The Clemson Agricultural College
Clemson, South Carolina

MINUTES
of the meeting of
THE CLEMSON AGRICULTURAL COLLEGE
BOARD OF TRUSTEES
held at The Wade Hampton Hotel
March 21, 1958

The Board convened at 9:30 a.m. with the following members present:
Messrs. R. M. Cooper, President of the Board, Presiding; W. A. Barnette, Edgar
A. Brown, Robert S. Campbell, J. F. McLaurin, A. M. Quattlebaum, Paul Sanders,
Winchester Smith, Robert L. Stoddard and T. B. Young.

Messages from Mr. Byrnes, Mr. Daniel and Mr. Thornhill expressing
regret at being unable to attend were conveyed to the Board. Mr. Thornhill's
absence was due to illness and the Secretary was requested to write Mr.
Thornhill extending the good wishes expressed by the Board.

Others present were R. F. Poole, M. A. Wilson, R. C. Edwards, H. E.
Glenn, W. L. Watkins and G. E. Metz.

Item 1. Minutes of the Meeting of February 7, 1958. The Chairman asked
if there were any corrections to the minutes of the meeting held on February 7,
1958. There were no corrections or additions and the minutes were approved.

Agricultural Committee Recommendation: The Agricultural Committee endorsed
for the approval of the full Board the following as "Rulings of the Fertilizer
Board of Control 1958", to be effective July 1, 1958:

RULINGS OF THE FERTILIZER BOARD OF CONTROL 1958

By virtue of the power vested in the Fertilizer Board
of Control by the laws of the State of South Carolina re-
ating to commercial fertilizer, the following regulations
are hereby promulgated and issued:

(a) That the minimum grade for the 1-3-3 ratio be
4-12-12 with the exception of the 3-9-9 grade branded
and sold exclusively as a tobacco fertilizer.

(b) That the maximum chlorine guarantee in fertilizers
branded for tobacco, side dresser, not exceed 5%,
tobacco, general crop, not exceed 3%, and fertilizers
branded for tobacco plant beds not exceed 1%.

(c) That registrants attaching a tag or label to commer-
cial fertilizer, showing any material used as a source
of nitrogen, phosphoric acid or potash be required to
show the entire open formula, namely the pounds per
100 pounds and analysis of each, used in compounding
the fertilizer mixture. This is in compliance with
Section 4-D of the South Carolina Fertilizer Law.

Board Action: Approved.
Item 3. Changes in Fertilizer Ratios and Minimum Analysis Grades (and "Plus" Brands)

Agricultural Committee Recommendations:

(1) That, effective July 1, 1958, the 2-3-1 ratio, minimum analysis grade 6-9-3, be deleted.

(2) That, effective July 1, 1958, the 4-4-1 ratio, minimum analysis grade 20-20-5 for use principally as a fish pond fertilizer, be added.

(3) That "plus" brands of fertilizers not be permitted after July 1, 1958.

(4) That effective July 1, 1959, the ratio 2-5-3 (minimum analysis grade 4-10-6) and the ratio 1-2-1 (minimum analysis grade 5-10-5) be deleted.

Board Action: Approved.

Item 4. Fertilizer Irregularities and Recommended Penalties

Agricultural Committee Recommendation: That the penalties recommended in the Report to Fertilizer Board of Control, February 1958, be approved.

Board Action: Approved.

Item 5. Head of Horticultural Department

Report of the Agricultural Committee: Mr. McLaurin reported that Mr. A. M. Musser had retired on January 31 and that Dr. O. B. Garrison, Director of the Agricultural Experiment Station, had been directing the work of the Horticultural Department since that time. He reviewed for the information of the Board the efforts which had been made to find a suitable replacement and submitted the recommendation given below.

Agricultural Committee Recommendation: That Dr. T. B. Hagler, Associate Horticulturist at Alabama Polytechnic Institute, be appointed Head of the Horticultural Department.

Board Action: Approved.

Item 6. Curriculum in Applied Mathematics

Statement: The Mathematics Department has requested authorization to establish a curriculum in Applied Mathematics and has submitted a tentative curriculum outline to show the nature of the desired curriculum. This request has been endorsed by the Curriculum Committee of the School of Arts and Sciences, by Dean Hunter, by the college Committee on Curricula, and by the Educational Council.

