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PROFESSIONAL GEOLOGISTS

THE PROFESSIONAL GEOLOGIST

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June, 1980

17th ANNUAL MEETING September 24-27, 1980
Mobile, Alabama

AN AGREEMENT AT LAST

In the June, 1979 issue of "The Professional Geologist", past-president Edward E. Rue outlined the efforts of several AIPG members and committees on the Surface Mining Control and Reclamation Act of 1977, now Public Law 95-87. As a follow-up to the above article, we are happy to report that we have progressed to the point that our President, James R. Dunn and the President of the American Congress on Surveying and Mapping, E. R. Brownell have signed a "Memorandum of Understanding". The AIPG Policy Statement concerning Public Law 95-87 and the "Memorandum of Understanding" are as follows:

POLICY STATEMENT

The American Institute of Professional Geologists (AIPG) fully supports the rights and responsibilities of all professions to practice in their respective areas of expertise as established by virtue of their formal academic training and professional experience.

Section 507(b)(14) of the Surface Mining and Reclamation Act of 1977, PL 95-87, clearly sets forth the nature of the information required on cross-section maps or plans to be effected. Most of the information is of a geological or geotechnical nature, specifically including "the nature and depth of the various strata of overburden; the location of subsurface water, if encountered, and its quality; the nature and thickness of any coal or rider seam above the coal seam to be mined; the nature of the stratum immediately beneath the coal seam to be mined; all mineral crop lines and the strike and dip of the coal to be mined, within the area of land to be affected; * * *; the location of aquifers; (and) the estimated elevation of the water table; * * *." Provisions of Section 507(b)(14) requiring extensive input by professional geologists include "the location of spoil, waste, or refuse areas and top soil preservation areas; the location of all impoundments for waste or erosion control; * * *; constructed or natural drainways and the location of any discharges to any surface body of water on the area of land to be affected or adjacent thereto; * * *."

The provisions of Section 507(b)(14) not normally requiring extensive geological or geotechnical input, except possibly in the planning phase, concern information on "existing or previous surface mining limits; the location and extent of known workings of any underground mines, including mine openings to the surface; * * *; any settling or water treatment facility; * * *; and profiles at appropriate cross sections of the anticipated final surface configuration that will be achieved pursuant to the operator's proposed reclamation plan."

AIPG fully supports the rights of land surveyors to their appropriate practice of cadastral and topographic surveying and mensuration and the preparation of maps, plats, and profiles depicting topography, property boundaries, and the location of certain other surface features and underground workings. Accordingly, AIPG also supports the rights of land surveyors to have the "lead" or primary role for the preparation and certification of documents pertaining to such work. On the other hand, the "lead" or primary role for preparation and certification of geological and geotechnical documents is the sole responsibility of professional geologists or of registered professional engineers qualified in the earth sciences.

MEMORANDUM OF UNDERSTANDING

The American Institute of Professional Geologists (AIPG) and the American Congress on Surveying and Mapping (ACSM), whose respective memberships include professionals who are licensed, registered, certified, or otherwise qualified in their specific areas of expertise to serve the public, affirm to each other that

professional persons should not perform services in areas for which they are not qualified, and

the separate areas of expertise involved in the professions of geology and surveying should be applied to common projects in a mutually
(Continued on page 3)

BUSINESS AFFAIRS OF THE INSTITUTE

Annual Meetings:

17th Annual Meeting - Mobile, Alabama
 September 24 - 27, 1980
 General Chairman: Jack H. Bryan
 Headquarters Hotel: Hilton Inn-Mobile

Other Annual Meetings:

18th Annual Meeting - Williamsburg, Virginia
 November 5 - 7, 1981
 General Chairman: John Kent Kane II
 19th Annual Meeting - Pasadena, California
 October 13-16, 1982 (NOTE: DATES NOW SET)
 General Chairman: Howard T. Anderson
 20th Annual Meeting - Jackson, Wyoming
 (DATES NOT SET AS YET)

