist with Trans-Tex Drilling Co., and in 1957 became Head Geologist for American Natural Gas Production Co.

In 1959 Harrison struck out on his own to become an independent and consulting geologist in Lafayette, LA.

He served as President of AAPG in 1981, was a member of the Advisory Council from 1970 to 1974 and is an AAPG Foundation Trustee Associate.

He also has been a member of the AAPG Industry Liaison Committee, the Marine Geology Committee, the Visiting Petroleum Geologists Committee and the Business Committee.

Arthur O. Spaulding, CPGS 29, is now a private consultant to both the petroleum industry and to various levels of government. He provides services deriving from his 36 years of diversified and unique experiences in the petroleum industry and in several different echelons of government. Spaulding's background includes petroleum geology and engineering, several years as an appraiser of oil and gas producing properties, being the Petroleum Administrator of the City of Los Angeles and more than a decade of trade association work. Most recently, he was Vice President and General Manager of the Western Oil and Gas Association. Spaulding offers particular advice at the interface of the oil business and local government, otherwise known as the permitting process. His office is located in Marina del Rey, California.

W. Philip Wagner, CPGS 2620, owner/manager of Wagner and Associates, Inc., has joined Wehran Engineers & Scientists, Middletown, New York, as Vice President and Corporate Director of Hydrogeology. Holder of a Ph.D. in Geology from the University of Michigan with twenty years of experience in the fields of geology and hydrogeology, Wagner's consulting experience includes water supply, solid- and hazardous-waste disposal, contaminant hydrology, geophysical applications, soil erosion, drainage and blasting and rock excavation/construction/refurbishment. His academic experience includes 14 years as a faculty member serving as an Associate Professor of Geology at the University of Vermont. His research in soils, ground water, and geophysical applications is represented by 30 publications.

Wagner is a member of various professional organizations, including the National Water Well Association, the Society's Health and Safety Division. He has served on the Scientific Advisory Committee of the Environmental Defense Fund, the New England Governors Task Force on Hazardous Waste, and on the Board of Directors of a mining industry and a private foundation.

Wagner and Associates, Inc., a hydrogeologic consulting firm located in Burlington, Vermont, became part of Wehran in December, 1985. Wagner and Associates' staff of 10 geologists and hydrogeologists complement Wehran's services and provide expanded expertise in geophysical investigations, fractured bedrock hydrogeology and contaminant hydrology.

Established in 1968, Wehran is a leader in the field of waste management. Wehran maintains regional offices in the Boston metropolitan area; Buffalo, New York area; Indianapolis, Indiana; and, northern New Jersey. The Burlington, Vermont, office will become the fifth office.

PBS Airs Seven-Part Geoscience TV Series

A seven-part television documentary series on geoscience frontiers, produced of which was assisted by several AIPG Members, began airing January 22nd on Public Broadcasting System (PBS) stations around the country.

Planet Earth, produced by WQED/Pittsburgh, in association with The National Academy of Sciences, features several AIPG members in discussions of various geoscience subjects. Other Members served in advisory roles during production of the new series.

Major funding for Planet Earth was provided by The Annenberg/CPB Project, with corporate funding coming from IBM.

Charles J. Mankin, CPGS 1415, and President-Elect of the Institute, was co-chairman of the scientific panel for the Gifts from the Earth segment.

The series celebrates the advances made in earth sciences since the first International Geophysical Year (IGY) in 1957-58, when scientists around the world joined together in an effort to achieve a major advance in knowledge of the Earth. Much of the new knowledge to be discussed in the TV series has its roots in that first IGY pact.

PBS listings are subject to local scheduling. Following is a list of the hour-long programs and dates as set for broadcast on nationwide PBS stations:

- **January 22**—The Living Machine (plate tectonics)
- **January 29**—The Blue Planet (the oceans)
- **February 5**—The Climate Puzzle
- **February 12**—Tales From Other Worlds (the planets)
- **February 19**—Gifts From The Earth (mineral resources)
- **February 26**—The Solar Sea (the sun)
- **March 5**—Fate of The Earth (emergence of man)

Moving?
... don't forget to send AIPG your new address!

