

From Washington

food use, 100,500 tons for seed, 128,750 tons for crushing residual and 25,750 tons for shrinkage.

USDA's 1986 poundage quota for peanuts had been 1,355,500 tons based on a different estimating procedure. Had the revised procedure been used, that quota would have been 1,285,227 tons, USDA noted. Details: *Federal Register*, Nov. 20, 1986, pp. 41990-41991.

FDA lists three colors

The U.S. Food and Drug Administration (FDA) has permanently listed FD&C Yellow 6 and D&C Reds 8 and 9 as color additives. Yellow 6 was approved for use generally in food, drugs and cosmetics, while Reds 8 and 9 were approved for use in ingested drug and cosmetic lip products, and in externally applied drugs and cosmetics.

The final rule for Yellow 6 requires label declaration of the color due to evidence that some

individuals may have allergic-type reactions to it. The labeling requirement went into effect Nov. 19, 1986. Details: *Federal Register*, Nov. 19, 1986, pp. 41765-41783.

In the final rule for Reds 8 and 9, the agency also stipulated that D&C lakes from the two color additives be made only from previously certified batches. FDA said neither color is to be added to mouthwash, dentifrices and ingested drugs, except ingested drug lip products, after Jan. 5, 1987.

In related action, FDA postponed the provisional listing of all three color additives until Feb. 3, 1987, to provide time to receive and evaluate any objections to their permanent listing. Details: *Federal Register*, Dec. 5, 1986, pp. 43877-43900.

EPA clears LEAR oil use

The U.S. Environmental Protection Agency (EPA) has ruled that low

erucic acid rapeseed (LEAR) oil be exempted from tolerance requirements when used as a surfactant in pesticides applied to growing crops.

In addition, EPA exempted oleic acid from tolerance requirements when it is used as a defoaming agent in pesticides applied to animals. Details: *Federal Register*, Dec. 10, 1986, pp. 44467-44468.

USDA promotes U.S. chocolate

The U.S. Department of Agriculture has allocated a \$2.5-million export promotion program for U.S. chocolate and chocolate confectionery in Japan, Korea, Taiwan and the European Economic Community.

Assisting USDA in implementing the program will be the Chocolate Manufacturers Association. Funds for the program to promote consumption of U.S. chocolate and confectionery products were authorized under the Food Security Act of 1985.

Inside AOCS

Foundation begins fund drive

The AOCS Foundation this month kicks off its fund-raising campaign to help finance construction of the society's new headquarters.

Theme for the effort is "Building for the Future." The goal is to raise \$400,000.

Past president John Cowan, who mailed in a check in early December, is the first contributor to the project.

The campaign, which officially begins Feb. 18, will include requests to individual members and to industry groups served by the society. For its campaign, the Foundation has outlined a number of suggested levels of contributions. These include the following:

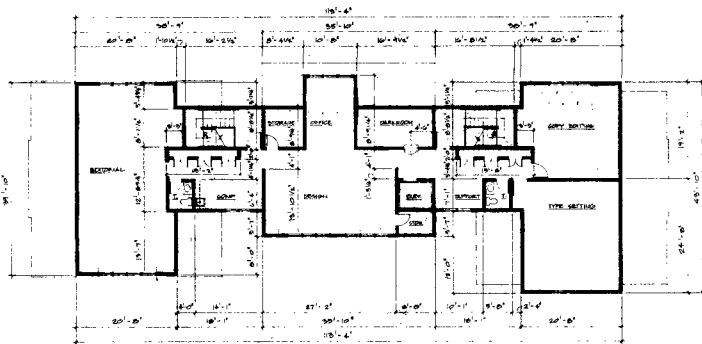
- **Foundation Donor Council**, for individuals and corporations—a minimum contribution of \$25,000. Five rooms are available to bear

the name of a donor (the board room, library, two conference rooms and executive director's office). The room chosen will depend on the order or size of the donation. Other benefits include those listed for lesser levels of giving.

