sites in Palm Beach County. One of the sites under consideration is the property formerly discussed in connection with the agreement between the PGA and Voight Development Corp. The other four sites were not named, but the selection was to be made within 120 days (by about April 1, 1977).

The Ecclestone agreement appears to be about the same as the one the PGA had with Voight, who could not fulfill his part and had to drop out of the project. Under the agreement with Ecclestone, the PGA will own an estimated 625 acres on which it will build its headquarters office. The developer will build the other facilities — three golf courses, clubhouse, PGA Hall of Fame, library, museum, education center, hotel, and a convention center expected to be large enough to house the annual PGA Merchandise Show — on land leased from the PGA. Pending approval of zoning and other legal matters, construction should start within a year and, it is hoped, will be completed in time for the PGA's winter tournament and merchandise show in January 1980.

It is expected that a community of from 2500 to 3000 or more acres will develop around the PGA headquarters complex.

New PGA class for the uncertified

Officials and delegates of the Professional Golfers' Association gathered at their annual business meeting from Friday, November 19, through Tuesday, November 23 — a departure from previous midweek meetings in order to boost attendance. Virtually all of the 80 delegates' and 24 executives' seats were filled for the meeting, which was highlighted by the announcement of a new agreement to build a new PGA headquarters complex (see accompanying article).

Other than that announcement, the most outstanding moments of the meeting were provided by the discussion and voting on a resolution to create a new classification for PGA members who fail to meet recertification requirements within the specified time period. Designated Class "F," the classification would mean loss of Class "A" professional privileges even while paying full dues. The idea behind Class "F" is to provide a punitive measure for delinquent members without forcing them out of the association. It passed by an 87-10 margin.

Several other resolutions were discussed heatedly during Friday's informal meeting, which was smoothly conducted by Temporary Chairman Howard Smith of the Southern California Section. One was a dues increase (up to $75 from $55 for Class "A" pros), which ultimately passed, but with opposition recorded. Several delegates were heard asking, "Why say we need more money, when many delegates fly first class instead of coach?" (The association pays delegates' travel expenses.)

Another closely debated resolution sought to protect the "legitimate apprentice and qualified professional" from unfair competition.

The Breakers Hotel was the site of the 60th annual meeting of the PGA of America—the first time the business meeting had been held in the association's Palm Beach home area since 1971.

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tion for jobs from retired military, postal, and government employees and other amateur golfers. It was pointed out that there are currently 4500 apprentices in the PGA education program, and about 1100 of them are head pros. The resolution failed by a 34-66 vote.

Highlight of the meeting for Donald Padgett, Frank Cardi, and Joe Black was probably their election as the new president, secretary, and treasurer respectively. Padgett, last year's secretary, and Cardi, past treasurer, ran unopposed. Black, who is a member of the GOLF BUSINESS editorial advisory board, ran against three other pros for his post.

Outgoing president Henry C. Poe was honored at the President's Annual Dinner held Saturday evening. Poe in turn presented the Herb Graffis Trophy to the Michigan Section, leader in National Golf Day proceeds. Also honored at the dinner ceremonies were Ron Letellier, professional of the year; Jack Nicklaus, player of the year; and James Bailey, recipient of the Horton Smith Award for "devotion and service to the educational programs of the PGA."

**Sports associations' building dedicated**

The new Florida home of the National Golf Foundation, Sporting Goods Manufacturers Association, Tennis Foundation of North America, and The Athletic Institute was formally named the Sports Associations Building at a dedication ceremony November 19.

After opening remarks by SGMA President Howard J. Bruns of Victor Comptometer Corp., PGA Executive Director Mark Cox welcomed his association's new neighbors to the Palm Beach area and NGF President Paul MacDonald of Dunlop pointed out that it was natural only for the NGF to make Florida its permanent home since "golf may be Florida's biggest sales motivation factor. The state has used it to sell just about everything over the years, but especially real estate."