THE PROFESSIONAL GEOLOGIST
IN MEMORIAM...

John A. Grego, Jr., CPGS 2753, 43, Vice President of Operations of Mark Resources Corporation died December 19, 1985. Grego graduated from Ohio University, Athens, Ohio with a Bachelor of Science degree in Geology. He had been Screening Board Chairman of AIPG's Pennsylvania Section and had served as Section Vice President. He was a certified petroleum geologist and a member of the American Association of Petroleum Geologists, the Pittsburgh Geological Society and the Pittsburgh Association of Petroleum Geologists. He belonged to Chartiers Country Club. Prior to joining Mark Resources Corporation, Grego was a geologist with Delta Drilling Company, Pittsburgh, Pennsylvania, from October, 1978 to October, 1981; a senior geologist with Appalachian Exploration & Development, Inc., Charleston, West Virginia, from July, 1975 to October, 1978; and, a geologist with Consolidated Gas Supply Company, Clarksburg, West Virginia from 1969 to July, 1975. He is survived by his wife, Elizabeth Eberst Grego and two sons, John A., III and James.

Richard G. Griffith, CPGS 3095, died December 10, 1985, in Columbus, Ohio after a short terminal illness. He is survived by his wife, Marjorie, daughter, Patty, and son, Mike, of Columbus, Ohio and two grandchildren.

Dick grew up in Lakewood, Ohio, and graduated from Lakewood High School, January 1946. He was a member of the swimming team. Dick was a certified lifeguard and served various municipal beaches and private pools with distinction during his high school and college career.

After a tour in the Navy, Dick entered college and graduated from Ohio State University with a Bachelor of Science Degree in Geology, June 1951. During February 1951 Dick and Marjorie Brown of Lakewood, Ohio were married. Immediately after graduation, Dick obtained a job with Seismograph Service Corporation working out of Fort Morgan, Colorado. In 1952 Dick joined Standard Oil Company in Cleveland, Ohio, and during the course of this employment became a Registered Surveyor in the State of Ohio. In 1955 he became a Staff Exploration and Development Geologist for Sohio in Calgary, Canada.

Dick became an independent consulting geologist in 1960 working in-turn out of Oklahoma City, Oklahoma, Dallas, Texas, and Wooster, Ohio. He was Chief Geologist for Algonquin Petroleum Company with an office in Marion, Ohio, from 1964 to 1966 where he participated in the management of several small oil companies.

In 1973, Dick formed Professional Petroleum Services, Inc. (PPSI), from which he continued his consulting practice without interruption. His son, Mike, joined him in the Corporation in 1981, after his graduation from Ohio State University. Both geologists, father and son, worked together and were, during this time, resident geological consultants to Amschutz Corporation of Denver, Colorado, for one and one-half years. PPSI continues to serve it's clients.

Dick was Certified Professional Geologist No. 3095 and Certified Petroleum Geologist No. 698. He was a Member of the Oklahoma City Geological Society, Dallas Geological Society, Ohio Geological Society and the Ohio Oil and Gas Association. He was on the Screening Board of the Ohio Section of AIPG, in keeping with his interest in professional affairs.

It was my pleasure to have known and graduated with Dick in the same high school and university class. Our relationship extended over 30 years and was further enhanced by a variety of business, professional and social activities from 1963 to the time of his death. During this time Dick was a very consistent and reliable associate.

Dick was a man of principle. He was of good humor and peacefully resigned to inevitable conditions, both large and small. He was an optimistic man of science and, therefore, an excellent explorationist. I knew him to be an honest, sincere man of integrity, who knew his craft: the art and science that is geology.