The past ten or fifteen years have seen a revolution in the applications of mathematics. Previous to this time, about the only field open to a mathematics major was teaching. But with the advent of nuclear energy programs, computers, and automation, the demand for mathematicians has skyrocketed. It has been said by a leader in the nuclear energy field that mathematicians are perhaps the most sought-after and the most difficult to obtain of any of the professional men employed by the industry.

The establishment of a curriculum in Applied Mathematics at Clemson is highly desirable and feasible as shown in the following outline:

(1) Since no equipment is needed and all of the required courses are at present being offered, there should be no additional expense involved.
(2) This curriculum would be an ideal background for the Master's program in Nuclear Science which has just been announced.

(3) There would be no duplication of a similar program in the state since there are only two or three colleges in the country offering a curriculum in Applied Mathematics at this time. For this reason it should attract the better students who are now leaving South Carolina for training in this field.

(4) It would increase registration in courses now offered as service courses for other curriculums in the college and which have uneconomical minimal enrollments.

(5) It would improve professional morale by providing a major in the department teaching the largest number of student contact hours in the college, and in consequence make it easier to secure and keep faculty members in this area.

(6) It would add to the desperately short supply of trained mathematicians available for both teaching and industry.

Recommendation of the Committee on Educational Policy and Student Affairs: That the establishment of a curriculum in Applied Mathematics be authorized.

Board Action: The Board authorized the establishment of a curriculum in Applied Mathematics.

Item 7. Head of Department of English and Modern Languages

Statement: When Mr. H. M. Cox was made Acting Head of the Department of English he was carefully selected for the position and it was understood that he would be made Head of the Department when he received his doctorate. He has been doing an excellent job as acting head of the department which is now the Department of English and Modern Languages, and he was awarded his Ph. D. from the University of Pennsylvania early in February.

Recommendation of the Committee on Educational Policy and Student Affairs: That the Administrative title of Professor H. M. Cox be changed from Acting Head to Head of the Department of English and Modern Languages.

Board Action: Approved.

Item 8. Initial Group of Faculty Members to be Granted Tenure

Statement: The Tenure Policy approved by the Board of Trustees in October 1957 includes as a concluding note the following paragraph:

"Those members of the academic and research faculties who are eligible and are recommended for tenure at the time of the adoption of this policy shall immediately acquire tenure upon the approval of the Board of Trustees."

Since the phrase "upon the approval of the Board of Trustees" was added at the Board meeting, this has been construed to mean that the Board of Trustees wishes to approve the list of this initial group to be granted tenure--those who presently qualify and are recommended on the basis of service prior to the adoption of the tenure policy.

Accordingly the status of each member of the academic and research faculties has been carefully re-reviewed, and lists have been compiled by schools of those now eligible and recommended for tenure effective with Board approval of the total list.

This is the second extensive review. Before the Tenure Policy was recommended to the Board, all departments and schools were called on for
special considerations and recommendations on all individuals. In a number of cases titles were changed, with Board-of approval, so that holders of certain positions would not qualify for tenure. There was careful deliberation in every case, and every individual listed for approval was individually recommended. This process was repeated for preparation of the lists now being recommended, considering of course modifications made in the Tenure Policy while it was under Board consideration.

Recommendation of the Committee on Educational Policy and Student Affairs: Under the Tenure Policy adopted by the Board of Trustees in October 1957, the following members of the Academic and Research Faculties are eligible for tenure, and it is recommended that they be granted tenure in the ranks indicated:

