

MINUTES OF THE MEETING
of the
STATE BOARD OF AGRICULTURE
August 8, 1952

Present: Mr. Brody, Chairman; Messrs. Akers, Armstrong, Mueller, Smith; Miss Jones; President Hannah, Comptroller May and Secretary McDonel

Absent: Dr. Thurston

The meeting was called to order at 10:10 a.m.

The minutes of the previous meeting were approved.

PRESIDENT'S REPORT

Resignations and Terminations

1. Jay E. Laarman as 4-H Club Agent in Ogemaw and Arenac Counties, effective July 19, 1952, to accept a position with the Michigan Conservation Department.

Leaves

1. Leave of absence with full pay for Ray Nelson, Professor (Research) of Botany and Plant Pathology, from July 1 to September 30, 1952, for health reasons.

Appointments

1. Appointment of William A. Glaser as Instructor in Social Science at a salary of \$4200 per year on a 10-month basis, effective September 1, 1952, to replace Harry G. Hendrickson, resigned.
2. Appointment of Ralph L. Wickiser as Lecturer in Art at a salary of \$200 for the period from June 30 to July 2, 1952, during the Art Education Workshop.
3. Reappointment of Arnold Form as Instructor in Counseling at a salary of \$350 for the month of June 1952.
4. Reappointment of John S. Storey as Instructor in Counseling at a salary of \$350 per month, effective from June 1 to August 15, 1952, to replace Beatrice Fessenden, on leave.
5. Appointment of Willene Paxton as Instructor in the Counseling Clinic at a salary of \$500 for the month of July 1952, to replace Yetieve Guldner.
6. Appointment of special Instructors in the High School Music Course which ended on July 19, as follows:

| | | | | | | | |
|-----------------|-------|------------------|-------|----------------------|-------|-----------------|-------|
| Vernon Benedict | \$250 | James D. Jackson | \$100 | Donald R. Chadderdon | \$250 | Velma Froude | \$200 |
| Arthur Best | 250 | Marshall King | 50 | Paul Eichmeyer | 50 | Jean Grimes | 50 |
| Virginia Bodman | 30 | Jack Lint | 250 | William Fitch | 40 | Merwyn Mitchell | 250 |
| Charles Osborne | 140 | William Stewart | 400 | Bernard Stone | 350 | Clark Twining | 40 |

Payment for this course is from the Continuing Education Revolving Account.

Miscellaneous

1. Reinstatement of Marvin M. Eppelheimer as Eaton County 4-H Club Agent at a salary of \$4540 per year, effective July 16, 1952. Mr. Eppelheimer has been on military leave since March 15, 1951.
2. Change in pay for Max T. Rogers, Associate Professor of Chemistry, from \$1200 to \$1440 for the period from July 1 to August 31, 1952, and paid from the Atomic Energy Commission grant.
3. Correction in the effective date of military leave for Nick Pagan, Assistant Counselor for Men, from June 16 to July 16, 1952. Mr. Pagan worked through June 15 and is entitled to a month's vacation.
4. Change in salary for Yetieve Guldner, Instructor in the Counseling Clinic, from \$1000 to \$500 for the period from August 1-29, 1952. Miss Guldner was appointed to assist in the Summer Counseling Clinic and is able to complete only half of the work she was to do for the Clinic.
5. Change in salary for Courtney Osborne, Instructor in Speech for the 9-week summer session, from \$700 to \$350 for the period.
6. Approved the Summer School payroll for the 6-week session and the first six weeks of the 9-week session in the amount of \$233,649.53.
7. Approved a Research and Promotion Director position in Television Development, effective July 1, 1952.
8. Approved an additional half-time Clerk-Typist position in Counseling, effective July 1, 1952.

Resignations
and
Terminations

Leaves

Appointments

Reinstatement M.M. Eppelheimer 4-H Club Agt

Change in pay Max T. Rogers to \$1440

Correction in date of mil. lve Nick Pagan

Ch. in salary Yetieve Guldner

Ch. in salary Courtney Osborne

Approval s.s. payroll

Res. & Prom. Dir. pos. in Television 1/2 time cl-typ pos. Counsel.