The Petroleum Industry has lost a valuable, creative, professional exploration geologist. The community, friends and associates of Dick have lost a good and faithful friend. We have all enjoyed and benefited by knowing him, and we shall continue to benefit by our memory of him. We shall miss Dick very much.

William E. Shafer

Leonard J. Autin Sr., CPGS 3155, a petroleum geologist, died in Gretna, Louisiana, in December after a brief illness. He was 58. Autin was born in Golden Meadow and lived in Harahan, Louisiana, for 29 years. He received his Master's Degree in Geology from Louisiana State University in 1931 and was employed as a petroleum engineer by several oil companies before starting his own business. For the past 12 years, he worked on a gold mining operation in Costa Rica. He is survived by his wife, Ann Tomlinson Autin; five daughters, Suzanne Suer, Yvette Stephens, Denice Wettler, Michelle Gilmore and Camille Lasserre; and, by three sons, Leonard Jr., William and Gregory Autin.

It is my sad duty to observe the passing of one of the founders of the Coast Geological Society. John F. Curran, CPGS 195, died in Cottage Hospital in Santa Barbara on Friday, December 6. He worked up to the day he entered the hospital on December 1. His untimely death was attributed to kidney failure.

Johnny Curran was born in Los Angeles on February 13, 1917, thus commencing a parade of thirteens which followed him throughout his life. He graduated from high school on June 13, 1934. He received his Bachelor's Degree from Stanford University on January 13, 1941. He was commissioned in the U.S. Navy on April 13, 1941, and at his own request was granted California Registered Geologist Certificate No. 13 although his position on the first Board at that time would have entitled him to a lower number.

After receiving his Master's Degree from Stanford University in 1943 and a three-year hitch in the U.S. Navy, part of which was spent in the southwestern Pacific, John commenced his geological career in June of 1946 when he went to work for General Petroleum (now Mobil Oil Company) in Los Angeles. He was transferred to Ventura in February of 1947, and it was during his stint in Ventura at a large Shell Oil Company core party that John posed the question as to why there was no local organization of geologists to meet for educational and recreational purposes. The result of this inquiry and a tremendous amount of single-handed effort on John's part was the founding of the Coast Geological Society, which held its first meeting in 1948 in the Presidio Restaurant in Santa Barbara with a total of 45 people in attendance. This may have been one of John's first, but certainly not his last successful efforts at organization.

FEBRUARY, 1986
In January of 1952, John joined Honolulu Oil Company and moved to Santa Barbara. Since the dissolution of Honolulu in 1959, John has been a consultant in Santa Barbara. He and Pete Hall and others prepared a report in 1971 which summarized the geology of the Santa Barbara channel and predicted that current estimates were too small and that big reserves would be found there. The facts have since proved this to be true.

John served as a member of the first California State Board for Registration for geologists and geophysicists from April 1969 to July 1976; he was appointed to the Board by the then Governor Ronald Reagan.

John has served the American Association of Petroleum Geologists since 1942 in numerous committees and other positions, including President of the Pacific Section from 1970 to 1971, and he was made a life member in 1978.

He was a charter member of the American Institute of Professional Geologists, and a member of SEPM Pacific Section. He was a Fellow in the GSA. He was active in numerous civic and community activities such as Lions Club, Boy Scouts and Stanford University Alumni affairs, and many local causes. John was a doer and creator and made good things happen. He loved geology and geologists, and had a lot of fun during his full and useful life.

He was married in 1943 to Beverly Jane McKenzie of Stanford '42, and they had two sons and two daughters. Three of the children live in the Santa Barbara area. His wife Beverly died in 1977.

A memorial service was held on Sunday, December 15, at All Saints Episcopal Church in Montecito, and the Coast Society sent flowers. Donations may be made in his honor to the Thomas Wilson Dibblee Geological Foundation, 1010 Mission Canyon Road, Santa Barbara 93105. He was a founder and president of this foundation which is publishing much of the geologic mapping done by Tom Dibblee during his long career. This foundation was the top priority activity during his last years.