Among the guests of honor was Herb Graffis, co-founder and former editor of this magazine. MacDonald related the story of how, during the depths of the Depression half a century ago, Herb and brother Joe induced four sportswriting goods manufacturers to put up the then-grand total of $10,000 to start the National Golf Foundation to promote the sport.

The ceremony continued with remarks on the history and thrust of their organizations by officials of The Athletic Institute, TFNA, and SGMA, followed by a cocktail party and tours of the new facilities. The offices, and even the storage areas, are clean and modern and well-organized. And who in Chicago ever had a channel from the Atlantic Ocean in their back yard?

The new address for the four organizations is now: 200 Castlewood Rd., North Palm Beach, FL 33408.

**GOVERNMENT REGULATION**

**EPA, mercury firms restore registration**

Seeing the reality of the mercury problem and the fact there truly was no substitute for the substance, the Environmental Protection Agency has caved in to legal pressures and restored mercury for use in certain golf course products.

O. M. Scott & Sons Co., Troy Chemical Corp., W. A. Cleary Corp. and Mallinckrodt, Inc., were the firms involved in the lawsuit challenging EPA cancellation of their products in February.

EPA had ordered a halt to use of the chemical based on the charge that human nervous system disorders were possibly caused by contact with mercury products. Russell Train, EPA administrator, was quoted on the settlement as saying, "This provides a certain end point of this lengthy and costly litigation and is in the public interest."

Manufacturers involved in the settlement have agreed to limit further manufacture of products to treat summer turf diseases. The limitation allows no more than the equivalent of two years previous production, which would amount to no less than 50,000 pounds of pesticides all told.

Winter disease control was reinstated under certain restrictions. Such products are limited to professional golf courses, superintendents or persons under their direct supervision. Such products may only be applied to greens, tees, and aprons, but not within 25 feet of water bodies containing fish that may be eaten by people.

Train noted this effort would decrease the possibility of human exposure to unsafe amounts of the pesticide.

The settlement brought a close to the latest chapter of the EPA's involvement with the golf business. EPA issued a notice to cancel all registrations of pesticides containing mercury on March 22, 1972. Hearings on the issue began October 1, 1972, ending on November 15, 1975. An administrative judge ruled mercury pesticides pose no risk.

Indications from manufacturers are that no shortages should occur with the winter products, even though there were questions on production when the EPA ban put a cloud over the industry. Mark Alvey, turf products manager for Mallinckrodt, told GOLF BUSINESS the only inconvenience his company's customers might have a slight delay in delivery.

**CLUBS & TAXES**

**Greenbelt moving in Massachusetts**

Hoping to ease the growing pressure real estate taxes are putting on courses and clubs in Massachusetts, the state golf association there has been waging a battle to get greenbelt legislation before the people.

Earlier this year, House Bill No. 614 was presented to the joint committee on taxation in the Massachusetts legislature and was passed. In 1977, the committee will look at the bill again. If it again decides favorably, which it must in order for such bills to clear the legislature for a voting referendum, the bill will go before a constitutional convention in the state house. If the bill gets two-thirds of the votes there, it will probably make the ballot in Massachusetts in the fall.

According to Richard Haskell, executive director for the Massachusetts Golf Association, the bill is not slanted for just private country clubs or public golf courses. "This is a full-service recreation bill, based on land use. It is a long-term project, but this is a first step," Haskell told GOLF BUSINESS.
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CLUBS & COURSES

Golf club new, but needs addition

Pete Dye, Mother Nature, and 400 years of American history have worked together to create an outstanding new golf club at Kingsmill on the James, a 2,900-acre resort/residential community under development near Williamsburg, Va.

Dye, one of the country’s most innovative golf course architects, has sculpted the 6,900-yard par 71 Kingsmill course with obvious reverence for the site’s abundant nature, wildlife, and heritage. In so doing, he has preserved both the terrain and the legacy.

The first English to land in America actually put in near what is now the 17th hole at Kingsmill. Needing a port with more protection, however, they later sailed a few miles up the James River and founded Jamestown, the first settlement in the New World.