AIPG NATIONAL COMMITTEES

AGI Governing Board Representative

James R. Dunn

Annual Meetings Committee

A. Wayne Wood, Chairman

Awards Committee

Adolf U. Honkala, Chairman

Consultants Committee

Russell G. Slayback, Chairman

Employment Survey Committee

Wallace B. Howe, Chairman

Environmental Geology Committee

Paul DuMontelle, Chairman

Ethics Committee

Rudolph K. Hoagberg, Chairman

External Appointments Committee

Raymond C. Robeck, Chairman

Headquarters Committee

Andrew G. Alpha

Jay G. Marks

John D. Pruitt

Historian

George W. White

Legal Action Committee

Fred L. Stead, Chairman

Legislative & Regulatory Committee

Russell Wayland, Chairman

William E. Cutcliffe, Vice Chairman

Membership Committee

Susan Landon, Chairman

National Research Council Representative

Larry L. Sloss

Nominating Committee

Edward E. Rue, Chairman

Inter-Society Advisory Group

M. O. Turner, Chairman

Professional Guides Committee

Bob Paschall, Chairman

Public Affairs Committee

Randall T. Chew, III, Chairman

Registration Alert Committee

William E. Cutcliffe, Chairman

APPLICATIONS RECEIVED

AHMED, Wazeer S.; Aurora, CO
 D. L. Rife; P. D. Maher; E. M. Warner, R. B. Turley;
 M. J. Wendell
 ANDERSON, Paul D.; Chicago, IL
 J. E. McNulty; K. J. Ginnard; C. C. Mathewson;
 C. G. Ball; N. E. Fields; C. R. Seeger
 BAUGH, Billy G.; Tulsa, OK
 C. C. Perry; S. W. Schoellhorn; C. Ferris; L. L.
 Fournier; A. V. Lakatos
 BEST, John M.; Venetia, PA
 R. Y. Haddad; S. L. Brooks; D. R. Kelly; R. G.
 Piotrowski; R. C. Thornburg
 CHILDERS, Leslie M.; Hanover Park, IL
 J. S. Straton; R. C. Beerbower; M. Fara; P. H. Evans;
 W. M. Balfour
 DANNEMILLER, Gary T.; Hartville, OH
 R. Corbett; A. Burford; G. Billman; E. Harris;
 R. G. Wiese
 DAYVAULT, John H.; Oklahoma City, OK
 V. J. Veroda; R. H. Espach; B. J. Mobley; R. P.
 Adams; R. L. Beasley; C. Lord
 DENNIS, Brant A.; Denver, CO
 D. Doehring; T. Kelly; A. Blackford; J. Ivey; J. W.
 Shomaker
 DISBROW, Alan E.; Casa Grande, AZ
 L. Halterman; A. Pincomb; D. C. Sargent; J. Petersen;
 R. Nakaoka
 ECKSTEIN, Yoram; Kent, OH
 A. H. Coogan; R. A. Heimlich; G. W. Frank; D. F.
 Palmer; L. H. Goldsmith
 ELLIS, William C.; Los Altos, CA
 A. A. Weymouth; S. H. Zuberi; R. Fielder; F. Conwell
 H. Sawyer
 FISCHER, Dennis W.; Colorado Springs, CO
 H. Osborne; D. B. Gould; L. T. Grose; W. A. Fischer;
 J. H. Lewis
 GAINES, Rodney G.; Madisonville, KY
 D. Haney; R. Lewis; L. E. Brandenburg; N. Hester;
 B. Dennis
 GARVIN, Robert F.; Golden, CO
 E. Armstrong; L. Beck; G. Curtis; D. Irwin; B.
 Tohill
 GLIDDEN, Peter R.; Houston, TX
 J. W. Craig; D. E. Duggan; R. R. Hillery; L. J.
 Broker; F. L. Stricklin, Jr.
 GOODMAN, Maria L.; Huntington Station, NY
 D. W. Miller; J. Isbister; N. Valkenburg; B. Yare;
 C. Rich
 GREB, Wayne S.; Amarillo, TX
 J. Shaughnessy; R. H. Butcher; M. L. Matheny;
 W. F. Goza; C. T. Hollenshead
 GREENWELL, Ray D.; New Orleans, LA
 J. P. Clark; J. C. Holmes; J. M. Crosbie; J. A.
 Mallory; C. E. Grieshaber
 LEE, L. Courtland; Glenn Dale, MD
 S. P. Hughes; R. G. Wayland; W. L. Fisher; A. F.
 Agnew; L. Godwin
 MAY, Robert D., Jr.; Roanoke, VA
 R. P. Bohman; M. G. Jaron; B. S. Whitlow; D. N.
 Hoffman; M. R. Gilbert
 MEADE, Lawrence E., Jr.; Norton, VA
 METCALFE, Susan J.; Tampa, FL
 M. Stewart; J. C. Miller; R. L. Westly; F. H. Crum;
 S. B. Upchurch
 NISPEROS, Arturo G.; Downers Grove, IL
 L. Dean; W. G. Dixon; P. B. DuMontelle; J. Bogner;
 A. S. Buangan