Edward A. Hall
Senior Geologist

Word has been received at Headquarters of the death December 22, 1985, of Member Robert M. Hagerman, CPGS 2389. He had been with Resource Management Consultants, Inc., in West Chester, Pennsylvania.

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HSG Offers Employment Seminar

The Houston Geological Society and the Geophysical Society of Houston are presenting a seminar March 7th on "What To Do When The Bottom Drops Out." The seminar will be held in the Exxon Building auditorium, 800 Bell, Houston. The auditorium is located on the concourse (C) level in the Exxon Building.

A fee of $25 will be charged to nonmembers and $10 for society members. The nonmembers, if they so desire, can apply $15 of their fee for a one year membership in either society.

The seminar program will cover a wide range of useful subjects for anyone faced with unemployment, for those who are underemployed or for those who are now out of school and looking for work. Several speakers will address the outlook for the petroleum industry and how it will affect overall employment; others will discuss employment in various segments of industry; and, there will be discussions of importance to those seeking help in job search or who plan to switch to another profession.

The society wishes to help geologists and geophysicists in this difficult time. The aim of the seminar is to provide new ideas in the job search, the best search techniques and information about the levels of geologic employment now and in the future.

APPLICANTS... Continued From Page 14

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*WILDER, Mark D., 7 Grove Street, Baldwinville, NY 13027. Sponsors: Travis H. Hughes, W. Gary Hooks, Andrew F. Diefendorf.


WYMER, Richard E., 2321 Breck Ave., Casper, WY 82601.

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Membership Information

The American Institute of Professional Geologists (AIPG), founded in 1963, is a professional rather than scientific or technical society. It is a nationwide organization which certifies the competence and ethical conduct of geological scientists in all branches of the profession. A voluntary individual membership association, AIPG presently has more than 4,700 Members and 200 Associates in the U.S. and abroad, organized into 36 State Sections. Collectively, AIPG Members practice in all specialty fields and are employed in industry, consulting, independent, oil production, government or academia. The Institute's National Headquarters is in Arvada, Colorado. It also maintains an office in Washington, D.C.

AIPG's CONSTITUTIONAL PURPOSES ARE TO:

- Improve the professional application of geology for the good of the general public.
- Assure proper geologic input to Federal and State law-making and rule-making processes.
- Enhance and preserve the standing of the profession.
- Establish and maintain highest professional standards.
- Continuously evaluate the professional qualifications and conduct of Member geologists.
- Ensure adherence to an uncompromising code of ethics by Members.

AIPG SERVICES:

CERTIFICATION — The Institute certifies, through a rigorous peer review process, the professional competency of Member geologists.

EDUCATION — AIPG provides educational programs to improve the professional skills and abilities of Members, including short courses, seminars, meetings and educational publications and materials.

INFORMATION — The Institute disseminates information on a wide variety of matters related to professional geology through its monthly newsletter, annual directory, "information center" and lending library.

REPRESENTATION — AIPG serves as an organization to convey the viewpoints of professional geologists to government, education and the general public and to make factual, constructive input to those groups.

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(See the Institute's "Constitution and Bylaws" for details. Fully completed applications must be accompanied by a $95 check—$75 national dues and $20 processing fee.)

1. TRAINING — college degree with 30 semester hours in geology or related earth science.
2. EXPERIENCE — a minimum of five years in geology or other geological occupation after the award of a baccalaureate degree.
3. PERSONAL INTEGRITY — record of adherence to highest professional and ethical standards as expressed in the Institute’s Code of Ethics.
4. SCIENTIFIC/TECHNICAL SOCIETY MEMBERSHIP — regular full membership in a qualifying geologic society.
5. PERSONAL SPONSORS — five geological scientists, three of whom must be AIPG Members, must vouch for an applicant’s professional qualifications through letters of recommendation.

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