<table>
<thead>
<tr>
<th>Name of Faculty Member</th>
<th>Rank for Which Tenure is Recommended</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SCHOOL OF AGRICULTURE</strong></td>
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<tr>
<td><strong>Agricultural Economics and Rural Sociology</strong></td>
<td></td>
</tr>
<tr>
<td>Aull, G. H.</td>
<td>Professor of Agricultural Economics Agricultural Economist</td>
</tr>
<tr>
<td>Bauknight, L. M.</td>
<td>Associate Professor of Agricultural Economics</td>
</tr>
<tr>
<td>Boyd, V. A.</td>
<td>Associate Professor of Rural Sociology Associate Rural Sociologist</td>
</tr>
<tr>
<td>Crawford, D. E.</td>
<td>Associate Agricultural Economist</td>
</tr>
<tr>
<td>Malphrus, L. D.</td>
<td>Associate Agricultural Economist</td>
</tr>
<tr>
<td>Miles, J. F.</td>
<td>Associate Agricultural Economist</td>
</tr>
<tr>
<td>Stepp, J. M.</td>
<td>Professor of Agricultural Economics Agricultural Economist</td>
</tr>
<tr>
<td>Todd, B. J.</td>
<td>Associate Professor of Agricultural Economics Associate Agricultural Economist</td>
</tr>
<tr>
<td><strong>Agricultural Education</strong></td>
<td></td>
</tr>
<tr>
<td>Bowen, W. C.</td>
<td>Associate Professor of Agricultural Education</td>
</tr>
<tr>
<td>Kirkley, F. E.</td>
<td>Associate Professor of Agricultural Education</td>
</tr>
<tr>
<td>Monroe, J. B.</td>
<td>Professor of Agricultural Education</td>
</tr>
<tr>
<td>Stribling, B. H.</td>
<td>Associate Professor of Agricultural Education</td>
</tr>
<tr>
<td>White, T. A.</td>
<td>Professor of Agricultural Education</td>
</tr>
<tr>
<td><strong>Agricultural Engineering</strong></td>
<td></td>
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<tr>
<td>Balk, W. A.</td>
<td>Associate Agricultural Engineer</td>
</tr>
<tr>
<td>Craig, J. T.</td>
<td>Assistant Professor of Agricultural Engineering</td>
</tr>
<tr>
<td>Dunkelberg, G. H.</td>
<td>Professor of Agricultural Engineering Agricultural Engineer</td>
</tr>
<tr>
<td>McAdams, W. N.</td>
<td>Associate Professor of Agricultural Engineering Associate Agricultural Engineer</td>
</tr>
<tr>
<td>Rogers, E. B.</td>
<td>Associate Professor of Agricultural Engineering</td>
</tr>
<tr>
<td>Snell, A. W.</td>
<td>Professor of Agricultural Engineering Agricultural Engineer</td>
</tr>
</tbody>
</table>
Agronomy

Boykin, W. B. Associate Professor of Agronomy
Collings, G. H. Professor of Soils Agronomist
Eskew, E. B. Associate Agronomist
Harrell, D. C. Associate Agronomist
Jones, C. M. Associate Professor of Agronomy
Jones, J. W. Professor of Agronomy Associate Agronomist
Manwiller, A. Associate Plant Breeder
Paden, W. R. Agronomist
Page, N. R. Associate Agronomist
Peele, T. C. Soil Scientist
Shelley, R. C. Associate Professor of Agronomy

Animal Husbandry

Cook, J. R. Associate Professor of Animal Husbandry
Godbey, E. G. Animal Husbandman
Godley, W. C. Professor of Animal Husbandry
Ritchie, R. R. Professor of Animal Husbandry
Wheeler, R. F. Professor of Animal Husbandry
Woods, S. G. Assistant Animal Husbandman

Botany and Bacteriology

Albert, W. B. Associate Plant Physiologist
Armstrong, G. M. Professor of Botany Plant Pathologist
Bond, J. H. Associate Professor of Bacteriology
Epps, W. M. Plant Pathologist
Foster, H. H. Associate Plant Pathologist
Holdeman, Q. L. Associate Plant Pathologist
Mathews, A. C. Associate Professor of Botany
Rush, J. M. Associate Professor of Bacteriology
Rutledge, R. W. Associate Professor of Botany
Whitney, J. B. Professor of Botany

Chemistry Research

Webb, H. J. Chief Chemist

Dairy

Brannon, C. C. Associate Professor of Dairying
Goodale, B. E. Professor of Dairying
Graham, D. M. Associate Professor of Dairying Associate Dairy Husbandman
Dairy (con'd)
Hurst, Victor  
Associate Professor of Dairying  
Associate Dairy Husbandman

King, W. A.  
Professor of Dairying  
Dairy Husbandman

Lazar, J. T.  
Associate Professor of Dairying

Entomology and Zoology
Anderson, G. W.  
Associate Professor of Zoology and Veterinary Medicine