SCHEDULE OF EVENTS
17th Annual Meeting - Mobile, Alabama

Wednesday, September 24

REGISTRATION 12:00 noon - 5:00 p.m.
Advisory Board Meeting 8:30 a.m. - 12:00 noon
Executive Committee Meeting 1:30 p.m. - 5:00 p.m.
Ice-Breaker Cocktail Party 5:30 p.m. - 7:30 p.m.

Thursday, September 25

REGISTRATION 8:00 a.m. - 5:00 p.m.
SPOUSE HOSPITALITY 8:00 a.m. - 10:00 a.m.
Executive Committee Meeting 8:30 a.m. - 12:00 noon
Speaker Sessions 8:30 a.m. - 12:00 noon
Fashion Show (Spouse) 10:00 a.m. - 11:30 a.m.
Geologic Field Trip 12:00 noon - 5:00 p.m.
USS Alabama, USS Drum & Alabama State Docks
Tour 1:00 p.m. - 4:00 p.m.
Historic Old Mobile Tour 1:00 p.m. - 4:00 p.m.
Annual Banquet - Cocktails 6:30 p.m. Banquet
7:00 p.m. - 9:00 p.m.

Friday, September 26

SPOUSE HOSPITALITY 8:00 a.m. - 10:00 a.m.
Speaker Session 8:30 a.m. - 12:00 noon
Malbis Tour 9:30 a.m. - 12:30 p.m.
Geologic Field Trip - 12:30 p.m. - 5:00 p.m.
USS Alabama, USS Drum and Alabama State Docks
Tour 1:00 p.m. - 4:00 p.m.
Historic Old Mobile Tour 1:00 p.m. - 4:00 p.m.
Seafood Jubilee at Fort Conde' 7:00 p.m. - 9:00 p.m.

Saturday, September 27

Consultants Workshops 8:00 a.m. - 11:30 a.m.
Annual Business Meeting Luncheon 11:30 a.m. -
1:30 p.m.

(Continued from front page)

supportive way.

AIPG and ACSM agree therefore, in a spirit of mutual cooperation, and in the best interests of the general public,

to respect and not infringe upon each other's separate areas of professional expertise and endeavors, and

not to oppose pertinent policies, procedures, and positions of each other's organization which are consistent with the intent of these affirmations.

James R. Deann

President
AIPG

ER Brownell

President
ACSM

April 30, 1980

Date

April 16, 1980

Date

Applications Received (cont.)