PRESIDENT'S REPORT, continuedMiscellaneous

- Approval of several Alterations and Improvement items
- App. repairs to entrances approaches & steps Williams \$50 rec'd anonymous donor. \$56 rec'd for Sp. Nur. School \$90 from Elev. Feed Men \$200 rec'd Horwath & Horwath \$1000 Duncan Hines \$175 from Wayne Co. Home Dem. Council \$41 from Wm. Riker Johnson Post for scholarship Grant of \$15,000 from U.S.D.A. Memo agreement New Holland Machine & grant \$2000 Cont. cont. Com. Credit Corp & grant of \$5400 Contract with U.S.D.A. and grant \$10,000 Memo agree. Mich REA Safety & grant of \$7470 Memo agree with Nat. Dairy Council & grant of \$8050 Cont. memo agree Det. Dist. Golf & grant \$300 \$3240 Eli Lilly \$550 from Inter-Univ. Case Program.
9. Approved the following items to be charged to Alterations and Improvements 1952-53:
- Installation of asphalt tile on the floor in Dr. Tukey's office in Room 210, Horticulture Building at an estimated cost of \$210.
 - Increase in the electrical capacity in Room 17, Building A-8 which is used by the Poultry Department at an estimated cost of \$165.
 - Correction in the slippery condition of the asphalt tile in one hallway in Giltner Hall at an estimated cost of \$120.
 - Opaque glass to be put in the fieldhouse doors at an estimated cost of \$150.
10. Approved repairs to the entrances, approaches, and steps to Williams Hall at an estimated cost of \$7,162.50, to be charged to Dormitory Funds.
11. Accepted a grant of \$50 from an anonymous donor to be deposited in the Discretionary Gift Fund.
12. Accepted a grant of \$56 from the Mercy School of Nursing of Detroit to be used under the direction of Elizabeth Page for the general expense of the Spartan Nursery School.
13. Accepted a grant of \$90 from the Southern Michigan Elevator and Feed Men of Jackson to be used under the direction of the Committee on Scholarships to provide a scholarship for a short course student in the Elevator and Farm Supply Training Course.
14. Accepted a grant of \$200 from Horwath and Horwath of Chicago to be used under the direction of the Committee on Scholarships for scholarship aid to a student in Hotel Administration.
15. Accepted a grant of \$1000 from the Duncan Hines Foundation of Bowling Green, Kentucky, to be used under the direction of the Scholarship Committee and to be awarded in \$300 amounts as available on an annual basis as scholarship aid to students in the hotel or restaurant field.
16. Accepted a grant of \$175 from the Wayne County Home Demonstration Council to be used under the direction of the Faculty Committee on Scholarships as the Emma DuBord Scholarship offered to a Wayne County resident. The student must be a Michigan State College freshman interested in preparing for a home demonstration career.
17. Accepted a grant of \$41 from the William Riker Johnson Post 205, American Legion, of East Lansing, to be granted by the Scholarship Committee to a graduate of the East Lansing High School who represents American ideals as shown by his or her citizenship.
18. Approved a contract with the United States Department of Agriculture covering a grant of \$15,000 to be used under the direction of T. K. Cowden in Agricultural Economics to prepare courses of training, including demonstrational and information materials, teaching procedures, and methods to be used in an educational program for retailers of meat and meat products, to increase merchandising efficiency, reduce wastes, preserve quality, and assist consumers with suggestions for better care, handling and proper use of different cuts and grades of meat.
19. Approved a memorandum of agreement with the New Holland Machine Division of the Sperry Corporation of New Holland, Pennsylvania, covering a grant of \$2000 to be used under the direction of A. W. Farrall in Agricultural Engineering for a research project in agricultural machinery. The agreement provides for a special graduate research assistant.
20. Approved the continuation of a contract with the Commodity Credit Corporation of Washington, D. C., covering a grant of \$5400 to be used under the direction of A. W. Farrall in Agricultural Engineering to complete experimental testing and remodel the drying equipment and demonstrate drying and conditioning techniques to producers and others.
21. Approved a contract with the United States Department of Agriculture covering a grant of \$10,000 to be used under the direction of A. W. Farrall in Agricultural Engineering to develop and evaluate relatively inexpensive methods and equipment for use on farms for testing the moisture content of farm commodities. The contract provides for special graduate research assistants.
22. Approval of a memorandum of agreement with the Michigan REA Safety and Job Training Commission of Ubyly, Michigan, covering a grant of \$7470 to be used under the direction of A. W. Farrall in Agricultural Engineering to carry on in-service safety and job training programs for the year 1952-53 in cooperation with the State Board of Control for Vocational Education and the Michigan REA Safety and Job Training Committee.
23. Approved a memorandum of agreement with the National Dairy Council of Chicago covering a grant of \$8050 to be used under the direction of Earl Weaver in Dairy in a continuation of the project dealing with nutritive values of crops and cows' milk as affected by soil fertility.
24. Approved the continuation of a memorandum of agreement with the Detroit District Golf Association covering a grant of \$300 to be used under the direction of James Tyson in a continuation of turf research.
25. Approved a memorandum of agreement with the Eli Lilly and Company of Indianapolis, Indiana, covering a grant of \$3240 to be used under the direction of R. W. Lewis in Biological Science for a research project on ergot.
26. Approved a memorandum of agreement with the Inter-University Case Program of Washington, D. C., covering a grant of \$550 to be used under the direction of E. W. Weidner in the Governmental Research Bureau in a case study in public administration for teaching purposes, centered on the recent Jackson Prison riots. The agreement provides for a special graduate research assistant.

PRESIDENT'S REPORT, continuedMiscellaneous, continued

27. Approved a memorandum of agreement with the Dearborn Chemical Company of Chicago covering a grant of \$3000 to be used under the direction of M. F. Obrecht in the Engineering Experiment Station in an investigation of boiler water sludge conditioners over a range of working pressures. The agreement provides for a special graduate research assistant.
28. Approved a memorandum of agreement with the American Society of Heating and Ventilating Engineers of New York City covering a grant of \$1600 to be used under the direction of R. J. Waalkes in Mechanical Engineering in a study to determine the resistance to the flow of air offered by various designs to take-offs.
29. Approved the continuation of a memorandum of agreement with the Michigan Blueberry Growers Association of South Haven covering a grant of \$800 to be used under the direction of Ray Hutson in Entomology in studies on the life history and habits with an idea to control of insects infesting blueberries.
30. Accepted a grant of \$8,253 from the Federal Security Agency, Public Health Service, of Bethesda Maryland, to be used under the direction of E. H. Lucas in Horticulture and R. U. Byerrum in Chemistry in a study of the nature of the tumor-inhibiting principle of *Boletus edulis* and to investigate similar principles in other Basidiomycetes. Provision is made for special graduate research assistants.
31. Approved the continuation of a memorandum of agreement with the Quartermaster Corps of the U. S. Army covering a grant of \$7784.20 to be used under the direction of J. C. Speck and C. D. Ball in Chemistry in research on "A Study of Catalytic Factors Involved in the Browning of Certain Food constituents". The agreement provides for a special graduate research assistant.
32. Approved the continuation of a memorandum of agreement with the U. S. Atomic Energy Commission covering a grant of \$25,858 to be used under the direction of Max T. Rogers in Chemistry to continue the physio-chemical investigation of the interhalogen compounds. The agreement provides for special graduate research assistants.
33. Approved a memorandum of agreement with the Ordnance Corps of the Detroit Ordnance District covering a grant of \$13,968 to be used under the direction of E. A. Hiedemann in Physics and Astronomy for basic research in the field of ultrasonics. The agreement provides for special graduate research assistants.
34. Approved a memorandum of agreement with the United States Department of State covering a grant of \$4050 to be used under the direction of Olen Leonard in the Area Research Center of the Department of Sociology and Anthropology to collect and analyze data useful for the purpose of improving the effectiveness of the films of the International Motion Picture Service of the Department of State.
35. Approved a memorandum of agreement with the Economics Laboratory, Inc. of St. Paul, Minnesota, covering a grant of \$500 to be used under the direction of W. L. Mallmann in Bacteriology in a study of acidulated halogen compounds. The agreement provides for a special graduate research assistant.
36. Approved the continuation of a memorandum of agreement with the United States Atomic Energy Commission covering a grant of \$9,000 to be used under the direction of L.F. Wolterink in Physiology and Pharmacology in a study of the local factors in bone mineralization and to study calcium and strontium absorption. The agreement provides for a special graduate research assistant.
37. Approved a memorandum of agreement with the Chemical Specialties Company, Inc., of New York City covering a grant of \$6500 to be used under the direction of Joseph Meites, E. P. Reineke, and C. F. Cairy in Physiology and Pharmacology in a continuation of studies on hormonal induction of lactation in cattle and the influence of steroid hormone administration on body weight gains and carcass characteristics of fattening lambs. Also accepted an additional grant of \$1000 from this company to be used to defray costs of obtaining and processing milk from hormone-treated cows.
38. Approved the continuation of a memorandum of agreement with the American Dairy Association of Lansing covering a grant of \$5000 to be used under the direction of R. J. Coleman at the Radio Station to defray the expense of broadcasting out-of-town athletic contests.

