The Board convened at 10 A. M. with the following members present: Messrs. R. M. Cooper, President of the Board, Presiding; W. A. Barnette, Edgar A. Brown, James F. Byrnes, Robert S. Campbell, J. F. McLaurin, A. M. Quattlebaum, Winchester Smith and Robert L. Stoddard. Others present were R. C. Edwards, M. A. Wilson, W. L. Watkins, and G. E. Metz.

Item 1. Ravenel Research Center

Executive Committee Statement: The College recognizes and accepts a definite responsibility to strengthen and expand its technological research as a public service contributing to the continued industrial expansion of South Carolina. Substantial strides have been made in this direction and additional steps must be taken.

In 1955, at the request of the Board of Trustees, the United States Department of Agriculture established at Clemson the Southeastern Regional Cotton Ginning Laboratory. In June 1958, a cooperative agreement with the U. S. B. A. resulted in the establishment at Clemson of the headquarters for a greatly expanding research program in cotton quality and cotton utilization. The Ginning Laboratory is located on a ten-acre tract of college property and the thousand spindle pilot spinning laboratory is housed in the Textile School Building. The establishment of the Ravenel Research Center as described below, and a proposed Saco-Lowell Research and Development Center therein, illustrate further the steps which Clemson is taking to fulfill its responsibilities in the field of research and public service so necessary to improve and expand the economy of South Carolina.

The Board of Trustees has by its record and actions expressed its determination to develop the research facilities of the college and to encourage the location of related public and private research facilities at Clemson in conjunction with this development. In addition, on October 4, 1957 the Board authorized the Executive Committee to sell and convey industrial sites on lands of the college upon receipt of offers in its opinion adequate in amount, from industries which it considers desirable, upon such approval of the Secretary of Agriculture as may be required; and further authorized the President of the Board, if sales are negotiated, to execute in the name of the college and the Secretary of the Board to attest and seal deeds carrying such conveyances into effect.

Acting under the above policies and specific authority, the Executive Committee, upon recommendation of Mr. R. C. Edwards, Acting President, established in October 1958 an industrial research center by designating certain lands as available for lease or sale to industrial organizations for use in constructing and maintaining their industrial research facilities. The lands so designated are located west of the Seneca River and consist of all lands in the original Ravenel tract which are not to be taken by the Federal Government incident to the construction of the Hartwell Reservoir, with such lands more specifically described by a plat prepared by Piedmont Engineering Service under the title of "Ravenel Research Center, Clemson College, South Carolina, October 1958 (Rev. Nov. 1958)." This center was named The Ravenel Research Center.
Executive Committee Recommendation: The Executive Committee recommended that its actions in establishing the Ravenel Research Center be confirmed as a full and final action of the Board of Trustees.

Board Action: It was moved by Mr. Byrnes, seconded by Mr. Smith and unanimously approved that the action of the Executive Committee be confirmed establishing The Ravenel Research Center for the purpose outlined above.

Item 2. Saco-Lowell Site on Ravenel Research Center

Report: Mr. Edwards reported that Surety Life Insurance Company has offered to purchase from the College a tract of approximately 32 acres on the South side of Highway 123 and on the West side of State Highway 210, lying in Oconee County, and being a part of the Ravenel tract of the LU lands for $500.00 per acre, exclusive of the area taken by the United States for the Hartwell Dam project. The purchaser desires this tract for the construction of a research and development center to be leased to Saco-Lowell Shops. The Secretary of Agriculture has agreed to release this parcel from the reversionary condition in the deed from the United States to the College, this release to be upon the condition that the proceeds of sale be used by the College under the provisions of the 1955 Act of Congress, generally for the acquisition of other LU lands, or the development or improvement of LU lands. A satisfactory arrangement is being worked out through the Department of the Interior for the leasing or releasing of the mineral rights reserved to the United States in the deed.

Recommendation: Mr. Edwards recommended that the sale of land as described above be approved.