PILLMORE, Donn M.; Blanding, UT
B. Watts; M. Faurote; C. Bailey; M. Mathisen; J. Andrus
SHEETS, Michael R.; Kemmerer, WY
D. L. Bayer; K. Nickerson; H. Olmstead; R. Winn; J. Worthington
SMART, Burton II; Lafayette, LA
P. Kemp; J. Raine; J. M. Forgotson; R. D. House; R. B. Siegert
WEEKS, Ralph E.; Tempe, AZ
R. W. Rush; P. Manera; J. Rominger; D. G. Metzger; D. B. Slemmons
WILSON, Edward N.; Lexington, KY
E. E. Rue; J. B. Patton; A. D. Williamson; P. M. Miles; L. R. Ponsetto; J. K. Vincent; H. K. Morgan
WOOLSEY, Leonard L.; Littleton, CO
W. Klett; B. Florquist; J. Rockaway; D. Barr; R. Heath; Wakefield Dort; P. Hilbelink

If any Member has any recommendations, positive or negative regarding the qualifications of any of the above applicants, please mail your comments to General Headquarters within 30 days. Your comments will be held confidential within the Executive Committee and Screening Board of the local Section.

NEW MEMBERS

CARLSON, William A. #4715; Lakewood, CO
COPELAND, Richard E. #4716; White Springs, FL
CURTIS, John Blair #4717; Powell, OH
GILLESPIE, J. D. #4718; Pueblo, CO
GOUGH, William R. #4719; Meadville, PA
HAHN, William F. #4720; Golden, CO
HANES, Vincent E. #4721; Dallas, TX
HEATH, Regan A. #4722; Wheat Ridge, CO
ISPHORDING, Wayne C. #4723; Mobile, AL
JENSKY, Wallace A., II #4724; Thousand Oaks, CA
KANTNER, David A. #4725; Marietta, OH
LAMB, George M. #4726; Mobile, AL
MEADOR, Lee I. #4727; Denver, CO
MINKEL, Michael J. #4728; Lakewood, CO
MORRISON, Bradford C. #4729; Englewood, CO
PARKS, Robert T. #4730; Lakeland, FL
PITZER, Phillip M. #4731; Breckenridge, TX
SCHWIND, Robert E. #4732; Naturita, CO
WHARTON, Ralph E. #4733; Lafayette, LA
WHITE, Donald C. #4734; Minneapolis, MN

Please take a moment and welcome these new members. If they are in your area, give them a call - if not, drop them a note. This can go a long way in helping to strengthen our organization.

WANTED!!

Wanted - Slides for use by AIPG's National Speakers Bureau. All facets of geology are needing visual aids. Slides will be copied and returned. Please send slides to: AIPG, P. O. Box 957, Golden, Colorado 80401. Please be sure to include your return address.

FOR
SECRETARY-TREASURER

RANDALL T. CHEW, CPGS 3575
Grand Junction, Colorado

Occidental College BA 1951
University of Arizona MS 1952

1952-56 U. S. Geological Survey, Geologist
1956-61 Northern Pacific Railway, Geology Department, Mining Geologist
1961-72 La Verne College, Associate Professor
1961-72 Consulting Geologist
1972-76 Occidental Oil Shale Corp., Director Geology/Environment
1976- Bendix Field Engineering Corp., Asst. Director, Geology Division

AIPG Public Affairs Committee 1976-78
AIPG Public Affairs Committee, Chm. 1979-80

RUSSELL G. SLAYBACK, CPGS 2305
Green Farms, Connecticut

Rensselaer Polytechnic Institute BS 1959

1960-74 Hydrogeologist & Senior Hydrogeologist, Leggette, Brashears & Graham
1975- Vice President & Director, Leggette, Brashears & Graham, Inc.