Entranced by the wildlife, dense woods, ponds, rolling terrain, and river frontage of the first site, several of the settlers stayed on and built some of the nation’s first great plantations. Many of the remains of their original dwellings and landmarks have been excavated by archaeologists with the Virginia Historic Landmarks Commission, working under a grant from Busch Properties, Inc., the Anheuser-Busch subsidiary that is developing the Kingsmill community. Many of the historic sites have been preserved and the most significant artifacts discovered are on public display.

One of the concessions to high handicaps, though. The Kingsmill course is “among the ten best courses in the country right now,” according to resident pro Al Burns. “After it matures for a couple of years, it will be among the best five or six best.”

Burns elaborated, “This course is all carry. There is no such thing as running or bouncing the ball onto a green. The greens are so high and well guarded you have to fly the ball home, or else.”

The golf course threads through the midst of the Kingsmill development. A number of holes weave around the community’s charming neighborhoods of cluster homes, townhouses, and private residences.

Architect’s rendering above shows the expansion of the Kingsmill clubhouse. Photo taken on the front nine illustrates the proximity of the golf course to the development’s residences.

PGA’s Deane Beman and former tour player Gardner Dickinson check out redesigned Sawgrass course where 1977 TPC will be held.

Sawgrass remodeling complete for TPC

A dramatic facelift was accomplished last year at Sawgrass as the Jacksonville, Fla., course was remodeled to impose a better challenge for Tournament Players Division athletes in March, when the touring pros hold their championship there.

In a six-week project, new tees were constructed, mounds in the fairway landing areas were removed, bunkers were altered, and a number of greens were recontoured. New sand was placed in the bunkers and the entire course was replanted.

PGA Tour Commissioner Deane Beman was impressed with the remodeling effort and commented, “I’m extremely proud of Sawgrass as it now exists. Both the new design work and the construction job are outstanding.”

Former tour player Gardner Dickinson was in charge of the redesign of the seaside course and Beman agreed the playability of Sawgrass had been much improved. “We’ve tried to make the holes fit the greens and the greens fit the holes,” said Dickinson.

Allan MacCurrah, PGA Tour agronomist, probably spent the most day-to-day time on the project. The fairways have been sprigged with bermuda and the greens planted with Tifdwarf.
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<td>YES. We've removed weight in all the right places. The Legend-shafted clubs* are a total concept involving removal of weight from both head and grip, as well as the shaft. Yet, swingweight has been kept constant. In fact, our Legend-shafted clubs are 7 to 10% lighter than our lightweight Apex-shafted clubs.</td>
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<td>LOW MOMENT OF INERTIA</td>
<td>YES. This means easy swinging for less-tiring play. A measure of the effort needed to swing a club is called the &quot;moment of inertia.&quot; The lower the &quot;moment,&quot; the easier a club is to swing. The reduced weight of the Hogan Legend-shafted clubs is distributed so it lowers the &quot;moment,&quot; making Legend easier to swing. This means your customers can play stronger, clear through the back-nine. Conventional steel can't make this claim. Neither can graphite.</td>
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<td>LOW BALANCE POINTS</td>
<td>YES. With Legend, your customers will feel the difference...because we've improved our balance. By moving the balance point closer to the club head than ever before, we have increased club head feel.</td>
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<td>MORE &quot;FEEL&quot;</td>
<td>YES. Balance plus steel equals &quot;feel.&quot; A steel shaft, like Legend, transmits the impulses from the club head to the hands very efficiently, giving your customers greater &quot;feel&quot; of their shots. Graphite shafts, on the other hand, dampen these impulses, providing reduced feel.</td>
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<td>HIGH TORSIONAL STIFFNESS</td>
<td>YES. Legend helps keep your customers' game under control. Our clubs are engineered with the torsional stiffness of steel for less club head deflection at impact...and shot control. Something graphite just can't promise. In fact, with Legend, your customers may be able to use a stiffer shaft...which can improve their accuracy. You might want to suggest this.</td>
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<td>STRENGTH</td>
<td>YES. A strong reason for your customers to play Legend. Legend-shafted clubs give your customers the strength of steel. So, unlike graphite, they won't have to worry about shaft breakage under pressure. Our tests show that Legend passed strength tests by substantial margins.</td>
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<td>YES. Lightness means greater club head speed for more distance. Legend's lower weight and lower &quot;moment of inertia&quot; produce increased club head speed. The result is increased distance.</td>
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JANUARY
14-17—PGA educational workshop, golf shop design, display and merchandising, Orlando, Fla.
15-17—Texas Lone Star CMAA state meeting, Midland Hilton.
16-19—PGA educational workshop, job arrangements, negotiations and human relations, Los Angeles.
17—NRA educational seminar, meat, fish and poultry workshop, Doubletree Inn, Seattle.
17-19—Southern Turfgrass Conference & Show, Cock Convention Center, Memphis.
19—NRA educational seminar, meat, fish and poultry, Hospitality Motor Inn (I-74), Cincinnati.
22-25—24th PGA Golf Merchandise Show, Contemporary Hotel, Disney World, Orlando, Fla.
24-25—NRA/American Dietetic Association management workshop, Chicago.
25-28—Wy-Mont GCSA Pesticide Seminar & Exam, Casper (Wyo.) College.
26-27—Wisconsin Turf Conference, Equipment Show & Service Clinic, Elm Grove.
28—20th USGA Green Section Educational Conference, Hyatt Regency, Atlanta.
29—83rd USGA annual meeting, Hyatt Regency, Atlanta.
31-Feb. 3—PGA education workshop, job arrangements, negotiations and human relations, plus rules and tournament management, Orlando, Fla.

