

The State Board of Regents met at Iowa State University, Ames, Iowa on Thursday and Friday, January 16-17, 1975. Those present were:

	<u>January 16</u>	<u>January 17</u>
<b>Members of State Board of Regents:</b>		
Mrs. Petersen, President	All Sessions	All Sessions
Mr. Bailey	All Sessions	All Sessions
Mr. Baldrige	All Sessions	All Sessions
Mr. Barber	Absent	Absent
Mr. Brownlee	Absent	All Sessions
Mrs. Collison	All Sessions	All Sessions
Mr. Shaw	Absent	All Sessions
Mr. Slife	All Sessions	All Sessions
Mr. Zumbach	All Sessions	All Sessions
<b>Office of State Board of Regents:</b>		
Executive Secretary Richey	All Sessions	All Sessions
Mr. Barak	All Sessions	All Sessions
Mr. McMurray	All Sessions	All Sessions
Mr. Tucker	All Sessions	All Sessions
Pauline Van Ryswyk, Secretary	All Sessions	All Sessions
<b>University of Iowa:</b>		
President Boyd	Excused	Excused
Executive Vice President Chambers	All Sessions	All Sessions
Vice President Brodbeck	All Sessions	All Sessions
Assistant Vice President Small	All Sessions	All Sessions
Acting Director McQuillen	All Sessions	All Sessions
Business Manager Mossman	All Sessions	All Sessions
<b>Iowa State University:</b>		
President Parks	All Sessions	All Sessions
Vice President Christensen	All Sessions	All Sessions
Vice President Hamilton	All Sessions	All Sessions
Vice President Moore	All Sessions	All Sessions
Assistant Vice President Madden	All Sessions	All Sessions
Director Whitman	All Sessions	All Sessions
<b>University of Northern Iowa:</b>		
President Kamerick	All Sessions	All Sessions
Provost Martin	All Sessions	All Sessions
Vice President Stansbury	All Sessions	All Sessions
Director Kelly	All Sessions	All Sessions
<b>Iowa School for the Deaf:</b>		
Superintendent Giangreco	All Sessions	All Sessions
Business Manager Geasland	All Sessions	All Sessions
<b>Iowa Braille and Sight Saving School:</b>		
Superintendent Woodcock	All Sessions	All Sessions
Business Manager Berry	All Sessions	All Sessions

## GENERAL

The following business pertaining to general or miscellaneous items was transacted on Thursday, January 16, 1975.

MINUTES OF MEETING OF DECEMBER 12-13, 1974 AND REPORT OF PUBLIC HEARING OF DECEMBER 7, 1974. The minutes and report of public hearing were approved.

### COMMITTEE ON EDUCATIONAL COORDINATION.

A. Iowa State University Catalog Changes. The board was requested to approve the catalog changes proposed by Iowa State University which have been recommended by the Interinstitutional Committee on Educational Coordination.

The Board Office reported that course changes have broad implications in terms of the academic offerings of the institutions and an impact on resource allocations. The Board Office pointed out some general trends when the Iowa State University course changes were presented in November. Primary responsibility for effective planning and the judicious use of resources depends primarily upon the prior actions of the faculty and administration of each institution and how conscientiously they review the courses prior to submission to the board.

The Board Office presented members of the board with remarks quoted from a recent educational study of graduate and professional education regarding the enormous amount of proliferation of courses offered. Regent Bailey said that is a very important point. Mr. Richey said the specific question raised from the quote is what kind of departmental curriculum committee review college wide and institution wide, is available to insure that courses are added when they are needed, deleted when not needed, and that none are added when not really needed.

Vice President Christensen reported that Iowa State has a curriculum committee in each of its departments and departmental decisions have to be reviewed by this committee and the chairmen of the departmental committees make up the university curriculum committee. This committee reviews all the recommendations from each of the university departments. At the general faculty meetings the curriculum committee presents its report. He added that the university has flexibility from the standpoint of experimental courses because at ISU they exist a maximum of two years before being proposed in the university catalog. Each department is notified of all course changes when the committee submits its recommendations.

President Petersen asked Vice President Martin if the University of Northern Iowa has a similar kind of committee system which reviews curriculum proposals. Vice President Martin reported that the university

has a competitive system. The university is concerned with the economy of being able to offer more courses without enlarging staff. He said the university has curriculum committees at the department levels. He said the university curriculum committee reports to the Faculty Senate. Each department submits recommendations to the central administration. Executive Vice President Chambers reported that although the State University of Iowa does not have a centralized committee, there is good communication between the vice president for academic affairs and the collegiate deans' departments. The university does not go to the faculty committee for this review.