Northeast Section Executive Committee 1974-80
Northeast Section Vice President 1976
Northeast Section President 1977-78
National AIPG Advisory Board 1977-80
National AIPG Executive Committee 1980
National AIPG Registration Alert Comm. 1979-80
Chairman, National AIPG Consultants Committee 1979-80

FOR
EDITOR

RUSSELL R. DUTCHER, CPGS 1644
Carbondale, Illinois

University of Connecticut BA 1951
University of Massachusetts MS 1953
The Pennsylvania State University PhD 1960

1956-60 Research Assistant - Penn State
1960-63 Research Associate - Penn State
1963-66 Assistant Professor - Penn State
1966-70 Associate Professor - Penn State
1960-70 Assistant Director, Coal Research Section - Penn State
1970- Professor of Geology and Department Head, Southern Illinois University at Carbondale

Pennsylvania Section Executive Committee 1968-69
Editor and Member of National AIPG Executive Committee 1979-80

Ballots will be mailed from Headquarters the week of June 29, 1980 and must be received back at Headquarters no later than August 22, 1980 in order to be counted. Please be sure to vote and do your part to insure the best possible leadership for the Institute in the coming year.

"AIPG WASHINGTON REPORT
Legislative and Regulatory Activity Watch List

Compiled monthly by your Legislative and Regulatory Committee: Russ Wayland, Chairman, Washington, DC and AIPG Legislative Counsel, James U. Hamersley and Gail Leslie Fairman, Suite 1040, 1800 M Street NW, Washington, DC 20036 (202) 223-8200.

<u>Bill No./Sponsor</u>	<u>Description</u>	<u>Previous Action</u>	<u>Current Status</u>	<u>Comments</u>	<u>AIPG Position</u>
NEW LEGISLATION					
Amend. 1684 to S 1637 Bumpers (D-AR)	Mandatory competitive leasing system for all onshore oil and gas lands. 5 yr. lease terms. Quarterly public nominations and sales.	Administration requested submission of S 1637	5-8 Senate Energy Comm. approved Amend. as substitute for S1637 by vote of 9-8	Close vote means bill will have rough time on floor	AIPG opposes competitive leasing
HR 2743 Fuqua (D-FL)	Materials Policy Research Act -to provide a national policy for materials research & devel.	Passed House 12-3-79	Science Subcommittee (Senate Commerce) to hold hearings in June & July		
HR 2759 Studs (D-MA) * * *	Deep Seabed Mining Bills. Bills contain similar provisions but Bingham bill contains greater environmental controls	Two different versions of HR 2759 reported out of Merchant Marine & Int. Comms. Bill held in abeyance while Law of Sea Conference met.	Foreign Affairs Comm. reported out HR 2759 with the of HR 7137. Staffs of the various comms. to negotiate compromise. Results anticipated in about a month.		
HR 7137 Bingham (D-NY)	Deep Seabed Mining Act	Passed Senate 12-12-79	Awaiting House Action		
S 493 Melcher (D-CA)	Windfall Profits Tax \$222.7 billion tax. Revenues will finance tax cuts.	Passed Senate 12-79 Passed House 6-79	Signed into Law 4-2-80		
RARE II LEGISLATION					
S 2009 Church (D-ID)	Classifies as wilderness 2.3 million acres in central Idaho	Passed Senate 11-20-79 Passed House 4-16-80	Conference expected in early June	Conference likely to be troubled with controversial West Panther Creek area. Senate version designates the area as wilderness. House version would permit mining. Environmentalists oppose release provision and pressing for more wilderness acreage.	
S 2583 Domenici (R-NM)	New Mexico-designates 560,000 acres as wilderness. Contains release provision for areas not designated as wilderness		Parks Subcomm. (Senate Energy) hearings week of May 26		
S 2741 Armstrong (R-CO)	Colorado-designates 1.2 million acres of wilderness. Contains release provision	HR 5487 passed House 12-79 Designates 1.3 million acres as wilderness.	Parks Subcomm. (Senate Energy) hearings	Environmentalists oppose.	
S 2123 Hart (D-CO)	Colorado-classified as wilderness 1.5 million acres			Hart maintains that release language in legislative history provides sufficient protection for industry. A similar argument was accepted in the House Idaho debate.	