Grant of
\$3000 from
Dearborn
Chem. Co.\$1600 from
Am. Soc.
Heat. & Vent.\$800 from
Am. Blueberry
Growers Assoc.Grant of
\$8,253 from
Fed. Security
Agency\$7784.20
from Quarter-
master Corp.\$25,858 U.S.
Atomic Energy
Com.\$13,968 from
Ord. Corp. of
Det. Ord. Dist\$4,050 from
U.S.D.State
grant \$4050\$500 from
Economics
Lab. Inc.\$9,000 from
U S. Atomic
Energy Com.\$6500 from
Chemical
Specialties\$5000 from
American
Dairy Assoc.NEW BUSINESSResignations and Terminations

1. Cancellation of the appointment of Alfred W. Moffett as Assistant Professor of Landscape Architecture.
2. Harold L. Vogler as Instructor in Physical Education, Health and Recreation for Men, effective August 7, 1952, to enter the business field.
3. David F. Machtel as Assistant Professor of Music, effective August 31, 1952, at the completion of his probationary period as an Assistant Professor.

Resignations

NEW BUSINESS, continued

Resignations

Resignations and terminations, continued

4. Edythe V. Billingslea as Assistant Professor of Elementary Education, effective June 15, 1952. Miss Billingslea has held a joint appointment with Michigan State College as an employee of the Holt Public Schools. Her salary has been paid by Holt, and her contract with them is being discontinued.
5. Alvin H. Safanie as Assistant Professor of Music, effective August 31, 1952, at the completion of his probationary period as an Assistant Professor. He will accept a position at the University of Illinois.
6. Harris D. Webster as Instructor (Research) in Animal Pathology, effective July 31, 1952, to accept a position with the Upjohn Company at Kalamazoo.
7. Wayne E. Swegle as Instructor (Extension) in Information Services, effective September 19, 1952, to accept a position with Successful Farming magazine.
8. Cancellation of the appointment of Yetteve Guldner to assist in the Summer Counseling Clinic during the summer of 1952.

Leaves

Leaves

1. Leave of absence with full pay for Clarence E. Prentice, Assistant Professor (Extension) of Agricultural Economics, for six months beginning October 1, 1952, to study toward his Master's degree at Kansas State College. Mr. Prentice has been a member of the staff since January 1, 1936.
2. Leave of absence with full pay for Donald Stark, Assistant Professor (Extension) of Agricultural Economics, for the 2-week period from July 21 to July 31, 1952, for study in the graduate school of Michigan State College.
3. Leave of absence with full pay for J.W. Creighton, Assistant Professor (Research) of Forest Products, from October 1 to December 31, 1952, to study toward his doctorate at the University of Michigan. Mr. Creighton has been a member of the staff since March 15, 1946.
4. Leave of absence without pay for R. Keith Hudson, Assistant Professor of Forestry, from October 1 to December 31, 1952, to continue graduate study toward his doctorate.
5. Leave of absence with full pay for Arthur T. Wilcox, Assistant Professor of Land and Water Conservation, from September 1, 1952 to February 28, 1953, to complete the residence requirements for his doctorate at the University of Michigan. He has been a member of the staff since October 1946.
6. Leave of absence without pay for William K. Cumming, Instructor in Journalism, for one year beginning September 1, 1952, to continue work toward his doctorate at the State University of Iowa.
7. Leave of absence with half pay for Hans Nathan, Associate Professor of Literature and Fine Arts, for one year beginning September 1, 1952, to accept a Fulbright Fellowship to teach at an Italian University and for research in early Italian music. He has been a member of the staff since June 1946.
8. Leave of absence with full pay for Mrs. Marian Armbrustmaker, Chief Telephone Operator IA, from July 1 to September 30, 1952, for health reasons.

Appointments

Appointments

1. Reappointment of Edward R. Mattson as Instructor (Research) in Horticulture at the same salary of \$4060 per year on a 12-month basis, effective for one year only beginning July 1, 1952, and paid from Hope-Flannagan Marketing Research funds.
2. Appointment of Neil Smull as Assistant Professor of Landscape Architecture and Urban Planning at a salary of \$5200 per year on a 10-month basis, effective September 1, 1952, to replace C. E. Morris, resigned.
3. Transfer of Ruth Allice McIlnay from Lenawee County to Isabella County Home Demonstration Agent at the same salary of \$4460 per year, effective August 1, 1952.
4. Transfer of Josephine A. Brighenti from Isabella County to Home Demonstration Agent at Large at the same salary of \$4760 per year, effective August 1, 1952.
5. Appointment of Claude A. Welch as temporary Instructor in Natural Science at a salary of \$3800 per year on a 10-month basis, effective for one year only beginning September 1, 1952, to replace Justin Zinn, transferred.
6. Appointment of Mrs. Jean Burnett as temporary Instructor in Natural Science at a salary of \$3800 per year on a 10-month basis, effective for one year only beginning September 1, 1952, to replace John C. Bayless, resigned.
7. Appointment of Harry G. Hendrickson as temporary Instructor in Social Science at a salary of \$4100 per year on a 10-month basis, effective for one year only beginning September 1, 1952, to replace Robin A. Drews who will be on Okinawa next year.
8. Appointment of W. Cameron Meyers as Assistant Professor of Journalism at a salary of \$5500 per year on a 10-month basis, effective September 1, 1952, to replace Don J. Gemmel, transferred.