Cochran, J. H.  
Professor of Entomology and Zoology  
Entomologist

Farrar, M. D.  
Professor of Entomology and Zoology

Kirk, V. M.  
Associate Entomologist

Reed, J. K.  
Associate Entomologist

Ware, R. E.  
Associate Professor of Entomology and Zoology

Forestry
Goebel, N. B.  
Associate Forester

Lehotsky, K.  
Professor of Forestry

Horticulture
Garrison, O. B.  
Professor of Horticulture  
Horticulturist

Hughes, M. B.  
Horticulturist

Martin, J. A.  
Associate Horticulturist

Sefick, H. H.  
Associate Professor of Horticulture  
Associate Horticulturist

Senn, T. L.  
Associate Professor of Horticulture

Thode, F. W.  
Associate Professor of Horticulture

Van Blaricom, L. O.  
Associate Professor of Food Technology  
Associate Food Technologist

Nutrition
Lease, E. J.  
Nutritionist

Poultry
Boone, M. A.  
Associate Poultryman

Cooper, J. B.  
Associate Professor of Poultry Husbandry  
Associate Poultryman

Morgan, C. L.  
Professor of Poultry Husbandry  
Poultryman

Richey, D. J.  
Associate Poultry Pathologist

1 Has research experience with Clemson above the rank of Research Assistant

2 Has teaching experience with Clemson above the rank of Instructor
SCHOOL OF ARTS AND SCIENCES

Armstrong, P. L.  
Bair, G. E.  
Bell, M. C.  
Biggs, G. W.  
Bolen, C. W.  
Brewster, J. P.  
Brook, J. L.  
Brown, J. W.  
Brownley, F. I., Jr.  
Burner, F. A., Jr.  
Carodemos, P.  
Carpenter, C. H.  
Caskey, C. O.  
Coker, E. C., Jr.  
Cox, H. M.  
Davis, C. G.  
Deem, J. A.  
Dinwiddie, J. G., Jr.  
Epting, C. L.  
Felder, H. M., Jr.  
Green, C. B.  
Green, J. C.  
Harden, J. C., Jr.  
Hobson, J. H.  
Hodges, B. H.  
Holt, A. H.  
Huff, L. D.  
Hunter, H. L.  
Kinard, F. M.  
Kirkwood, C. E., Jr.  
LaGrone, J. W.  
Lander, E. M., Jr.  
Lane, J. D.  
Lindsey, T. J.  
Macaulay, H. H., Jr.  
MacIntosh, F. H.  
McGarity, C. E., Jr.  
Mauldin, W. L.  
Miller, J. E.  
Miller, W. G.  
Owings, M. A.  
Park, E.  
Polk, H. T.  
Purser, D. I.  
Reed, A. R.  
Royse, C. E.  
Schirmer, F. B., Jr.  
Shackelford, M.  
Sheldon, D. C.  
Stanley, E. L.  
Stuart, C. M.  
Sullivan, J. R.  
Trevillian, W. D.  
Tuttle, J. E.  
Waite, E. E., Jr.  
Watson, C. H.  
William, J. K.  
Wilson, M. B., Jr.  
Winter, J. P.  
Wood, K. L.  
Wood, Roy

SCHOOL OF ENGINEERING

Adams, L. C.  
Ball, W. L.  
Banister, R. A.  
Bradbury, D. W.  
Brock, D. C.  

Assistant Professor of Mathematics  
Associate Professor of English  
Associate Professor of Mathematics  
Associate Professor of Economics  
Professor of History and Government  
Professor of Mathematics  
Professor of Vocational Education  
Assistant Professor of Mathematics  
Professor of Chemistry  
Associate Professor of Sociology  
Professor of Chemistry  
Assistant Professor of History and Government  
Assistant Professor of English  
Associate Professor of Mathematics  
Professor of English  
Assistant Professor of Industrial Management  
Associate Professor of Modern Languages  
Associate Professor of Chemistry  
Professor of History and Government  
Assistant Professor of English  
Professor of English  
Assistant Professor of Mathematics  
Professor of Mathematics  
Professor of Chemistry  
Assistant Professor of Chemistry  
Professor of Physics  
Professor of Mathematics  
Professor of Economics  
Associate Professor of Economics  
Professor of Chemistry  
Associate Professor of Physics  
Professor of Physics  
Professor of Mathematics  
Associate Professor of Mathematics  
Assistant Professor of Mathematics  
Assistant Professor of Mathematics  
Professor of Industrial Management  
Assistant Professor of History and Government  
Associate Professor of Sociology and Psychology  
Assistant Professor of English  
Professor of History and Government  
Associate Professor of English  
Assistant Professor of English  
Assistant Professor of Physics  
Associate Professor of Economics
SCHOOL OF ENGINEERING (Cont'd)