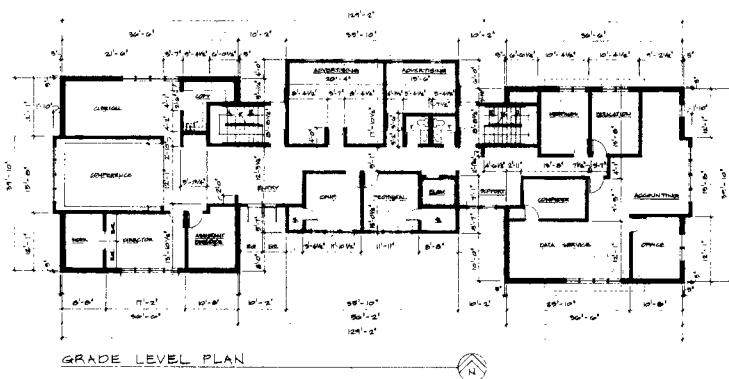
- **Governing Board Council**, for individuals and corporations—\$10,000 minimum. For personal donations, recognition will include a plaque with picture in the headquarters' lobby, a personal plaque with picture, and an invitation to a special annual meeting event. Corporate recognition will include one black-and-white page of advertising in *JAOCS*, one black-and-white page of advertising in a special dedication publication, listing as a co-sponsor of the dedication activity and a

plaque in the lobby.

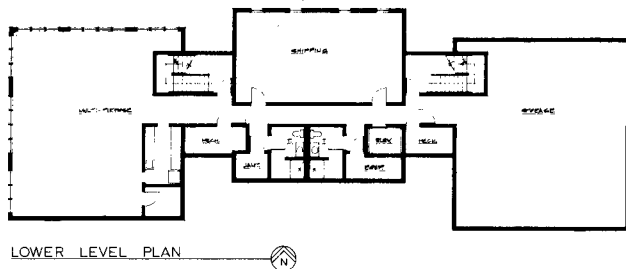
- **Major Benefactors**, for individuals and corporations—\$5,000 minimum. For personal donations, recognition will include a plaque in the lobby and a personal plaque. Corporate recognition will include a half-page of black-and-white advertising in *JAOCS*, half-page of black-and-white advertising in the dedication publication and a plaque listing in the lobby.
- **Benefactors**, for individuals and corporations—\$1,000 minimum. Personal recognition will include a plaque listing in the lobby and a personal plaque. Corporate recognition will include a listing in *JAOCS*.
- **Sponsors**, for individuals and corporations—\$500 minimum. Personal recognition will include



UPPER LEVEL PLAN



GRADE LEVEL PLAN



LOWER LEVEL PLAN

Floor plans

The new building under construction will consist of two and a half stories, with the front facing south. The lower level (bottom floor plan) will house inventory and warehousing, shipping and mailing, and a 1,400-square-foot multi-purpose room. The main level (middle diagram) will include a south side entry leading to the reception area. To the west will be a conference room/library and the offices of the executive director, the manager of administrative services, and support services. To the east will be offices for the technical director, advertising/marketing department, meetings manager, education director and data services/accounting department as well as space for support personnel. Two stairwells and an elevator will be provided. The upper level (top diagram) will include production functions, with space for copy editing, typesetting, design and a darkroom, as well as the editorial department, support services and a small conference area.

a plaque listing in the lobby and a certificate. Corporate recognition will be a listing in *JAOCS*.

- **Donors**, for individuals and corporations—\$100 minimum. Personal and corporate recognition will be a certificate.
- **Contributors**, for individuals and corporations—under \$100. All gifts will be acknowledged. Individuals who give \$25 or more will be mentioned in *JAOCS* as well.

According to Foundation chairman Robert Hastert, AOCS will accept personal pledges above \$1,000 on a payment plan, with a minimum of 10% or \$250, whichever is greater, paid per year over a 10-year period; for corporate pledges, a five-year, 20% minimum, payment plan is possible.

The Foundation hopes to complete the fund drive by the annual meeting in New Orleans in May and to hold a celebration at that time. According to Hastert, the Foundation plans to set up an event, perhaps a dinner, that will be held each year at the annual meeting to give continued recognition to any individuals who pledge \$5,000 or more to the project. Foundation member Ed Campbell is chairing a committee to slate other activities at the New Orleans meeting related to the campaign.