NEW BUSINESS, continuedAppointments, continued

Appointments

9. Appointment of Pauline A. Hess as Instructor in Physical Education, Health and Recreation for Women at a salary of \$3600 per year on a 10-month basis, effective September 1, 1952, to replace Katherine Arnett, resigned.
10. Appointment of George Myron Belknap as Assistant Professor of Political Science at a salary of \$5800 per year on a 10-month basis, effective September 1, 1952, to August 31, 1953, to replace James W. Miller, on leave.
11. Appointment of Manfred Lilliefors as Lecturer in Social Work at a salary of \$300 for the period from October 1 to December 31, 1952.
12. Appointment of Russell Bowser as Assistant Professor of General Business at a salary of \$5600 per year on a 10-month basis, effective September 1, 1952, to replace Nelson E. Jones, resigned.
13. Appointment of Gilbert Horne as Assistant Professor in the Division of Hotel, Restaurant, and General Institutional Management at a salary of \$5800 per year on a 10-month basis, effective September 1, 1952 to replace Ernest Gaunt.
14. Appointment of William A. Quinn as Instructor in Secondary Education at a salary of \$2500 for the period from October 1, 1952, to June 30, 1953, as a partial replacement for George Myers, on military leave.
15. Appointment of Edwin St. John as Instructor in Vocational Education at a salary of \$2750 per year on a 12-month basis, effective August 16, 1952, to replace Walter Schroeder, transferred. His salary will be paid by the Olivet School District, reimbursed by Michigan State College at 12 1/2 per cent under the cooperative arrangement.
16. Appointment of Richard L. Kiesling as Assistant Professor of Botany and Plant Pathology at a salary of \$5000 per year on a 10-month basis, effective September 1, 1952, to replace Thomas T. McClure, resigned.
17. Appointment of Milan Yancich as Instructor in Music at a salary of \$4000 per year on a 10-month basis, effective for one year only beginning September 1, 1952, to replace Douglas Campbell, on leave.
18. Appointment of Robert P. Crawford as Assistant Professor of Speech, Dramatics, and Radio Education at a salary of \$5400 per year on a 10-month basis, effective September 1, 1952, to replace Joe A. Callaway.
19. Appointment of Robert H. Ferrell as Instructor in History at a salary of \$4500 per year on a 10-month basis, effective for one year only beginning September 1, 1952, to replace J. A. Garraty, on leave.
20. Appointment of Alvin C. Gluek, Jr. as Instructor in History at a salary of \$4200 per year on a 10-month basis, effective September 1, 1952. This is a new position.
21. Appointment of Mrs. Babette Kornblith as Area Research Assistant in Sociology and Anthropology at no salary from the College, effective for one year only beginning August 1, 1952.
22. Appointment of Roy A. Clifford as Assistant Professor of Sociology and Anthropology at a salary of \$800 for the period from August 4 to September 19, 1952, and paid from the Carnegie Account.
23. Appointment of Leo W. Walker as Lecturer in Anatomy at a salary of \$150 for the period from September 1, 1952 to June 30, 1953.
24. Appointment of Thomas W. Jenkins as Instructor in Anatomy at a salary of \$4000 per year on a 10-month basis, effective September 1, 1952, to replace Alvin H. Safanie, resigned.
25. Appointment of Don M. LeDuc as Lecturer in Surgery and Medicine at a salary of \$300 for the period from September 1, 1952, to June 30, 1953.
26. Appointment of L. H. LaFond as Lecturer in Surgery and Medicine at a salary of \$300 for the period from September 1, 1952, to June 30, 1953.
27. Appointment of Victor Horowitz as Instructor in Audio Visual Aids at a salary of \$4000 per year on a 12-month basis, effective September 1, 1952. This is a new position.
28. Appointment of Willene Paxton as Instructor in the Counseling Clinic at a salary of \$500 for the month of August 1952, to replace Yetteve Guldner.

Salary of
F.J. to be
paid 4/5
from Hope
Flannagan &
1/5 College.

Miscellaneous

1. Recommendation that the salary of Burton F. J. Cargill, Instructor (Research) in Agricultural Engineering, continue to be paid four-fifths from Hope-Flannagan funds and one-fifth from College funds, effective July 1, 1952.
2. Payment of \$450 to William H. Form, Associate Professor of Sociology and Anthropology, for the period from August 1-21, 1952, for work on the health Information Foundation Project and paid from that account.

NEW BUSINESS, continuedMiscellaneous, continued

Approval of changes in pay for staff members.

3. Recommendation that the following changes be made in sources of pay for staff members in Horticulture:

Paul R. Krone from 1/2 College and 1/2 Experiment Station to 1/2 College and 1/2 Extension.
Sam Asen from 1/2 Extension and 1/2 Experiment Station to full time Experiment Station
C. A. Langer, from full-time Extension to 1/2 Experiment Station and 1/2 Extension
John P. Tomkins from 1/2 Experiment Station and 1/2 Extension to full-time Extension.

Cancellation appointments Television Workshop

4. Cancellation of the following instructorship appointments in the Television Workshop for the summer of 1952:

| | |
|---------------------|------------------------|
| Gertrude Novokovsky | Kathryn Fields Bovaird |
| Josephine D'onofrio | Lyda M. Ickler |

G.H. Fox and H.C. King reinstated Aug. 1, 1952 Sal. of staff at Ryukyus ef. for 1 year.

5. Guy H. Fox and Horace C. King, who were on Okinawa last year, should be reinstated on the regular college payroll effective August 1, 1952.

Retirement of Matie Brown approved.

6. Recommendation that the salaries for the members of the staff who will be at the University of the Ryukyus during the 1952-53 year be effective for one year beginning August 1, 1952.

Ch.Cl-Typ pos to Sec-Dept I Poultry

7. Recommendation from the Retirement Committee for the retirement of Mrs. Matie Brown, who has been employed in the Union Building since June 1, 1934, at a disability retirement salary of \$933 per year, effective July 1, 1952. Mrs. Brown has been ill since December 1951.

Cl-Sten ch. to Sec-Dept. I Voc. Educ.

8. Change the classification of a Clerk-Typist position to Secretary-Departmental I in Poultry Husbandry.

Bacteriologist IIB approved.

9. Change the classification of a Clerk-Stenographer position to a Secretary-Departmental I in Vocational Education, effective August 1, 1952.

Prod. Asst. IIB M.S.C. Press app.

10. Establishment of a Bacteriologist IIB classification in Bacteriology and Public Health with a salary range of \$3240 to \$3900, and financed from the Camp Detrick Fund.

Trans. R. Jensen to For. Gds. Dept.

11. Establishment of a Production Assistant IIB classification in the Michigan State College Press.

Reclass. of Clerk III pos. to Cl IV Compt.office

12. Transfer of Rudolph Jensen from Assistant Foreman on the labor payroll to Foreman in Grounds Maintenance at the same salary of \$4680 per year, effective August 1, 1952.

Ch.Cl-Typ to Cl-II Alumni

13. Reclassification of a Clerk III position to a Clerk IV position in the Comptroller's Office, effective August 1, 1952.

Grant \$2500 U.S. Rubber Co.

14. Reclassification of a Clerk-Typist position to a Clerk II position in Alumni Relations, effective August 1, 1952.

Grant of \$780 Inter-Univ. Case Prog.

15. Approval of a memorandum of agreement with the United States Rubber Company covering a grant of \$2500 to be used under the direction of S. H. Wittwer in Horticulture on a research project on foliage sprays of maleic hydrazide for improving storage qualities of crops. The agreement provides for a special graduate research assistant.
16. Approval of a memorandum of agreement with the Inter-University Case Program of Washington, D.C., covering a grant of \$780 to be used under the direction of E. W. Weidner in the Governmental Research Bureau in the Development of research studies in administrative ethics developed in public administration. The agreement provides for a special graduate research assistant.

Grant of \$500 Rohm & Haas

17. Continuation of a memorandum of agreement with Rohm & Haas Company of Philadelphia covering a grant of \$500 to be used under the direction of W. L. Mallman in Bacteriology in a study of disinfection of milking machines.