Board Action: By unanimous action the Board thereupon:

RESOLVED that the parcel of land described by Mr. Edwards, and being particularly shown on a plat made by Piedmont Engineering Service dated November 28, 1958, entitled "Property of Saco-Lowell Shops," be sold and conveyed to Surety Life Insurance Company for the sum of Five Hundred ($500.00) Dollars per acre, excluding the portion thereof taken by the United States for the Hartwell Dam project; that the President of the Board of Trustees be and he is hereby authorized to execute in the name of the College and to deliver said deed, and the Secretary of the Board to attest the same and to affix the seal of the College thereto.

BE IT FURTHER RESOLVED that the proceeds of sale be held subject to reinvestment under the conditions referred to above as determined from time to time by the Executive Committee of the Board.

Item 3. Water Supply for Ravenel Research Center

Statement: In the long-range development of the Ravenel Research Center utilities must be available in the area. Natural gas and electric power can be provided by existing utility facilities, but an adequate water supply is not currently available in the area. It must be provided either by the College or some other facility or agency.

The Oconee County Water Authority has projected plans for the development of a county-wide water system which would extend to and could ultimately supply the water requirements of the Ravenel Research Center.

The construction of Hartwell Reservoir by the U. S. Army Corps of Engineers will disrupt the existing water supply facilities of important industrial firms in the area. This problem is currently being studied and plans for its solution will be developed in due time.
An adequate water supply for the Ravenel Research Center could eventually develop from either or both of the above sources. However, neither possibility will take care of the current situation. Saco-Lowell Shops are ready to begin construction immediately and expect to be operating by July 1, 1959. We cannot successfully interest other organizations in locating their research operations here until an adequate water supply is available. It is the carefully considered opinion of the Administration (1) That we should extend the College water system to serve the area by installing a water line of adequate size and constructing an elevated storage tank of sufficient capacity to serve the entire Ravenel Research Center Area, and (2) That temporary measures to serve Saco-Lowell Shops alone are impractical because such a plan would preclude further immediate expansion possibilities and would also involve waste of funds invested in the temporary water system.

An estimated $250,000 is needed to install a 16" water line, the elevated storage tank, and connecting distribution lines. In informal discussion with the State Treasurer the idea was advanced as to the possibility of Clemson borrowing sufficient funds for a limited time from the State Sinking Fund to finance this expansion. If this plan becomes feasible, a long-range plan for supplying water to the area, including plans for repayment of the loan, can be worked out during the period of the short-term loan.

Recommendations: It was recommended

(1) That the Administration be authorized to work out with the State Budget and Control Board the necessary means for extending the College water system to service the Ravenel Research Center.

(2) That the Administration be authorized, upon approval of the State Budget and Control Board, to borrow the necessary funds on a short-term basis from the State Sinking Fund Commission with the understanding that if long-term financing of this project is not otherwise worked out during the life of the short-term loan that proceeds from State Institution Bonds, issued upon Clemson's request and borrowing potential, be pledged to repay the short-term loan.

Board Action: It was moved, seconded and passed that the recommendations be approved.

Item 4. Dormitory Expansion Plans

Development Committee Statement: On September 26, 1958, the Board authorized the Development Committee to act for the Board on all matters concerning the construction of additional dormitory facilities. In accord with this authorization the Committee has approved the plans for the dormitory construction, and in connection therewith the Committee has specifically authorized the administration:

(1) To provide additional dormitory space as early as possible by expanding the dormitory facilities constructed in 1954 with the addition of two wings of approximately 60 rooms each in locations as originally planned, including an extension on the north end of Section A and a wing to be constructed eastward at the north end of Section F.

(2) To use this construction project in part as means of testing out corrective measures which may later be applied to other units in the dormitory structure, especially as means can be devised (a) to reduce transmission of noise, (b) to provide additional ventilation and reduce excessive heat, and (c) to provide additional privacy for room occupants.

(3) To employ the architectural firm of Lyles, Bissett, Carlisle and Wolff for this project based upon a standard AIA contract except that the cost of a clerk-of-the-works if needed will be borne by the College and the Architect with fifty per cent of the cost assigned to each.
(January 13, 1959)

(4) To advertise for bids to be opened at 3 p. m., February 6, 1959, in the College Chapel.