The official dedication of the new headquarters is slated for Saturday, Oct. 24, 1987. There also will be a celebration at that time.

The AOCS Governing Board last September approved the concept for a new headquarters building in Champaign. Construction began in November. The AOCS staff is currently using rented space in downtown Champaign for temporary headquarters until the new facility is completed.

Why the move?

In an attempt to answer members' questions concerning AOCS' project to construct a new headquarters in Champaign, Illinois, *JAOCS* conducted the following interview with AOCS Executive Director Jim Lyon.

Q. Why is the new building neces-

sary? Why the sudden move?

Lyon: In the society's former building, we were rapidly running out of space. There just was very little room for growth. We considered a number of options, including renting other space, buying another facility, adding on to the old space or building a new headquarters.

We only owned a lease on the old building and this lease really had no value to borrow on. The only market for the lease was the University of Illinois or some other not-for-profit organization. So when the University of Illinois expressed interest in buying our lease, we had the opportunity to act. Need and opportunity are really the reasons we are building now. As far as it being a sudden move, the offer from the university wasn't going to stay with us for ever and ever. This was just a logical time.

Q. How much is it going to cost?

Lyon: As a turnkey project, including moving in and beginning operations, it will cost around a million dollars. This includes the purchase of the land, all construction costs, professional fees, moving expenses, landscaping and an allowance for updating some of the equipment and furnishings. This, broken down, is approximately \$670,000 for construction, \$185,000 for the property, \$25,000 for landscaping, \$55,000 for professional fees, \$40,000 for equipment updates and furnishings, and the remainder for moving costs.

Q. How is it going to be financed?

Lyon: Approximately half of the money—\$450,000—has come from the sale of our former headquarters. In addition, the Governing Board for the past few years has been setting aside money for a building contingency fund. Depending upon when we move into the new building, those reserves could total approximately \$150,000. The AOCSS Foundation hopes to raise as much of the remainder as possible through donations from members, industry and AOCSS staff.

Q. Are members going to see increased fees as a result, for instance, in higher membership dues or in higher meeting fees?



The new AOCSS headquarters site, as it appeared Jan. 5, 1987.



Lyon: If we raise membership or meetings fees in the future, it will not be because of the new building. Instead, it will be because publications and meetings are not paying a fair share of the operations. Dues, incidentally, currently cover only slightly more than the cost of printing and distributing the news and technical material in *JAOCSS*. Costs for advertising are extra. Meetings are budgeted to return some money to cover overhead at a conservatively realistic attendance level.

Q. How much space will the new building provide? How does this compare to the space we had previously?

Lyon: In the old building, we had just under 7,000 square feet, of which usable space totalled slightly under 5,000 square feet. The new building will have approximately

12,500 square feet and a usable net of about 10,000 square feet. The other building was not expandable, except to build up. With this new structure, we have adequate land to expand to 20,000 square feet on one level while maintaining adequate parking under quite restrictive code requirements.

Q. Why do we need so much more space? What will AOCSS be able to do in the new building that it couldn't before?

Lyon: The Governing Board has planned expansion of AOCSS programs for the next five to 10 years. Included would be educational activities, such as more and better-organized short courses, more research conferences and symposia, and perhaps such things as video cassette operations and teleconferences. We will probably add a

director of education when space allows to develop these activities. We already are expanding our monograph program, which creates a need to add storage space. In our old building, we devoted about 1,500–1,700 square feet of storage for back copies of journals and books. On the lower level in the new building, we will have approximately 3,800–4,000 square feet for shipping, mailing and inventory operations. Our publications activities, if expanded, will require a lot of space. We are considering various changes in our periodical program; we have added an international newsletter on fats and oils (INFO), and there is talk of adding other journals down the line. These will require staffing and equipment.