Acceptance of several gifts to Museum

18. The following gifts valued at \$3,447 have been received for the College Museum:

Red Cedar Post 402, The American Legion - an American Legion Flag
John R. Guttay - Steyr Solothurn Gun
The Detroit Zoo - Great Anteater skin, Wolverine skin, and Otter skin
Houghton Conservation Department - 2 Bear Cub skins
Robert Rausch - Wolverine skin
Joseph R. Hradel - Uncut stones (rubies, green sapphires, blue sapphires, and black sapphire, and Zircon exhibit)
Walter T. Gorton - 3 shotguns, 6 foreign revolvers
Harry Rosenbuch - Cane
David Stiles - Sword and Scabbard
Donald R. Breakey - Eastern Chipmunk
Mary C. Ellsworth - Florida Gullinule
Marquette Conservation Department - Bobcat
Elizabeth Drews - Chinese roof tile
Robin A. Drews - Chinese tile fragments
Mr. and Mrs. R. A. Scott - Fry Square Grand Piano
George Thompson - Grain Grinder
Mrs. Robert Seyfarth - Desk
Julia Tear - Eyeglasses in case, straight razor, mortar and pestle, poem, fan, Brazil nut capsule, trilobite fossil, Obsidian pebbles, agate.
Richard Bostrum - Coin
E. A. Douglass - Joint shovel plow
Jesse Brown - Axe head, hammer head

NEW BUSINESS, continued

Miscellaneous, continued

18. Gifts to museum, continued:

- Marion Harry, Ox shoe
- N. H. Burnett - Fence Yoke
- F. L. Dodge - Old Newspaper
- Charles Linklater - Potato Shovel tip
- Mary C. Ellsworth - mortar and pestle, straight razor, paper weight
- Fannie E. Beal - Candlesticks, candle snuffer, candle, candle mold, coffee mill, cup, butter dish, pickle dish, gravey boat, and conch shell trumpet.
- Helen Fox and Ruth Comins - Apple butter kettle with stirrer and handle, 3 flat irons, kettle, tailor's goose, mortar and pestle, coffee pot, steelyard, straw cutter, straw hook, skinning knife, stereoptican and pictures, candle mold, and sheep shears.
- Mrs. A. E. Ellsworth - Kerosene lamp
- Julian P. Claxton - flail
- Gerald E. Smith - phonograph with 4 records, old electric light bulb
- Secretary's Office, MSC - Wooden mallet, voting box
- Ruth L. McLennan - Candle mold
- James P. Throop - Fence jack
- Henry Fischer - Harness repair vise, scythe
- K. H. Taylor, Buggytop, rocking chair, plow, heating drum, magazines
- Mr. and Mrs. Burt Van Tassel - Grindstone, hay knife, 2 potato planters, horse collar, spike-tooth drag.
- Mr. and Mrs. Clarence R. Armstrong - 6-horse sweep power
- Lawrence Armstrong - 2 steel horse collars
- Mrs. Burr Eveleth - Sausage grinder
- Edward J. Fallon - High-wheeled racing cart
- Hiram, Van & Robert Webster - Melodean, brace, bits, clock works, chisels, rabbet planes
- Helen Fox and Ruth Comin - Baby cradle, dinner horn, rope-spring bed, couch.
- Fred Doyle - Fanning mill, lumber camp lantern
- George L. Hammell - Apple Peeler
- Mrs. Charles Blagdon - Stockings, night cap, vest and stock
- Maurice Reed - Sextant
- Mr. and Mrs. Otto Leatherman - Copper apple butter kettle
- Chris A. Larson - 1 horse potato plow
- Austin Munson - Duster, hand sprayer, 3-shovel cultivator, 2-shovel cultivator, two wooden pumps, tool, nutcracker, and wooden tool.
- Earl C. Wilson - Iron kettle and four books
- Mrs. E. Beachnau - Vacuum cleaner
- George C. Tennant - Razor in case
- A. Miller - Carpenter's gauge
- Charles H. Wash - Walther Automatic and Mauser Automatic
- William M. Daniels - Long barreled luger

Museum gifts accepted.

19. The following work to be done and charged to Alterations and Improvements 1952-53:

- a. Improve the lighting in Mr. Frimodig's office at an estimated cost of \$200.
- b. There is excessive heat in the basement of Olin Memorial Hospital. To correct the situation will cost approximately \$1040

20. Recommendation for site improvement about the Basic College, Bacteriology, and Botany Buildings at an estimated cost of \$5,030.

21. A request has been received from Mr. Laidly, Chief of the Engineering Division of the United States Lake Survey, for permission to use the small plat of land 18' x 24' near the incinerator for conducting some experimental research. The plot of land will not be injured in any way, and it will require three to five years of time. Mr. Lautner and Mr. McDonel recommend that the request be granted.

22. Report that the high bidder for the removal of a barn on the Snider farm on Bennett Road is W. R. Kiger at \$152.50, and for the granary on the Snider farm is N. R. Box at \$112.

23. Statement from Ballard, Jennings, Bishop and Fraser in the amount of \$797.50 for the period from April 8 to June 26, 1952.

24. Additional payments to salaried employees, as follows:

| <u>Continuing Education</u> | | <u>Continuing Education</u> | | <u>Continuing Education</u> | |
|-----------------------------|---------|-----------------------------|---------|-----------------------------|---------|
| James M. Apple | \$85.00 | Walter Holland | \$40.00 | R. H. Simonds | \$70.00 |
| Mary F. Bannan | 161.00 | Paul Kyburz | 62.50 | Martin Stevens | 60.00 |
| Richard Carey | 20.00 | Donald O'Beirne | 254.00 | J. R. Stewart | 42.00 |
| Paul J. DeKoning | 40.00 | Judson Perkins | 70.00 | H. W. Sundwall | 197.00 |
| John Friedrich | 24.00 | C. H. Pesterfield | 70.00 | Wayne Tinkle | 303.75 |
| D. M. Fullmer | 40.00 | Rose M. Peterson | 3.00 | J. B. Tintera | 113.60 |
| F. B. Harris | 70.00 | Varetta Powers | 10.45 | Byron VanRoekel | 252.00 |
| Kerstin Hardenberg | 40.00 | Leonard Rall | 70.00 | Randolph Webster | 14.90 |
| D. J. Harvey | 62.50 | Max F. Rogers | 34.40 | Irwin Whitaker | 15.00 |
| | | | | H. L. Womochel | 62.50 |

Several alt. and imp. jobs approved.

\$5,030 appropriated for site imp. Basic, Bacty & Bot bldg.

Land near incinerator approved for use by Div. of U.S. Lake Surv

Barn on Bennett Rd. sold to W.R. Kiger

Approval statement Ballard, Jennings, Bishop & Fras.

Payment add. salaries to salaried employees.

3106

NEW BUSINESS, continuedMiscellaneous, continuedAdd. payments
to Salaried
employees.