(5) To apply to the State Budget and Control Board for the issuance of up to $650,000 of Revenue Bonds on a twenty-year pay basis at 4 per cent interest to be dated March 1, 1959.

(6) To retain the firm of Sinkler and Gibbs, Bond Attorneys, to draft the necessary bond resolution and to prepare and edit the bonds.

Development Committee Recommendations:

(1) That the Board concur in and confirm the actions of the Development Committee,

(2) That the Chairman of the Development Committee be authorized to act for the Board at the opening of the bids at 3 p. m. on February 6, 1959, and

(3) That the Board authorize the award of the contract to the lowest acceptable bidder at the opening on February 6 if the bid is within the funds available.

Board Action: The Board concurred in and confirmed the actions outlined in the Committee Statement and approved the recommendations as made by the Committee.

Item 5. Dormitory Expansion Revenue Bonds.

Resolution Introduced: Mr. Edgar A. Brown introduced a resolution, attached hereto as Exhibit A, for the issuance and sale of six hundred and fifty thousand dollars ($650,000) of revenue bonds for the purpose of financing the dormitory expansion.

Board Action: The resolution was seconded by Mr. Winchester Smith, and by a roll call vote was unanimously adopted with nine members present and voting "aye".

Item 6. Physics Building

Proposed Location: Mr. Edwards displayed a proposed location of the Physics Building as given on a plat entitled, "Plot Location Study, Physics—Math Class Rm. Bldg., Clemson College — Baker & Gill, Architects, Florence, S. C." Sections of the building were designated as "A", "B" and "C".

Board Action: Upon recommendation of Mr. Edwards, the Board approved the location of the Physics Building, authorized the construction of section "A", and further authorized the construction of sections "B" and "C" in the order named when sufficient funds are available.

Item 7. Contract for Steam Lines for Samuel Broadus Earle Chemical Engineering Building

Development Committee Action: At the meeting on November 22, 1958, the Development Committee reviewed the bids on Steam Lines for Earle Hall opened 3:00 p. m., November 21. The Committee approved the following recommendation:

That the contract for the construction of Steam Lines for the Samuel Earle Chemical Engineering Building be awarded to the lowest bidder, Poe Piping and Heating Company, Greenville, South Carolina, at the base bid of $21,964 plus alternate Number 1 at $509.
Development Committee Recommendation: That the above action of the Development Committee be confirmed by the Board.

Board Action: It was moved by Mr. McLaurin, seconded by Mr. Smith and passed that the recommendation be approved confirming the action of the Development Committee.

Item 8. Extra Pay for Members of Athletic Department Staff

Recommendation: It is recommended that bonuses be paid to the following members of the Athletic Department Staff and Dr. J. E. Hair for extra work done in connection with Sugar Bowl Game. Funds to be used in paying these bonuses will come from Sugar Bowl Game receipts.

<table>
<thead>
<tr>
<th>Name</th>
<th>Amount</th>
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<tbody>
<tr>
<td>F. J. Howard</td>
<td>$1,125</td>
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<td>R. M. Jones</td>
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<td>R. W. Smith</td>
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<td>C. F. Waller</td>
<td>667</td>
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<td>J. B. McFadden</td>
<td>542</td>
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<td>C. McMillan</td>
<td>500</td>
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<td>J. D. Wade</td>
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<td>H. C. McLellan</td>
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<td>H. McGee</td>
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<td>D. A. Pursley</td>
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<td>J. E. Hair</td>
<td>875</td>
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<td>Sara Elizabeth Mason</td>
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<td>Virginia P. Rhoden</td>
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<td>Mary Joann West</td>
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<td>Jane L. Mulliken</td>
<td>175</td>
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<td>Belva C. Henderson</td>
<td>197</td>
</tr>
<tr>
<td>Total</td>
<td>$8,253</td>
</tr>
</tbody>
</table>

Board Action: It was moved by Mr. Stoddard, seconded by Mr. McLaurin and passed that the recommendation be approved.