Carter, C. W. Assistant Professor of Drawing and Design
Cook, J. C., Jr. Professor of Mechanical Engineering
Couch, J. H. Associate Professor of Industrial Engineering
Edwards, J. L. Associate Professor of Mechanical Engineering
Elmer, A., Jr. Associate Professor of Architecture
Ford, J. M., Jr. Associate Professor of Civil Engineering
Freeman, E. J. Professor of Industrial Engineering
Goodin, C. P. Assistant Professor of Electrical Engineering
Gunnin, E. A. Associate Professor of Architecture
Hammond, A. F. Assistant Professor of Drawing and Design
Hudson, W. G. Assistant Professor of Mechanical Engineering
Hunter, J. H. Associate Professor of Civil Engineering
Lewis, A. D. Professor of Mechanical Engineering
Littlejohn, C. E., Jr. Professor of Chemical Engineering
Lowry, W. L., Jr. Professor of Civil Engineering
McHugh, C. M. Associate Professor of Drawing and Design
Means, G. C., Jr. Associate Professor of Architecture
Meeks, C. D. Assistant Professor of Industrial Engineering
Moorman, R. W. Professor of Engineering Mechanics
Moss, A.A. Assistant Professor of Civil Engineering
Poe, H. V. Associate Professor of Electrical Engineering
Rausch, K. W. Professor of Mechanical Engineering
Robinson, G. C. Professor of Ceramic Engineering
Rostron, J. P. Associate Professor of Civil Engineering
Sams, J. H. Professor of Mechanical Engineering
Trively, I. A. Professor of Civil Engineering
Watson, S. M. Professor of Mechanical Engineering
Young, J. L. Assistant Professor of Architecture

SCHOOL OF TEXTILES

Campbell, T. A., Jr. Associate Professor of Textile Management
Cartee, E. F. Professor of Weaving and Designing
Efeland, T. C. Associate Professor of Weaving and Designing
Gage, Gaston Professor of Carding and Spinning
Graham, J. S. Assistant Professor of Textile Management
Heyn, A. N. J. Professor of Natural and Synthetic Fibers
Hubbard, J. C., Jr. Associate Professor of Weaving and Designing
Jameson, L. H. Associate Professor of Weaving and Designing
Langston, J. H. Professor of Chemistry and Dyeing
LaRoche, E. A. Associate Professor of Textile Management
Lindsey, W. P. Professor of Chemistry and Dyeing
McKenna, A. E. Professor of Weaving and Designing
Marvin, J. H., Jr. Assistant Professor of Yarn Manufacturing
Rainey, W. T., Jr. Associate Professor of Chemistry and Dyeing
Richardson, J. L. Assistant Professor of Textiles
Tarrant, W. E. Associate Professor of Weaving and Designing
Thompson, J. L. Associate Professor of Yarn Manufacturing
Thomson, D. F. Associate Professor of Yarn Manufacturing
Walters, J. V. Associate Professor of Weaving and Designing
Whitten, W. C. Associate Professor of Weaving and Designing
Williams, W. B. Associate Professor of Weaving and Designing
Wilson, H. B. Assistant Professor of Textiles
Wray, C. V. Associate Professor of Textile Management

Board Action: The Board approved the granting of tenure in the ranks indicated to all individuals listed above.
Item 9. Consideration of Cooperative Education at Clemson

Report Through the Committee on Educational Policy and Student Affairs: At the meeting of October 23, 1957, the Board of Trustees directed the Dean of the College to submit through the Committee on Educational Policy and Student Affairs "a comprehensive report of progress on cooperative education at Clemson." This report has been prepared and submitted in compliance with that directive and is presented in full in the AGENDA-RECOMMENDATIONS AND REPORTS, March 21, 1958.