24. Additional payments to salaried employees, as follows:

| <u>Auditorium</u> | | <u>Athletic</u> | | <u>Miscellaneous</u> | |
|-------------------|---------|--------------------|------|----------------------|---------|
| Charles Branz | \$18.00 | Francis Donahue | \$54 | Wilbur Brookover | \$50.00 |
| Helen Evans | 7.00 | Douglas Dunham | 30 | R. J. Claus | 21.00 |
| Helen Greene | 48.00 | R. L. Jenkins | 15 | Marie DellaRatta | 37.50 |
| James Huston | 10.00 | Charles Linkletter | 15 | Edith Gilhooley | 30.00 |
| Nancy Jackson | 10.00 | Sigmund Nosow | 30 | Edith Kaiser | 7.00 |
| Shirley Morrissey | 18.00 | Norman Penlington | 30 | Gregory Miller | 25.00 |
| Elmer Peterson | 3.00 | R. V. Presthus | 21 | K. J. Moilanen | 20.00 |
| Varetta Powers | 27.00 | Orden Smucker | 38 | Edna Muir | 140.00 |
| Robert Troxell | 21.00 | Everett Snyder | 46 | Margaret Nutting | 48.00 |
| Wayne VanRiper | 90.00 | Marvin Solomon | 30 | J. K. Richards | 210.00 |
| Clella Weissinger | 25.00 | | | Raymond Wilson | 6.00 |

On motion of Mr. Akers, seconded by Mr. Brody, it was voted to approve the President's Report and all New Business.

ADDITIONAL ITEMSLeaves

1. Leave of absence with pay for L. W. Witt, Professor of Agricultural Economics for six months beginning October 1, 1952, and without pay from April 1 to May 31, 1953, to accept an assignment with the American Universities Field Staff. Dr. Witt has been a member of the staff since January 15, 1947
2. Leave of absence with pay for John D. Johnson, Berrien County Agricultural Agent, for six months beginning October 1, 1952, to work toward his Master's degree at Michigan State College. Mr. Johnson has been a member of the staff since July 1945.
3. Leave of absence without pay for Mrs. Alfreda H. McGuire, Jackson County Home Demonstration Agent, from September 1 to November 15, 1952.
4. Leave of absence with pay for George Makris, Boxing Coach, from September 5 to October 6, 1952, to participate in the conduct of the coaching phase of a Boxing Clinic in the Far East Command.
5. Leave of absence without pay for Loraine Shepard, Assistant Professor of Elementary Education, for three months beginning October 1, 1952, to work on the dissertation for her doctorate.

Appointments

1. Appointment of S. Earl Thompson as Professor and Head of the Department of General Institutional Management at a salary of \$8800 per year on a 12-month basis, effective October 10, 1952. This is a new position.
2. Reappointment of Greta DeLong as Assistant Professor of Elementary Education at a salary of \$245 per month, effective from October 1 to December 31, 1952, to replace Donald O'Beirne who has been transferred part-time.
3. Appointment of Wilbert E. Wade as temporary Instructor in Botany and Plant Pathology at a salary of \$3600 per year on a 10-month basis, effective for one year only beginning September 1, 1952, to replace G. W. Prescott, on leave, and P. W. Dennis.
4. Appointment of C. Wesley Lambert as temporary Instructor in Speech, Dramatics, and Radio Education at a salary of \$3000 per year on a 10-month basis, effective for one year only beginning September 1, 1952. This is a new position.
5. Appointment of T. Wilson Longmore as Associate Professor of Sociology and Anthropology at a salary of \$333 per month, effective from August 4 to October 3, 1952 and paid from Adult Education (Ford Foundation) funds.
6. Appointment of Neil A. Ball as Agricultural Information Assistant in Information Services at a salary of \$5000 per year on a 12-month basis, effective for one year only beginning August 11, 1952, and paid one-half from Experiment Station and one-half from Extension funds. He replaces Wayne Swegle and John Fitzgerald, resigned.

MiscellaneousInc. salary
Karl Wright
to \$8440

1. Increase in salary for Karl T. Wright, Professor of Agricultural Economics, from \$7890 to \$8440 per year, effective July 1, 1952. Professor Wright was on leave without pay during the past year, and this is the cost-of-living adjustment granted all employees.

Salary H.P.
Gaston to be
pd. \$2825 Ex.
Sta and \$2825
by U.S.D.A.

2. H. P. Gaston's salary (Assistant Professor (Research) of Horticulture) is now paid \$3010 from Experiment Station funds and \$2640 by the U. S. Department of Agriculture. Effective July 1, 1952, his salary is to be paid \$2825 from Experiment Station funds and \$2825 by the U. S. Department of Agriculture.

Payment of
salaries to
inst. in
Com. flori.
Ursel Kramer
E. A. Brand

3. Recommendation for payment of salaries as follows for classes taught the commercial floriculture students in Short Courses during the 9-week summer session:

Ursel Kramer, graduate assistant in Accounting, \$400
E. A. Brand, Associate Professor of General Business, \$450

ADDITIONAL ITEMS, continuedMiscellaneous, continued

4. Change in the effective date of leave without pay for A. R. Wolcott, Instructor (Research) in Farm Crops, from September 1 to September 16, 1952. His salary is paid from Experiment Station funds.
5. Change in source of salary for Lester E. Bell, Assistant Professor (Extension) of Forestry, from part Extension Service and part U. S. Department of Agriculture to his total salary of \$6170 paid from Extension funds.
6. The following recommendations are made as to the assignment of John F. A. Taylor, Professor and Head of the Department of Literature and Fine Arts, effective as of July 1, 1952:
- That he be given an additional appointment as Professor in the Department of Philosophy.
 - That he continue administratively as Head of the Department of Literature and Fine Arts for the academic year 1952-53 during the period of liquidation of that Department in the Basic College. In this capacity, he is subject to the supervision of the Dean of the Basic College. Planning the future course of Literature and Fine Arts is to be under the direction of the Dean of Science and Arts.
 - Effective July 1, 1953, Professor Taylor is to be assigned full-time in the Department of Philosophy.
7. Recommendation for the payment of \$1500 to Ralph W. Lewis, Professor of Natural Science, for work during the summer and paid from the Eli Lilly and Company research account.
8. Recommendation that effective July 1, 1952, the salary of B. H. Grigsby, Associate Professor (Research) of Botany and Plant Pathology, be paid \$3810 from Experiment Station funds and \$3810 from the U. S. Department of Agriculture. Dr. Grigsby has been receiving \$4060 of his total salary of \$7620 from Experiment Station funds.
9. Recommendation that the following staff members be changed from a 10-month to a 12-month basis, effective September 1, 1952, rather than July 1, 1952, as previously approved:
- Education
 - Milosh Muntyan, Higher Education
 - Raymond N. Hatch, Guidance and Counseling
 - Clyde M. Campbell, Educational Administration
 - Speech and Television Development
 - James D. Davis
 - C. R. Tetterer
 - Harold Niven
 - James Tintera
10. Change in status of Mary Lee Hurt, Associate Professor of Vocational Education and Home Economics, from a 10-month to a 12-month basis and a salary increase from \$6420 to \$7320 per year, effective July 1, 1952.
11. Change in status of Guy E. Timmons, Assistant Professor of Vocational Education and Agriculture, from a 10-month basis to a 12-month basis and a salary increase from \$5990 to \$6790 per year, effective July 1, 1952.
12. Assignment of George Wexler, Instructor in Art, half-time in the Audio-Visual Aids as Graphic Arts Supervisor and a salary increase from \$4500 to \$5200 per year, effective September 1, 1952.
13. Correction of the item in the June Board meeting covering terminal leave for Joe Callaway to read as follows: Professor Callaway is to receive six months' salary for the 1952-53 college year. His leave of absence is effective as of July 1, 1952. His compensation for the 1952-53 school year will be paid in one sum on September 1, 1952.
14. Payment of \$1200 to Grant S. Bennett, Instructor in Physics and Astronomy, for work during the summer on a research contract with the Office of Ordnance and paid from that grant.
15. Payment of \$600 to Harry M. Bendler, Assistant Professor of Physics and Astronomy, for work during the summer on a research contract and paid from the Camp Detrick grant, account 71-2538.
16. Increase in salary for Raymond F. Johnston, Assistant Professor of Physiology and Pharmacology from \$6050 to \$6470 per year, effective September 1, 1952. Dr. Johnston was on leave without pay during the past year, and this is the cost-of-living adjustment granted all employees.
17. Gift of an electric fence controller from Parker McCrory Manufacturing Company of Kansas City, Missouri, valued at \$30, to be used in the Agricultural Engineering department for display and instruction.
18. Gift of an electric fence controller from the Electro-Line Products Corporation of Saukville, Wisconsin, valued at \$30, to be used in the Agricultural Engineering department for display and instruction.