In addition, we are reaching the point where a lot of services that we buy outside—such as graphics design and writing, marketing and mailings—would be more cost-efficient if brought in-house. We have had a technical director on staff for a little over three and a half years to work chiefly on our methods program. This has been very successful, professionally, and we want to expand its services.

Q. How large is headquarters staff? How long will the new building serve our needs?

Lyon: Staff now numbers 26 persons. The decision was made to build for the future both to protect against increased costs and to avoid the constant need to rearrange space as staff size grows to meet the needs of expanded and improved programs. We also wanted a building design that would be flexible enough to meet our needs even if growth comes in areas and at different rates than we currently predict.

The new building is designed for efficient use based on a 10-year projection. It could, of course, be used even longer at something less than ideal utilization. We also bought extra land and insisted that the design accommodate future expansion that would be aesthetically compatible with the structure at a relatively inexpensive cost.

Q. Will there be any benefits to members to have such a facility?

Lyon: Yes, given the need for a society with programs like ours. There is the financial benefit of having our own building versus adding to the old building, which was not clearly an asset, or renting space. In our other facility, we were terribly cramped, which meant we couldn't take advantage of the people resources we have. This new facility will provide for expansion of activities that members may want. In addition, we made money on this move. When we bought the lease on the old building in 1970, AOCS paid approximately \$220,000. Last summer, AOCS accepted an offer of \$450,000 for the lease from the university. As the former building was listed at a depreciated value of \$125,000, this sale increased AOCS' equity by \$325,000. This was a good move financially for the society.

Q. Who is keeping an eye on costs? Who is making sure we get what we need but not costly extras?

Lyon: The planning of our program needs was a joint Governing Board-staff effort that was conducted over three years. We went into this knowing what our needs were. We asked for an architect who would design a building to meet those needs. AOCS President Arnold Gavin appointed a building committee to work with staff and the architect. The committee chosen is a cross-section of people with the awareness of AOCS' needs and experience in construction projects. This committee came up with a reasonable budget and is very comfortable with what we're building. It is not anyone's palace. It will be AOCS' home for a long time and will be in a neighborhood that will retain or grow in value over time. The building committee has scheduled regular inspections of the construction and I drive by it frequently to keep an eye on progress. As far as costs, the Governing Board has to approve change-orders over \$1,000. The Governing Board, the building committee and staff are watching closely to make sure there are no extra costs.

Q. Why was that site chosen?

Lyon: AOCS officials looked at potential sites over the past six to

eight years. They looked throughout Champaign-Urbana and also considered sites elsewhere. However, staff size and the professional quality of our staff mitigated against going outside Champaign-Urbana. Sites were evaluated on their availability and their desirability. The building that goes up will be the home of the Society for a long time. We wanted something that would retain or grow in value if AOCS ever does outgrow it. We looked at industrial parks and other sites, including older buildings. We had some standards, such as resale value and convenience to people. This site, located in southwest Champaign, is accessible to the airport and to interstate highways. It also is in an attractive upper-middle class neighborhood. The minimum price of condominiums in the new area is around \$75,000–80,000. There will be single family residences on two sides, and across the street there will be condominiums on a lake. To the west is the only other commercial property close to us, and this is for highly restricted office space. It is a very nice neighborhood, and we'll probably be the second largest facility there. It is just an attractive place to be, where financial value is good.

NE symposium

The Northeast Section of AOCS will hold a one-day symposium on "New Emerging Technologies in Processing" March 10 at the Holiday Inn Jetport, Elizabeth, New Jersey.

Topics will include new technologies in oil extraction, by Jeff Scott of Crown Iron Works; use of silica in bleaching, by Walter Cheek of W.R. Grace; physical refining of vegetable oils; supercritical extraction; wastewater treatment, by Michael Boyer, Applied Engineering and Science; energy conservation in oil refining; and usage of spent nickel catalyst, by Robert Hastert of Harshaw/Filtrol Partnership.

Registration is \$50. Reservations will be accepted until March 1.

For more information, contact Deborah Meiners, Best Foods/CPC International, 1120 Commerce Ave.,

Union, NJ 07083, telephone 201-688-9000.