The report was distributed to the Committee in advance of the meeting on March 1, and at the meeting of the Committee the Dean of the College reviewed the highlights of the report. The Committee discussed the various sections of the report and concurred in the conclusions and recommendations.

Recommendation Endorsed by the Committee: The Committee on Educational Policy and Student Affairs endorsed for approval of the Board the recommendation that the college should continue to encourage and assist students in securing summer work, part-time work during the regular session, and other aids but that it would not be wise at this time to introduce a formal program in cooperative education in any part of the college.

Board Action: Approved.

Item 10. School of Architecture

Report of Committee on Educational Policy and Student Affairs: Mr. Stoddard reported upon the consideration given by the Committee to the administrative organization of Architecture. He referred to the recommendation of the Architectural Department and the request of the South Carolina Chapter of the American Institute of Architects that Architecture at Clemson be separately administered from the School of Engineering and established as a separate School of Architecture.

Mr. Stoddard reviewed the action of the Educational Policy Committee on March 1 in appointing a sub-committee to consider this matter, and reported upon the meeting of the sub-committee on March 20 at which representatives of the SCAIA and the Clemson Architectural Foundation along with representatives of the administration were present to discuss the matter.

Recommendation of the Committee on Educational Policy and Student Affairs: Mr. Stoddard presented the recommendations of the Committee that effective July 1, 1958, (1) that Architecture be separately administered from the School of Engineering and established as a School of Architecture and (2) that Mr. Harlan E. McClure be appointed Dean of the School of Architecture at a Dean's salary.

Board Action: Approved.

Item 11. Official Residences

Report Through the Development Committee: Following the February 7, 1958 meeting of the Board the College Building Committee took steps to revise the plans and specifications of the two official residences to bring the estimated cost down within the limit of the funds available. The revision of the plans for Official Residence No. 1 (President's Residence) included the deletion of the sun porch, rear porch, men's room on first floor, one bathroom on the second floor, and certain changes in the inside and outside finishing work to reduce the estimated cost to the extent necessary. The plans and specifications for Official Residence No. 2 (Residence for Vice President for Development) were completely revised and a new set of drawings is yet to be made.

Recommendations: (1) That the administration be authorized to proceed with the advertising for bids and the receiving of proposals for the construction of Official Residence No. 1, based upon the original plans and specifications as amended, and (2) That the administration be authorized to proceed with the preparation of plans and specifications on the revised drawing for Official Residence No. 2, and, when the plans and specifications are complete, to advertise for bids and receive proposals for the construction of this residence.

Board Action: Approved.
Item 12. Renovation of Riggs Hall

Statement Through the Development Committee: In accord with the Building Program authorized by the Board on March 15, 1957 and Tuition Bond Resolution adopted by the Board on October 4, 1957, the sum of $100,000 is available for renovations and equipment in Riggs Hall. Plans are under way for certain renovations of the electrical wiring and power system calling for the services of an engineering firm to make plans and specifications for this portion of the renovation program. Plans and specifications for the repair and maintenance items can be prepared by selected personnel of the College.

Recommendations:

1. That the college administration be authorized to retain the engineering consulting firm of Campbell and Leppard of Greenville, S. C., to prepare plans and specifications for certain mechanical and electrical work in connection with the renovation of Riggs Hall. The fee for this work is to be 6% of the contract price, including supervision of the work.

2. That the college administration be authorized to use the services of selected personnel of the college for preparing the plans and specifications for the repair and maintenance items called for in the renovation of Riggs Hall.

Board Action: The recommendations were approved.

Item 13. Right-of-Way across Land -- Pee Dee Experiment Station

Recommendation: That a right-of-way be granted the Carolina Pipeline Company across a narrow strip of land at the northern area of the Pee Dee Experiment Station at Florence, for a distance of 425 feet and a width of 40 feet for the purpose of constructing and maintaining an underground pipeline. The Station will be paid $13.00 for this privilege and the line will be laid at a sufficient depth so as not to interfere with any surface experiments or cultivation.