HEADQUARTERS CORNER
Stuart P. Hughes, Executive Director

I don't know about the rest of you, but I have been following the belchings of Mt. St. Helens in southern Washington with a great deal of interest. A real live volcano in the lower 48 states! Today's paper (5/13/80) is now reporting a better than 50% chance of lava flow, presumably from that bulge on the north flank of the mountain. All this time we catastrophe watchers have been eyeing the San Andreas fault. You never know where the next surprise is coming from!

The Texas Section, under its aggressive President, Sam Evans, has developed a formal structure for a Texas Section "Speakers Bureau". The activity will function under the Academic Liaison Committee to be established by revision of the State Section constitution and bylaws. Continuity in the committee will be provided by having 15 members with staggered terms. Headquarters would like to hear from other Sections that are working on developing speakers bureaus.

The National Speakers Bureau is making progress. The names of potential speakers are being collected, but not all have been contacted. A formal proposal will be presented to the Executive Committee in July and discussed at the workshop at the Annual Meeting in September.

Ruth Anna, AIPG's Public Relations consultant for the Washington Congressional Reception has been retained part-time for the remainder of the year. One of Ruth's unique qualifications is the fact that she's married to a geologist and AIPG member (Larry Anna) who long ago convinced her of the superior qualities it takes to be a geologist.

Headquarters received a notice of the California Desert Conservation Area draft Environmental Impact Statement. (See the item in the April, 1980 TPG by L. M. Mohorich). We requested sufficient additional copies to distribute to the AIPG Environmental Geology Committee, chaired by Paul B. DuMontelle for comment. The comments to be sent directly to the Bureau of Land Management. While geologists provided information to the study it is interesting to note there was not one geologist on the team that had lead responsibility for assessment of environmental impacts, yet there were two soil scientists and two botanists on the team.

Under the prodding of John Rold, I massaged some simple membership figures from the 1980 Membership Directory. It seems that a Section will remain viable only if it had 20 or more members. The only exception to this is Oregon which has 18 members. The Bylaws only require 10 members to establish a Section. Other factors which seem to influence the strength of Sections is the degree of concentration of geologists in one locality. The greater the concentration, the greater the strength of the Section. Another factor seems to be the value of geologic resources to the area encompassed in the Section. Energy production in several states and geologic hazards in California seem to strengthen AIPG Sections. Important for a strong Section is the presence of one person or a small group to be the driving force. This last item cannot be over-emphasized. Interestingly enough, Alaska, Maryland, North Carolina and Washington all have over 20 AIPG members.

A last item on membership statistics, the word processor came up with the following distribution of AIPG membership according to sources of employment:

Government (Federal, State, Local)	374 members
Consultant	1,165 members
Retired	139 members
Academic	220 members
Corporation	1,589 members
Independent	205 members

An interesting comparison would be the distribution of all geologists in the U. S. according to the source of employment. Anybody got those figures?

SECTION NEWS

New Mexico Section

The New Mexico Section officers for this year are Lee Halterman, President; Don Sargent, Vice President; and Rusty Riese, Secretary-Treasurer. The Section is presently organizing a mailing to the Section members to solicit input on the following items: A Section Speakers Bureau; a Section annual or bi-annual meeting; and a Section newsletter.

Pennsylvania Section

House Bill 1375 for Certification of Geologists in Pennsylvania was passed by the House in early February by a vote of 124 to 54. Once again the Section has gone past a major hurdle - getting House approval. The previous time, unfortunately, was at the tail end of the session and it was too late for the Senate to act on it. So the bill has now moved over to the Senate. In the Senate the Section had a similar bill introduced a year and one half ago and it has been in committee until the House took action.