Symposium on health and fat

The North Central Section will hold an all-day symposium on "Health Aspects of Fats and Oils" March 17, 1987, at the Levis Faculty Center, University of Illinois, in Urbana, Illinois.

Speakers featured will include Michael Pariza of the University of Wisconsin, Food Research Institute, linking calories, versus fat, to cancer; Pat Johnston, University of Illinois, speaking on omega-3 fatty acids; and Connie Weaver of Purdue University, discussing sucrose esters. Joyce Beare-Rogers, chief of Nutrition research for the Bureau of Nutritional Sciences, Department of Health and Welfare, Canada, will chair a panel discussion, slated for 2:30-4 p.m., and will present an overview of the symposium.

The day's schedule will begin at 9 a.m. Following the afternoon panel discussion, there will be a wine-and-cheese reception at the Levis Faculty Center for participants.

There will be a registration discount for students.

For more information, contact Mike Erickson, Interstate Foods Corp., 3800 S. Morgan St., Chicago, IL 60609, telephone 312-254-9400.

Officer change

AOCS' South Central Section vice-chairman John Wagner has taken over as chairman, to succeed M.K. Gupta. Gupta has resigned from the section with his departure from the Houston area to take a position as technical manager with Universal Edible Oil Inc., Chicago, Illinois, in early January.

Gupta had been employed by Anderson Clayton & Co. at its Houston headquarters. Those offices are being shut down following the purchase of Anderson Clayton by the Quaker Oats Co.

According to Tom Howell, general counsel for Quaker Oats, Quaker Oats bought Anderson

Clayton for its Gaines Pet Food Division. Quaker Oats plans to sell Anderson Clayton's other divisions; those divisions are to remain operational until they are sold.

Smalley series

The 1987-88 Smalley Check Sample Program will offer 23 series, and possibly a new series on palm oil as a 24th. The program, provided by AOCS, is a means for laboratories to check the proficiency of their analytical procedures.

A subscriber to a specific series receives a sample of quality uniform to that distributed to other subscribers. Each participant analyzes the sample using specified AOCS methods, then notifies AOCS of the results. A final compilation of results of all participants indicates whether a participant's analysis was accurate.

Information on prices and schedules is available from the Smalley Committee, AOCS, PO Box 5037, Station A, Champaign, IL 61820, USA.

The following check sample series are to be offered during 1987-88 (the number of samples in each series is shown in parentheses).

- Cottonseed (10)
- Peanuts (7)
- Fish meal (8)
- Fish oil (8)
- Edible fats (5)
- Tallow and grease (5)
- Sunflower (8)
- Soybean oil (4)
- NIOP fats and oils (5)
- Gas chromatography (fatty acid composition) (6)
- Cellulose yield (cottonlinters) (10)
- Aflatoxin in cottonseed meal (8)
- Soybeans (10)
- Vegetable oil for color (6)
- Oilseed meals (10)
- Drying oils (6)
- Condensed fish solubles (8)
- Cottonseed oil (4)
- Safflower (5)
- Rapeseed (5)
- Aflatoxin in peanut meal (8)
- Aflatoxin in corn meal (8)
- Aflatoxin in milk (8)

Deadline for enrollment is June 30, 1987.

Certification

Applications for either certification or recertification in the AOCS Approved Chemists program and the AOCS Certified Laboratory program must be received at AOCS headquarters, PO Box 5037, Station A, Champaign, IL 61820, USA, by March 31, 1987, for applicants to be eligible for the 1987-88 official listings.

Recertification notices were mailed in January 1987 to participants in the previous year's programs. New applicants should write to AOCS Certification Programs, PO Box 5037, Station A, Champaign, IL 61820, USA, to request application forms and check lists.

The Approved Chemist program was known as the Referee Chemist program until 1985. New applicants must complete a background questionnaire. The recertification fee for approved chemists is \$35; first-time applicants pay a fee of \$100.