Board Action: Approved.

Item 14. Hartwell Dam Project -- Sub-Committee Report and Recommendation

Statement:

1. The plan for the modified diversion of Seneca River has been approved by the Congress.

2. The Secretary of the Army has been directed to negotiate with the College as to the compensation to be paid to the College and as to whether sewage treatment plant is to be provided.

3. The USDA has expressed unwillingness to recommend plans for the re-arrangement of agricultural facilities.

4. The Corps of Engineers has expressed informally its readiness to begin discussions looking toward settlement.

5. Discussions of amounts of damages should not be undertaken until an estimate is prepared as to the probable cost to the College of necessary relocations.

Recommendation: That the Administration continue its study of the relocations, particularly of agricultural departments and facilities, made necessary by the taking of lands for Hartwell Dam, and submit to the Board at its June meeting a master plan with estimates of costs including costs of additional lands found to be necessary and available. Since the reinvestment of L. U. funds will be important, the plan should be discussed with the USDA before submission.

Board Action: Approved with the further provision that this action in no way limits the authority of the Hartwell Dam Sub-Committee including the authority and responsibility to deal with any state and federal agencies.
Item 15. Retention Beyond Retirement Age -- Dr. Irven R. Cooper

Board Action: By action of the Board, the current retention of Dr. Irven R. Cooper, Assistant State Veterinarian, beyond age 65 was confirmed and his services retained for another year ending June 30, 1959.


Statement: Mr. David D. Porter, Visiting Professor of Physics, and Mr. Caryl H. Bovell, Associate Professor of Electrical Engineering, are both over sixty-five years of age and are being continued on our teaching staff this year by special approval of the Board of Trustees at the meeting of March 15, 1957. By Board permission both were employed over age, and both are serving in fields where there is a critical shortage of manpower and where members of the staff are temporarily on study leave. In both cases the departments have requested permission to continue these men through 1958-1959, and the requests appear most reasonable.

The Physics Department has two men on study leave, one of whom expects to complete his doctorate in August 1959 and the other a year later. The Electrical Engineering Department has two men on study leaves who wish to continue their leave next year, and a third man under serious consideration to be granted a leave for nuclear study at the Savannah River Plant.

Professors Porter and Bovell are both capable and well able to continue their services which of course will be on a temporary basis. All efforts to secure other personnel, especially on a temporary basis, have been unsuccessful.

Recommendation: That Professors David D. Porter and Caryl H. Bovell be retained for another year, terminating on August 31, 1959.

Board Action: Approved.

Item 17. Permission to Employ Retired General Duty Nurse for Emergency Help

Statement: Mrs. Gertrude V. Berndt who has been previously employed as a general duty nurse on several occasions was retired on June 30, 1957, after reaching age 65. Dr. Judson E. Hair, Director of the Student Health Service, wishes to employ her for emergency help on a day-by-day basis when he cannot secure adequate nursing help among people who are under retirement age and when conditions justify the employment of such emergency help.

Recommendation: That authority be granted to employ Mrs. Gertrude V. Berndt for emergency help as a general duty nurse on a day-by-day basis when necessary.

Board Action: The Board concurred in the President's recommendation.

Item 18. Request of W. H. Washington for Retention Beyond Age 65

Transmitted by the President as Requested: As requested by Mr. W. H. Washington I have transmitted to the Executive Committee of the Board his letter of December 17, 1957 requesting retention beyond age 65. I have written Mr. Washington that I am sure that the Board will not endorse any plan for his continuance, but I promised him that I would transmit his letter to the Executive Committee.