Regent Collison commented that the board should consider the world of work and the job market in consideration of proliferation of courses. She said that if courses do not satisfy students, then nothing has been accomplished. Vice President Christensen reported this is being considered at Iowa State University in that students are on the committees and an attempt is made to justify course offerings.

MOTION:

Mr. Baldrige moved the board approve the catalog changes proposed by Iowa State University as recommended by the Interinstitutional Committee on Educational Coordination. Mr. Slife seconded the motion and it passed unanimously.

B. Timetable and Format for Faculty Activity Reports. The board was requested to approve the timetable and format for faculty activity reports as suggested by the ad hoc committee and the Interinstitutional Committee on Educational Coordination.

The Board Office reported that the ad hoc committee's report recommends: (1) Faculty activity surveys will be conducted for all the Regents' institutions during the 1975-76 academic year; (2) A summary report will be presented to the Board of Regents in the fall of 1976, based upon this data, summarizing information by HEGIS category and college organizational units within each institution; (3) The faculty activity survey document and summary reports, a sample of which was enclosed with the board members' material, follow the general methodology and format prepared by NCHEMS. This type of format is receiving increasing use throughout the country.

Assistant Vice President Madden, chairman of the ad hoc committee, was present for discussion and comment. He said the committee attempted to respond to the board's request for information in this area and still recognize the different state of development of these reports.

The Board Office reported that the report points out that this timetable creates a minor difficulty in that unit cost studies are currently under

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way for the 1974-75 academic year. The faculty activity reporting information is a necessary component in detailed cost study development. Consequently, the committee mentions that the next cost study might be shifted to the 1975-76 academic year or that the cost studies be maintained on the present time schedule (odd number ending years) and be based on extrapolated information. Since the committee's report was prepared it is the Board Office's understanding that there has been an agreement among the universities to pursue the route of using extrapolated information maintaining the present schedule.

Regent Bailey asked whether there was any reluctance to bring the cost studies and faculty activity analysis reports into conformity with each other. It appears that if the present plan is implemented, extrapolated information will be used to prepare the cost study reports. He felt this was an undesirable thing as that leaves some basis for questioning the whole reliability of the report itself. He stated he would rather avoid such questions especially since those reports are used before the legislature and in preparation of materials for the legislature.

Mr. Richey stated he was the culprit on that. The committee would have been very happy to have skipped the cost study this year and tied it in a year hence with the faculty activity report. He said he thought it quite important to maintain present continuity and, too, the unit cost study recognized that there were changes made and that there probably will be additional changes two or three years down the road. The unit costs themselves will not be extrapolated. Only a few components will be so handled. He stated that he felt we could insure that the cost study results were reasonably valid because the components were reasonably extrapolated.

Regent Bailey again asked why the cost study and faculty activity report were not put on the same time cycle. Mr. Richey responded the resolution was not put aside forever. At this time we have a 12-year pattern on expenditures of unit cost having gathered such information since 1962-63. We ought to maintain that pattern because it is useful to us and has some validity in terms of historical base. To skip a period now would be premature. Regent Bailey stated as far as he was concerned the most useful purpose of these reports is dealing with legislators. If we are in the position of having to qualify the authenticity of the report, we are losing much of its potential at the outset. Mr. Richey responded that the extrapolated data probably will be more accurate even with extrapolated information this coming year than it was five years ago before we started doing more detailed analysis in the faculty activity area.

Assistant Vice President Madden reported that at Iowa State this has been looked at in some detail. The cost study is a historical look at what has been done in the past year. In developing these costs there has been a direct cost component which is basically actual dollars expended to the teaching departments. The faculty activity analysis

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reports have separated those dollars. He said the only part in this being requested for changing is using the extrapolation model in direct cost allocation portion. He noted that Iowa State has been trying to minimize the number of duplicative reports made. He reported that Iowa State's faculty activity report generates a great deal of information not necessarily related to cost study allocation. He said he didn't think that there is any possibility of losing any accuracy in the cost study estimates in terms of format. He said he didn't believe the board would note any difference from what the university has done historically.