The Certified Laboratory program, which covers persons wishing to do referee analysis of soybean meal, was begun in 1985. New applicants are required to complete a questionnaire that accompanies the application forms. Laboratories participating are notified as to any deficiencies in their analyses and are asked to correct them to qualify for recertification. For the Certified Laboratory program, the recertification fee is \$1,000; new applicants also pay a \$1,000 fee.

Application forms, with completed questionnaires, must be returned to AOCS headquarters by March 31, 1987.



Nelson retires

Jo Nelson, AOCS staff member in charge of AOCS membership and

circulation, retired Jan. 29, 1987, on her 59th birthday.

Nelson has been a familiar contact for AOCS members. She has handled membership and circulation for AOCS since it moved its headquarters from Chicago to Champaign, Illinois, in 1971. Her first day of

work for AOCS was June 3, 1971. She also is the first full-time staff member to retire since the move to Champaign.

Jo plans to travel and play lots of golf with her husband, Russ. The Nelsons have two grown children and five grandchildren.

Erratum

The listing of AOCS member Gerald E. Dubb's name in the Directory of Consultants published in the October issue of *JAACS* was erroneous. He does not accept outside consulting assignments.

Methodology

Technical committee meetings

Edible oils

The Industrial Edible Oils Advisory Committee, an ad hoc committee organized during 1986 by Ron Sleeter of Archer Daniels Midland Co., met for the second time on November 24, 1986, in Chicago. Topics on the agenda included consideration of the committee's status, election of chairpersons, the status of methods proposed for review at the last meeting, action on alternatives to hazardous solvents currently used in AOCS methods and discussion of design changes needed in new nuclear magnetic resonance (NMR) instrumentation.

The committee members voted to become an official committee, subject to approval by the Governing Board, and selected the name "Commercial Edible Fats and Oils Analysis Committee." Sleeter will continue as chairman for the maximum term of three years. The committee agreed to take over the projects of the Commercial Fats and Oils Analysis Committee.

Approximately 15 methods were reviewed, with coordinators appointed to consider appropriate

action on Activated Oxygen Method (AOM) Alternatives, Flavor Score by GC, Wiley Melting Point, Chlorophyll in Oils, Sodium (soaps) in Oils, I.V. by Near IR, Alternative Solvents, Acid Value for Lecithin and the Determination of Solid Fat Content by Pulsed NMR Analysis. Needed improvements in NMR methodology are being coordinated by Bryan Madison (P&G) with Seimco, an equipment manufacturer. Anyone with comments regarding these methods proposed for revision should contact the AOCS technical director.

UMC

The Uniform Methods Committee met on November 25, 1986, in Chicago. The meeting agenda included a report by the AOCS technical director, reports of technical committee chairmen, technical committee responsibilities, consideration of a proposal for associate methods editors, a review of the methods development project "Three Year Plan," possible format for the fourth edition of AOCS methods and a discussion about a foreign language edition of

the book of methods.

The technical director noted the excellent job performed by the AOCS production staff in preparing the 35 Additions and Revisions to Methods for 1986. In spite of the higher-than-usual number of revisions, the 1986 revisions will be going out with a minimum of delay. The UMC approved (subject to Governing Board approval) the proposal for the appointment of "associate methods editors" made by David Firestone (FDA). The associate editors will be responsible for reviewing various sections of the official methods and making recommendations for revision. The methods editor, Russ Walker (Anderson-Clayton) and the technical director will develop a list of associate editors. Lloyd Witting and Gary Walker, both of Supelco, have already agreed to be associate editors. Anyone interested in participating as an associate methods editor should contact either Russ Walker or the AOCS technical director.

Dave Berner
AOCS Technical Director

Flavor Chemistry of Fats and Oils

\$35 Members
\$55 Nonmembers

For flavor chemists and food technologists, this new AOCS monograph provides the latest information in a field of increasing interest. Modern analytical methods are permitting researchers to determine the mechanisms involved in flavor chemistry and to pinpoint constituents involved. Fourteen chapters take you through the chemistry of oxidation and autoxidation, antioxidants to sensory and instrumental methods for measuring flavor, as well as the isolation, separation and characterization of flavor compounds in lipids.

Edited by David B. Min and Thomas H. Smouse