Board Action: The Board concurred in the President's recommendation that Mr. Washington not be retained beyond age 65.
Item 19. Honorary Degrees

List Approved: The Board approved the awarding of honorary doctorates at the June 1958 Commencement to the individuals whose names are listed below (There was one dissenting vote, that of Mr. R. S. Campbell, who asked to be recorded as opposed to awarding an honorary degree to Mr. W. C. Friday, President of the Consolidated University of North Carolina):

JAMES LIDE COKER, III, President of Sonoco Products Company
GEORGE ROBERT LUNZ, Director of Bears Bluff Laboratories
ERVIN L. PETERSON, Assistant Secretary of Agriculture
B. RHETT TURNIPSEED, Methodist Minister
WILLIAM C. FRIDAY, President of the Consolidated University of North Carolina
JAMES N. McBRIDE, General Agricultural Agent, Seaboard Air Line Railroad Company

Item 20. Airport

Memorandum to Senator Edgar A. Brown: At the request of Senator Brown, Mr. W. L. Watkins read the following memorandum of March 19, 1958 from Mr. G. C. Merchant, Jr., Director, South Carolina Aeronautics Commission:

"MEMO TO SENATOR EDGAR A. BROWN:

Attached is a preliminary estimate on a proposed Clemson-Oconee County Airport.

"The sponsor's share of cost, less the hanger, is $283,800 which would be matched by the Federal Government. In the sponsor's share of $283,800, the government would also allow 50% of the cost of land acquisition by the sponsor, provided the land was acquired subsequent to May 13, 1946, which it is understood would apply in this case since the land was acquired by Clemson around 1949 for a sum of $31,000. The Federal Government will not participate in the cost of land acquisition if property is transferred from one political subdivision to another. Hence, if Oconee County is sponsor in this proposed project, it would necessitate the transfer of the land involved from Clemson to the County and the land cost would not be eligible for Federal participation. The Bill introduced in the present session of the General Assembly authorizing Clemson College to build and operate a public airport complies with Civil Aeronautics Administration criteria and if passed will make Clemson an eligible and qualified sponsor under the terms of the Federal Airport Act.

"It is possible for a proposed project such as this to be developed by stage. In order for this stage development to apply, however, it is necessary that the initial stage render the airport in usable condition. In this connection, according to the preliminary engineering estimate, it would be necessary to have the following done to affect a usable facility:

a. Legal Fees 606.00
b. Clearing 6,750.00
c. Clearing and Grubbing 8,000.00
d. Unclassified Excavation 167,200.00
e. Slope Drains 2,000.00
f. Storm drains, pipes and basins 23,800.00
g. Turfing 12,800.00

Total $ 221,156.00

"Of this total, the sponsor's share would be $110,578. The sponsor may expect a credit of $15,500 from the Federal Government for participation in land acquisition. Hence, the sponsor's share would be an approximation of $95,078.00."
"The present Federal Airport Act expires June 30, 1959, but it is expected that the act will be renewed for another four year period. Thus, the Clemson project could be developed by annual stages which would later include paving, lighting, marking, and hangar and administration building construction.

"G. C. Merchant, Jr. Director"
(South Carolina Aeronautics Commission)

Board Action: The Board consented to Clemson's becoming the sponsor for the Clemson-Oconee County Airport with the expectation that Oconee County would assist in the project and that the eventual operation and maintenance of the Airport would not be the full responsibility of the College.

Item 21. Agricultural Projections in South Carolina

Board Request: The Board requested that a future farming program for South Carolina be developed by the College and presented for consideration of the Board at the June meeting.

Item 22. Request from the Press for Open Meetings of the Board

Request: Mr. Cooper referred to the Board a request from Mr. J. Ed Chaffin, Chairman, Freeman of Information Committee of the South Carolina AP News Council, that the Board establish a policy of making the meetings of the Board regularly open to the Press.

Board Action: It was moved, seconded and passed that the request be disapproved.

Item 23. Special Committee

Names Suggested: In compliance with the request of the Board indicated in Item 31 of the minutes of October 23, 1957, Mr. Cooper suggested the following names for the Committee: Dr. W. A. Barnette, Mr. T. Wilbur Thornhill, and Mr. Winchester Smith from the Board; Mr. J. K. Williams from the faculty; and Mr. Frank J. Jervey from the Alumni.

Item 24. Final Roll Call Vote

Resolution: RESOLVED That all measures and recommendations made at this the March 21, 1958 meeting which, according to the By-Laws, require a roll call vote of nine or more members, be hereby adopted and confirmed, and that the Comptroller be authorized to issue his checks for all expenditures authorized at this meeting.

Item 25. Adjournment. The meeting was adjourned at 1:30 p. m.

CORRECT:

G. E. Metz
G. E. Metz, Secretary

APPROVED:

R. M. Cooper, President