A R. Wolcott
leave effective
Sept. 16,
1952.

Change source
salary Lester
E. Bell

Approval of
assignment of
John F. A.
Taylor, as
of July 1,
1952.

App. payment
Ralph Lewis
\$1500 for
summer work

Salary B.H.
Grigsby pd
\$3810 Exp. Sta
and \$3810
U.S.D.A.

Approval of
change of
several staff
members from
10 mo to
12 month.

Change in sta-
tus Mary L.
Hurt to 12-mo
basis.

Change in sta-
tus Guy E.
Timmons to
12-mo basis

Appt. Geo.
Wexler, Inst.
Art in Audio
Visual Aids

Correction in
terminal lve
Joe Callaway

\$1200 paid to
G.S. Bennett
for summer wor

\$600 paid to
H M Bendler
for summer wk.

Inc. salary
R.F. Johnston
to \$6470

Gift elec.
fence con-
troller to
Ag. Engr.
also from
Electro-Line
Corp.

Miscellaneous, continued

- Grant \$800
Mich. Assoc.
Silo Mfrs.
- Grant \$5000
City of E.L.
to be used in
Civil Engr.
- Grant of \$7312
U.S. Atomic
Energy Com.
- \$500 approp.
for Dean's
office School
Bus. & Pub.
Serv.
- Approval of
alt. and imp.
jobs.
- Approval of
summer school
payroll
- M.S.C. to
participate
in work of
American Uni.
Field Staff.
- Report from
Mr. May on
Workmen's
Comp. Accident
report.
- Mr. May dis-
cussed with
Bd. prelim.
neg. with
Grant Company
- Mr. Cress re-
ported on
negotiations
re: raising
funds for new
dormitory.
- Minimum stu-
dent wage
rate inc. to
80 cents per
hr.
Dormitory
rates for
men and women
equalized.
19. Continuation of a memorandum of agreement with the Michigan Association of Silo Manufacturers of Oxford, Michigan, covering a grant of \$800 to be used under the direction of A. W. Farrall in Agricultural Engineering to continue that project. Part of the funds may be used for a special graduate research assistant.
20. Approval of a memorandum of agreement with the City of East Lansing covering a grant of \$5000 to be used under the direction of John R. Snell in Civil Engineering to experiment with and improve on various means of bacterial decomposition of organic wastes or the method of high rate composting.
21. Continuation of a memorandum of agreement with the United States Atomic Energy Commission covering a grant of \$7312 to be used under the direction of C. D. Ball and R. U. Byerrum in Chemistry to establish whether transmethylation reactions occur in plants. The agreement provides for special graduate research assistants.
22. Special appropriation of \$500 for the Dean's Office of the School of Business and Public Service to be used for special lecturers in that School.
23. Recommendation for the following work to be done and charged to alterations and Improvements 1952-53:
- Necessary changes in room 17 in Morrill Hall to provide suitable offices for the Dean of the School of Education at an estimated cost of \$4350.
 - Installation of a vent in Room 502, Electrical Engineering Building to dissipate heat generated by the operation of the Kinescope recorder at an estimated cost of \$50.
 - Alterations in Classroom 103 Agricultural Engineering at an estimated cost of \$220.
24. Summer School salary payroll for the last three weeks of the 9-week session and the 3-week workshops in the amount of \$61,204.73, making a total summer school payroll of \$294,854.06.
25. It is recommended by Dean Combs, Dean Muelder, and Dean Anthony that Michigan State College associate itself with Brown, California Institute of Technology, Carleton, Harvard, Kansas, Stanford, Tulane, and the University of Washington and participate in the work of the American Universities Field Staff. This program has been in operation for one year. The American Universities Field Staff is concerned primarily with improving American understanding of other nations and peoples. Our participation will require an annual contribution of an amount equivalent to the median compensation paid to associate professors, or \$6500. In return, various staff members of this project will spend considerable periods on the campus for lectures and conferences with students and faculty. If we join this project, it is understood that we are to continue for a period of five years.
26. Report from Mr. May covering the Workmen's Compensation Accident Report for the period from January 1 to June 30, 1952:

| <u>Number of Accidents Reported</u> | <u>Age Group</u> | <u>Number with Time lost</u> | <u>Total Amount of Compensation</u> |
|-------------------------------------|------------------|------------------------------|-------------------------------------|
| 9 | 17-29 | None | None |
| 7 | 30-39 | 5 | \$126.36 |
| 11 | 40-49 | 8 | 780.42 |
| 11 | 50-59 | 5 | 782.62 |
| 11 | 60-72 | 9 | 979.36 |

On motion of Miss Jones, seconded by Dr. Smith, it was voted to approve the foregoing Additional Items.

27. Mr. May discussed with the Board preliminary negotiations with the W. T. Grant Company with reference to the possibility of the construction of a new building for the company to replace the Jenison Building now leased by them from the College.
28. Mr. Cress, of the Ann Arbor Trust Company, met with the Board at lunch and reported on preliminary negotiations with reference to raising of the required funds for the construction of the new men's dormitories.