FEBRUARY
6-9—PGA educational workshop, teaching and playing, San Diego.
6-11—PGA Business School I, St. Louis.
6-12—48th GCSAA International Turfgrass Conference & Show, Memorial Coliseum Complex, Portland.
7-9—NRA educational seminar, bar management, Chicago.
20-24—PGA educational seminar, general club and course management, Atlanta.
20-25—American Society of Golf Course Architects 31st annual meeting, Hilton Head, S.C.
27-Mar. 2—PGA educational workshop, rules and tournament management, Biloxi, Miss.
27-Mar. 4—PGA Business School II, Myrtle Beach, S.C.

MARCH
6-9—PGA educational workshop, club repair and custom fitting (Basic I), Indianapolis./PGA educational workshop, rules and tournament management, Baltimore.
9-12—PGA educational workshop, club repair and custom fitting (Basic II), Indianapolis.
13-16—43rd Iowa Turfgrass Conference, Waterloo Ramada Inn.
13-17—PGA educational seminar, general club and course management, Dallas.
13-18—PGA Business School II, Cranford, N.J.
14-16—Canadian GCSA 28th Canadian Turfgrass Show, Calgary Inn.
20-23—PGA educational seminar, rules and tournament management, Los Angeles.
27-30—PGA educational workshop, teaching and playing, Little Rock, Ark.
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People on the move