Item 9. Dormitory Reservations and Refund Policies

Statement: Beginning the 1956 fall semester a $15.00 room deposit fee was required of all dormitory students. This fee was to be paid at least 30 days prior to dormitory residence and was established for the purpose of pre-housing students before the beginning of a semester and also to obtain advance information as to room requirements for a semester.

By assigning two men to a room, the dormitories will accommodate 2,630 students. On September 10, 1958, a total of 2,873 room deposits had been filed, however, only 2,601 students paid room rental. This resulted in a number of students not being able to obtain a dormitory room the first week of school. Another problem developed when we found that students would withdraw from the dormitory in order to obtain a refund of the $15.00 fee. In several cases these students moved back into the dormitories shortly after the refund had been made.

Recommendations: In order to better administer the assignment of dormitory rooms, it is recommended:

1. That each student desiring room accommodations be required to pay 1/2 semester's rent ($43.00) in advance of the beginning of a semester.

2. That refunds of the advance payment be made only when students notify the college on or before September 1 for the fall semester and on or before February 1 for the spring semester that they will not occupy space assigned in the dormitory.
(January 13, 1959, Continued)

(3) That refunds for the unused part of residence in a quarter be made on a pro-rata basis only to those students who are required to move out of the dormitory because of unusual circumstances.

(4) That no refund be made if the unused period in a quarter is two weeks or less.

Board Action: Approved.

Item 10. Board in Student Dining Hall

Recommendation: Due to increased raw food costs, it is recommended that the dining hall fee be increased from $351.00 to $360.00 per year.

Board Action: Approved.

Item 11. Laundry Rates

Statement: Soon after 1954 when Clemson discontinued being a military college, there was a substantial increase in the amount of finished laundry required by the students. This increase, coupled with the fact that operating costs have increased approximately 22% within the last two years, makes it impossible to finance the operation of the laundry successfully at the present rates. The last adjustment made in student laundry fees was effective September 1952.

Recommendation: That the laundry rate be increased from $40.80 to $49.20 per scholastic year.

Board Action: Approved.

Item 12. Employment and Salary of Mrs. R. F. Poole

Report: Mr. Edwards reported that, in accord with the Board action of June 20, 1958, Mrs. R. F. Poole has been employed by the College effective January 1, 1959 at $385 per month, amounting to an annual salary of $4620. In arriving at the figure of $385 per month, the Administration began with the minimum figure of $300 set by the Board, added $75, the amount of monthly rent which it was necessary to charge for the residence, and an additional $10 based upon increased charges for utilities to bring the rates in line with regular rates charged.

Mr. Edwards reported that Mrs. Poole was assigned to the Student Affairs area as a Counselor responsible to Dean Cox, but was also serving by arrangement in the area of Public Relations. Her duties are to help Dean Cox organize and develop recreational and social programs for small groups of students, to assist the Director of Public Relations in supervising the Calhoun Mansion, to act as a liaison between the College and the U. D. C. organizations especially with reference to the Calhoun Mansion, and to serve in other capacities as may from time to time be appropriate.

Board Action: It was moved, seconded and passed that the actions of the Administration in employing Mrs. Poole be approved.

Item 13. Death of Miss Margaret Maria Calhoun

Report: Mr. Edwards reported that Miss Margaret Maria Calhoun, great-granddaughter of Thomas G. Clemson and great-great-granddaughter of John C. Calhoun, died in Atlanta, Georgia, on Monday night, January 12. He further reported that she did not leave sufficient funds or other resources to provide for proper burial, and that contributions of her friends in Atlanta would have to be supplemented to pay the cost of funeral expenses. Plans for burial in the Calhoun plot at the College Cemetery had been completed.

Board Action: Upon recommendation of Mr. Edwards, the Board approved an expenditure of such funds as necessary to complete payment of the funeral expenses.
Item 14. Sweet Potato Regulations

Agricultural Committee Recommendation: Mr. McLaurin recommended that the action of the Agricultural Committee (South Carolina State Crop Pest Commission) in approving the November 15, 1958 revision of the Sweet Potato Regulations be confirmed by the Board.