Last fall at the Section's Annual Meeting in Harrisburg, the officers were re-elected for another year. Before the meeting the members toured the Three Mile Island facility. Metropolitan Edison permits between 25 and 30 people per day on a supervised tour of the facility. The tour was certainly an eye-opener for all the members. No one left Three Mile Island without being aware of the complex and sophisticated system that has been built and operated. All the members gained a better understanding of the frailty of man and the necessity for conscientious, competent, and responsible maintenance and operation in such a complex system. The speaker at the annual meeting after touring Three Mile Island was a representative of the NRC. He explained the NRC's reaction to the TMI incident and their responses to the incident. It is obvious that TMI has produced major soul-searching on the part of the utilities and the NRC which will be beneficial to everyone in ensuring that future incidents do not occur.

NEW APPLICATION FORMS

Headquarters has been receiving applications for membership on out-of-date application forms. Please note that if you have application forms stating the initial dues and processing fee as \$35.00, please revise the form to read \$70.00 and also three (3) of the five (5) sponsors must be members of the Institute. Your help in this matter will be greatly appreciated.

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THE PROFESSIONAL GEOLOGIST

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EXECUTIVE SECRETARY RESIGNS

A staunch supporter of AIPG, and our hard working Executive Secretary, Deborah L. Dare, has tendered her resignation to become effective after the Annual Meeting in September. Ms. Dare performed the day-to-day duties and responsibilities of AIPG National Headquarters for over a year between the resignation of Arthur F. Brunton, past Executive Director and the February, 1980 hiring of our new Executive Director. Ms. Dare has many friends in AIPG who will sorely miss her cheerful, outgoing personality and her devoted attention to the needs of the Institute.

LAPEL PINS AND DECALS AVAILABLE

AIPG Decals and Lapel Pins are available from Headquarters. Lapel pins are available in gold for \$12.00 and brass for \$5.00 and decals are 45¢ each or 3 for \$1.35. Order from Headquarters, P. O. Box 957, Golden, CO 80401. Send check with order.

APPOINTMENTS GEOLOGISTS CAN FILL

The AIPG External Appointments Committee is trying to assist Federal and various State officials fill vacancies in their departments. At this time there are the following vacancies:

1. Director - U. S. Bureau of Mines - Presidential Appointment
2. U. S. Bureau of Mines - Supv. Foreign Minerals Spec. - GS 15 - Washington, DC - Notice 80-107
3. U. S. Geological Survey - Supv. Physical Scientist - GS-15 - Reston, VA Notice 80-135.
4. U. S. Geological Survey - Supv. Geologist; Geophysicist; Chemist - Golden, CO Notice 80-150

AIPG now receives a weekly listing of nearly all Federal vacancies. The above listings are for GS-15 or higher only.

If you are interested in any position or know of other vacancies, please contact Ray Robeck, Chairman of the External Appointments Committee (303) 233-4748.

THE PROFESSIONAL GEOLOGIST An Official Publication of the American Institute of Professional Geologists

JAMES R. DUNN, President
WILLIAM A. NEWTON, Vice President
J. W. EGGERS, Secretary-Treasurer
RUSSELL R. DUTCHER, Editor
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RUSSELL G. SLAYBACK, Advisory Board Representative
GROVER E. MURRAY, AGI Representative
DORIS M. CURTIS, AGI Representative
M. O. TURNER, Policy Board Chairman

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20 Wedge Way, Littleton, CO 80123
P. O. Box 2827, Baton Rouge, LA 70821
Dept. of Geology, SIU, Carbondale, IL 62901
1313 Sherman, Room 715, Denver, CO 80203
IL State Geological Survey, Urbana, IL 61801
P. O. Box 2319, Jacksonville, FL 32202
Dept. of Geology, P O Box 1945, University, AL 35486
72 Danbury Road, Wilton, CT 06897
4609 - 10th Street, Lubbock, TX 79416
16730 Hedgecroft, Ste. 306, Houston, TX 77060
2113 Alamo National Building, San Antonio, TX 78205