Tom Sursely is pro at Mill Creek CC, Alderwood Manor, Wash. . . . Jim Glenn is superintendent at Sunrise CC, Rancho Mirage, Calif. . . . club manager at Sugar Creek CC, Sugarland, Tex., is John Williams . . . Kenwood G&CC, Bethesda, Md., has hired Wade King as its new club professional . . . George Johnson is course superintendent at Huntington Hills CC, Spartanburg, S.C. . . . several staff changes, promotions and dealer announcements have recently been made by the Toro Co., Minneapolis. Charles T. Willey has been named director of sales, Turf Products. William F. Thole is the Irrigation division’s new director of planning and controls at Toro’s Riverside, Cal., plant, while A. D. DeGidio has been promoted to director of operations and Daniel E. Clawson has been appointed director of marketing. Dealer announcements made concern the Barteldes Co., Denver, as chief distributor of turf and irrigation products in that Rocky Mountain area. Tri State Toro, Davenport, la., has announced the addition of two to its staff — Hugh A. Stafford has been named vice president and Michael L. Hildebrand is now irrigation manager. In another public relations related announcement from Toro, Mrs. Aniola Goldthwaite, president of the Goldthwaite’s of Texas, was named Mrs. Toro. The award is presented to one of Toro’s 62 U.S. distributors for the best all-around performance in sales, marketing, management and business ethics . . . FN Sports (U.S.A.) Inc., which manufactures the new Browning golf equipment, has appointed Jack Savage as national sales manager and executive vice president. Savage had been president of sales at ProGroup, Inc., Chattanooga, Tenn. . . . Bob Wimmer is now head golf professional at Aquia Harbour G&CC, Stafford, Va. . . . superintendent at Lake Tansi Village GC, Crossville, Tenn. is Dennis Christiansen . . . Albert Sartafi has taken over as club manager at Oakland Hills CC, Birmingham, Mich. . . . the Graymere Club, Columbia, Tenn., has appointed Jim Bradburn as its superintendent . . . Augie Swarat has become club professional at Grey Rock CC, Fort Mill, S.C. . . . Stanley Hrovatin is club manager at Lake Shore CC, Glencoe, III. . . . Ron Aleks is club professional at Boca Raton (Fla.) CC . . . Emil Piluso has taken over as club manager at Useless Bay CC, Langley, Wash. . . . Murrieta Resort, Hot Springs, Ga., has named Joe Karpiak as its club professional . . . Vincent Maxwell is new club manager at Jefferson Lakeside CC, Richmond, Va. . . . Rainbird Irrigation, Glendora, Calif., has recently made several announcements concerning appointments, promotions and new turf distributors. In the home office, turf market manager is now Bud Terry. Richard Halverstadt is eastern district manager in charge of the territory including Virginia, North Carolina, South Carolina, Tennessee, Alabama, Mississippi and Louisiana. Southern California district manager is Ed Shoemaker, while Ken Mills is southwest district manager, working out of the Dallas office. Bruce Smith has been named western district manager and Dick Kneip is upper midwest district manager. In another move, Larry Ethridge will work throughout the nation to establish a better liaison with golf course architects and irrigation contractors. In distributor arrangements, Irrigation Supply, Inc., Bakersfield, Calif., has the franchise in that area, while the Polson Co., Seattle, will handle sales in the state of Washington and parts of Idaho and Montana. Irrigation Sprinkler & Turf Co., Albuquerque, has the franchise in New Mexico with Western Industrial Supply, Amarillo, Tex., handling the Texas Panhandle market and Central States Turf Equipment & Supply Co., Des Moines, la., in charge in the western half of that state . . . new officers have been elected for the San Diego GCSA. Jim Bertioli, La Jolla (Cal.) CC is new president . . . David Fleming, Singing Hills CC, El Cajon, is vice president and David Jones, San Diego CC, is secretary-treasurer . . . board members for the term include Jerry Palmer, Oceanside (Cal.) Muni GC . . . Ralph Mees, Sea “N” Air GC, North Island . . . Edward Mena, Rancho Bernardo (Cal.) CC and Jose Canedo, Carlton Oaks (Cal.) CC . . . P. Barry Jones has appointed vice president of resort operations for the Princeville Corp., Hanalei, Hawaii. Jones will handle all facets of operation including the development’s condominium rentals, clubhouse, food and beverage and 27-hole golf facility . . . Gary Feldman is the professional at Tates Creek GC, Lexington, Ky. . . . Joseph Domenic is club manager at Tropicana CC, Las Vegas . . . Jim Owen has taken over as head golf pro at Big Springs CC, Louisville . . . Angel Ros is manager at Brownsville (Tex.) CC . . . Owner-pro at South Haven (Mich.) GC is Jeff Voss . . . Willow Knolls CC, Peoria, Ill., has club manager Raymond Johnson at its helm.