Mr. May was authorized to put in writing the tentative understanding between the Board and Mr. Cress covering reimbursement for his services in connection with this loan and also to accompany Mr. Cress to Chicago to discuss these loans with Mr. Young and Mr. Harris of the Federal Reserve Bank of Chicago and possibly others. It also suggested that consideration be given to the possibility of proceeding with the total project including the six dormitory buildings rather than the first three as are now contemplated; and it was suggested that complete information be made available for the next Board meeting to make it possible for the Board to decide on the advisability of this procedure.

SPECIAL MISCELLANEOUS

1. Recommendations as follows from Mr. May and Mr. Foster:
- Increase in the minimum student wage rate from 75 cents to 80 cents per hour.
 - Equalization of dormitory rates for men and women.

After discussion, on motion of Mr. Mueller, seconded by Mr. Armstrong, it was voted to authorize the increase in the minimum student wage rate as indicated above; to be effective September 15, 1952; and to set the dormitory rate for the fall term at \$215 per person, with the understanding that this rate is subject to change if increase in costs makes it necessary. The rate is to be the same for men and women.

SPECIAL MISCELLANEOUS, continued

2. In accordance with the authority granted to the President, Secretary, and Comptroller, the following fund transfers were made on June 30 prior to the closing of the year's business:

| | |
|--|------------------|
| Veterinary Building, Change Orders | \$ 25,307.23 |
| Physics Building, Equipment | 1,000.00 |
| Power Plant, Alterations and Improvements | 8,580.88 |
| Basic College, Bacty Building, Bacty Annex - Building Alterations | 80,000.00 |
| (Overrun of expenditures over \$225,000 appropriated by State of Michigan) | |
| Western Conference Fencing Meet | 145.72 |
| Western Conference Swimming Meet | 502.64 |
| Acquisition of land | <u>50,000.00</u> |

\$165,536.47

Approval of fund transfers made on June 30, 1952

On motion of Mr. Mueller, seconded by Mr. Brody, it was voted to approve the above item.

Approval of 1952-53 budget.

3. The detailed budget for the 1952-53 school year has been distributed to the Board members for formal approval.

On motion of Mr. Brody, seconded by Miss Jones, it was voted to approve the budget as distributed for 1952-53.

4. Report from Mr. May that the power plant modernization program approved by the Board in the 1950-51 year has been completed with the exception of two small items which are not now considered necessary and one item which is still on the list of work which should be done. Listed below are new projects totaling \$59,910 which Mr. May and Mr. McDonel recommend to the Board for approval. There is one item marked with an asterisk which will be undertaken only after approval by Commonwealth Associates:

Projects totaling \$59,910 approved in connection with power plant modernization.

- a. To finish and equip new reservoir and pumping station, items are required as follows:

| | |
|---|------------|
| Steel ladders and walks to give dependable, safe access for the operation of certain equipment and valves | \$400 |
| Hot water heater to provide hot water for cleaning building and equipment | 150 |
| Installation of electric space heaters. There is no adequate space heat in the whole station | <u>200</u> |
| | \$750 |

- b. Cleaning and repairs for No. 8 well. Needed to improve water delivery from well and to recondition pump which has been in almost continuous service since 1940
- \$2,500

- c. Labor to extend vent piping for turbine condensers above walk and windows of turbine room. Needed to prevent vented steam coming into turbine room causing loss of vision and causing damage to electrical equipment
- 500

- d. Labor for the installation of a small desuperheater. Needed to supply steam to drive forced draft fans for boilers in North Campus Plant and when warming high pressure steam piping connecting the two boiler plants. This desuperheater was purchased with funds from account 8805. This account was closed before the installation could be started.
- 800

- e. Installation only of flow-meters for steam entering and leaving turbines in North Campus Plant. Meters are being purchased with funds from the 1951-52 Power Plant equipment budget. Needed to more efficiently operate turbine-generators and to provide a record of steam used for heating.
- 3,000

- f. Sump pumps for Nos. 9, 10, and 11 wells to give permanent access to the meters and equipment and to cut down deterioration of electrical and mechanical equipment.
- 560

- g. Condensation return pipe to connect return pipe in vault located at southwest corner of Food Stores Building with 5-inch return pipe leaving South Campus Boiler Plant via Shaw Lane to Farm Lane. Needed to handle condensate from Stadium, Food Stores and new Laundry and to replace existing 2-inch return which is leaking inside Ric-Wil in which it is encased with steam supply pipe for Food Stores and Stadium. To prevent removal of an indefinite length of this Ric-Wil in which steam pipe is suffering corrosion damage from the outside. Urgent.
- 2,500

- h. Installation of 3-inch pipe from No. 12 well to existing water main near No. 10 well needed to deliver water from No. 12 well to reservoir, to improve chlorination control and general quality of water in temporary housing and brick apartments area.
- 2,500

SPECIAL MISCELLANEOUS, continued

Power plant
modernization
approved.

4. Power Plant modernization program, continued:

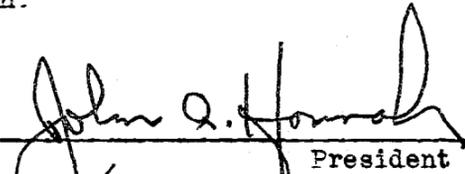
- | | |
|--|---------|
| i. Cleaning and repairs for No. 12 well. Needed to improve quality of water in temporary housing area. | \$2,500 |
| *j. Drainable roller slide bunker gates for eight coal bunkers in North Campus Plant. Needed to prevent leaking of rain and snow water from bunkers. This water corrodes and damages fronts of stokers, boiler room floor and equipment in basement space below stokers. | 4,000 |
| k. A new 14-inch well | 16,000 |
| l. Complete river circulating water piping to improve condenser cooling water flow and decrease water rate on turbines. | 20,000 |
| m. Install totalizing recording watt and var demand meters so that actual load on the College electrical system can be determined and continuously monitored. | 2,500 |
| n. Cover present deaerating feedwater heater located on turbine room roof at the North Campus Plant with waterproof insulation. | 1,800 |

When it appeared necessary to build a chimney for the new power plant, we appropriated \$100,000 out of year-end balances to cover part of the cost. That amount was to be added to any balance in the Victory Building Appropriation. When the Victory Building appropriation was completed, we had available \$82,827.93. The total cost of the chimney was \$119,518. Therefore, after using the Victory Building funds, the balance of the contract, amounting to \$38,173.68, was charged to the Board appropriation. It is recommended that the unexpended balance of \$61,929.32 in the chimney account be re-appropriated for the above-listed projects.

On motion of Mr. Armstrong, seconded by Miss Jones, it was voted to approve the above items.

The Board adjourned at 3:15 p.m.

It was decided to have the next meeting on Friday, September 19th.


President


Secretary