Board Action: Approved.

Item 15. Nursery Regulations

Agricultural Committee Recommendation: Mr. McLaurin recommended that the action of the Agricultural Committee (South Carolina State Crop Pest Commission) in approving the November 15, 1958 revision of the Nursery Regulations be confirmed by the Board.

Board Action: Approved.

Item 16. Authority to Appoint Department Heads in the Interim Between Board Meetings

Need for Commitments: Mr. Edwards pointed out the need for making commitments on the appointment of department heads in the interim between meetings of the Board. He illustrated this need by a current situation in which the College might lose the opportunity to employ a very capable man as Head of the Industrial Engineering Department if it be necessary to wait until the next Board meeting before a commitment can be made to the individual. The current Head of Industrial Engineering Department is desirous of transferring to the field of metallurgy where he can serve well in view of his excellent training in this field, and efforts to secure an excellent replacement may meet with success if a commitment can be made.

Board Action: It was moved by Mr. Byrnes, seconded by Mr. McLaurin and passed that the Acting President be given authority to appoint heads of departments in the interim between Board meetings provided that the Dean of the School, the Dean of the College and the Comptroller concur in the appointment made, with such appointments to be confirmed at the next meeting of the Board.

Item 17. Record of Appreciation of Mr. Edwards' Hospitality at Sugar Bowl Game

Board Action: The Board extended a vote of thanks to Acting President R. C. Edwards for his extra efforts in making them and guests of the College comfortable in their hotel accommodations and making them feel welcomed by his genial hospitality in connection with the trip to New Orleans for the Clemson--L. S. U. Football Game in the Sugar Bowl.

Item 18. Hartwell Dam -- Need for Plan for Expending Funds Received as Compensation for Lands Taken

Need for Plan: Mr. W. L. Watkins, College Attorney, (1) called attention to the provisions of Section 3 of Act No. 930 of the Acts of the General Assembly for 1956, under which it is necessary for the Board of Trustees to propose for consideration of the General Assembly a plan for expenditure of funds received by the College as compensation for lands taken by the Hartwell Dam Project, (2) stressed the need for submission of the plan as early as possible to enable action during the current session of the General Assembly, and (3) presented a preliminary draft of such a plan, attached hereto as Exhibit B, with the suggestion that it be reviewed and modified as necessary by the Hartwell Dam Subcommittee of the Board, with the revised draft to be distributed to all members of the Board before being introduced in the General Assembly.

Board Action: The Board authorized the Administration to work with the College attorney and the Hartwell Dam Subcommittee of the Board in carrying out the procedure as suggested by Mr. Watkins.
Item 19. Final Roll Call Vote

Resolution: RESOLVED That all measures and recommendations made at this the January 13, 1959 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.

Board Action: The resolution was adopted on roll call vote with ten members voting "Aye" including nine present and the absentee vote of Mr. T. Wilbur Thornhill.

Item 20. Adjournment. The meeting was adjourned at 1:00 p.m.

CORRECT:

Resolution: RESOLVED That all measures and recommendations made at this the January 13, 1959 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.

Board Action: The resolution was adopted on roll call vote with ten members voting "Aye" including nine present and the absentee vote of Mr. T. Wilbur Thornhill.

CORRECT:
(January 13, 1959, Continued)

EXHIBIT B

(Attached to the Minutes of January 13, 1959)

Preliminary Draft of a Proposed Plan for Expenditure of Funds to be
Received from the United States as Compensation for Lands
Taken for the Hartwell Dam Project

TO THE GENERAL ASSEMBLY OF SOUTH CAROLINA:

The Board of Trustees of The Clemson Agricultural College of South
Carolina respectfully submits the following report and plan for the
expenditure of funds to be received from the United States as compensa-
tion for lands taken for the Hartwell Dam Project, as directed by Section

1. Your Board of Trustees has not been able to reach an agreement
with the Corps of Engineers, U. S. Army, as to the amount of just compen-
sation to be paid for the lands and improvements taken, the facilities
impaired and the damage to remaining lands and facilities.

2. The United States has brought a civil action in condemnation in
the United States District Court for the Western District of South
Carolina, in which action the United States has taken 7,666.90 acres of
land belonging to the College, or to the State of South Carolina for the
use of the College, and has paid into the registry of that court the sum
of $459,152.00, being its estimate of just compensation for the taking.
This sum will be made available to the College upon the completion of a
title report and compliance with the requirements of that report.

3. In the opinion of your Board of Trustees, the amount so determined
by the United States does not nearly equal either (1) the fair market
value of the lands and facilities taken and the damage to the remaining
lands and facilities, or (2) the cost to the College of obtaining and
preparing other lands on which the programs now conducted on the taken
lands can be continued.

4. Your Board of Trustees will continue its efforts to obtain sums
more nearly approaching its estimate of the just compensation to which the
College is entitled under law.

5. Of the 7,666.90 acres taken, 43.2 acres is a part of the lands
willed to the State of South Carolina by Thomas G. Clemson. Your Trustees
are advised that power of sale does not exist as to such lands and that
said lands must be exchanged for lands of equal value, or the sum paid for
such lands reinvested in lands of equal value and subject to the same
trusts, either to be done only upon order of a court of competent juris-
diction.

6. Of said lands taken, about 7,360 acres, or 96% of the total, is
land leased to Clemson College by the United States in 1939, subsequently
improved by the College to a condition of suitability for the College's
use, and deeded to Clemson College on December 22, 1954. By an Act of
Congress approved August 4, 1955, the College has the right to sell any
of said lands only upon the agreement of the Secretary of Agriculture, and
upon the following conditions:

"(1) that all proceeds from the sale or exchange of such lands
shall be used by the college for the acquisition of lands within the
exterior boundaries of the (Land Use) project or for the development or
improvement of lands within the project;

"(2) that any lands acquired by the sale or exchange of the lands
covered by such agreement shall become a part of the project established
on the lands conveyed by the two deeds referred to in section 1 and shall
be subject to the conditions with respect to the use of such lands for
public purposes contained in such deeds; and
(January 13, 1959, Continued)

"(3) that all proceeds from the sale, lease, or other dis-
position of the lands covered by such agreement shall be maintained by
the college in a separate fund and that the record of all transactions
involving such fund shall be open to inspection by the Secretary."

7. That the amount received as just compensation for said
lands must be, and will be wholly needed to be, invested in other lands
and in improvements to other lands, to prepare them, as the lands deeded
by the United States have been prepared, for intensive use in the
Agricultural research, teaching and extension work of the College.

8. Certain facilities of the College, such as water intake,
power lines and sewer lines and disposal facilities, will be impaired
or destroyed. By negotiation or by court action, your Trustees expect
to receive either sufficient funds to restore such facilities, or sub-
stitute facilities furnished by the United States.

9. The amounts which the College will ultimately receive will
not be known until well after this Session of the General Assembly shall
have adjourned. In the meantime, the funds now in the registry of the
court are needed to begin the relocation of programs soon to be inter-
rupted. While no definite and final plan for the expenditure of the funds
to be received can be proposed until the final amount is determined, it is
already abundantly clear that the entire amount received will be needed
to provide lands and facilities in substitution for the lands and
facilities taken if the work of the College is not to be impaired or cur-
tailed.

10. Your Board of Trustees proposes the following plan for the
expenditure of funds to be so received after payment of the expenses
authorized to be paid by said Act No. 930 of 1956:

(a) To invest in substitute facilities all sums received for
facilities taken or damaged.

(b) To invest all sums received for land in trust under the
Clemson will in other lands, subject to the same trusts.

(c) To invest all other sums received in lands and improve-
ment to lands for use in the Agricultural program of the College, such
investment in large measure to be subject to the approval of the
Secretary of Agriculture, and lands acquired to be subject to the trusts
and restrictions imposed by the deeds from the United States.

Your Board of Trustees requests that its plan be approved by
the General Assembly.

Respectfully submitted,

President, Board of Trustees
THE CLEMSON AGRICULTURAL COLLEGE
OF SOUTH CAROLINA