Regent Collison reinforced Regent Bailey by expressing her concern that she has had the same kind of concerns when it comes to level of information for the board. She reported the university should be able to demonstrate management procedure. Legislators want to know how well these dollars were used and she felt that any kind of a cost study information report has to effectively demonstrate that the management procedure is being used to cover organization of those human resources and those kind of things are not clearly evident unless they are pulled out into some kind of rationale. Also, the universities want to know from several sources how much money is being expended on those courses.

Assistant Vice President Madden commented that the cost study is designed to generate information by levels of instruction. He said he feels that Iowa is staying abreast of this as much as any other state. He reported that there is a need for continuity because it does enhance comparability. Even if you maintain the same system for five to ten years, at least you have historical comparability. He said he feels that historical comparability is good.

Regent Bailey suggested that rather than a report given to the board in 1976 for faculty activity, that a report be given in 1977. He said he feels that the university has presented the board with information which could be interpreted to give a basis for using information that isn't fully current. If that is the situation then it seems that an effort should be made to eliminate that question mark as a possibility. Assistant Vice President Madden reported that at this point in time it would be impossible to collect data for 1974-75 since data needs to be collected during the academic term and the university wasn't permitted to do that this year. He said if the board should desire to put both reports together for the 1976-77 academic year that would be fine. That would mean that the cost study model and the faculty activity analysis study would be delayed one more year. He noted the university is doing cost studies for the current academic year at this time.

Mr. Richey replied that the obvious answer then is that it is really important to decide in the next several months to do the faculty activity analysis two years in a row so the next cost study will be tied in. Regent Slife noted an alternative would be to pass next year's faculty activity report and go to 1977. He said that would place both reports on the same biennial period. Mr. Richey commented

he feels it important to keep the present timing. There has been a lot of discussion and debate on campuses about this and it was the feeling that it is crucial to keep the same setup. There are forces moving that might make it more difficult at a later date if the report would be scrapped for two or three years. Regent Bailey commented that the universities do faculty activity reports anyway.

President Petersen said the ad hoc committee has made tremendous progress over the first faculty workload study. She said she feels that while the board is aiming at doing this on a biennial basis that the practice of doing this two years in a row would be a useful thing. She said she realizes it is also an expense but in doing so inter-institutionally and internally it has been tremendously effective in just the few years she has observed.

Assistant Vice President Madden said he is not sure the two years in a row format would be good. He noted that the University of Northern Iowa has had perhaps the most difficult time processing and tabulating faculty activity because of the computer capability and the data processing system that is needed. Another year would give UNI time to move into that system in a more orderly manner.

Regent Slife said he agrees with Regent Bailey in getting the two reports to enter with each other. He said the question is whether we are going to do the faculty activity study two years in a row or leave next year's out.

Mr. Richey brought up a question about whether momentum would be lost in delaying a report for a period of time. Regent Baldrige commented that by delaying the faculty activity report for a period some of the problems may be resolved which the universities are now experiencing.

Vice President Martin commented he feels that doing this for two successive years could be counter-productive in terms of momentum.

President Parks expressed his feeling that it wouldn't hurt to postpone a year in the faculty activity report. He said he didn't feel any momentum lost would be at all serious and a rest for a year might be helpful. Vice President Chambers concurred. Mr. Richey said he didn't think the cost study would be hurt at all by what was being proposed. He did add there might be some more personnel problems by waiting and delaying this another year and going three years without a study. He noted that the board has been extremely careful and concerned about employee relationships and the timing of various forces moving in the state and the effect on employee relations. He said he would like to keep this on a two year basis. He added that he doesn't feel it is most important at this particular point in time to phase in with the unit cost data.

Assistant Vice President Madden reported he feels there will always be some differences between the universities on how cost is calculated. He said the committee is proposing reporting faculty activity reports on a regular basis which doesn't have anything to do with the cost study issue which is by level of instruction, course level, and students.

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MOTION:

Mrs. Collison moved the board approve the following: (1) Faculty activity surveys will be conducted for all the Regents institutions during the 1975-76 academic year; (2) A summary report will be presented to the Board of Regents in the fall of 1976, based upon the data, summarizing information by HEGIS category and college organization units within each institution; (3) The faculty activity survey document and summary reports follow the general methodology and format prepared by NCHEMS; (4) That the board move toward synchronization of the cost study and faculty activity reports in the next biennial cycle. Mr. Zumbach seconded the motion.

Mr. Richey commented Regent Collison's motion stated the intent to have the reports together but the decision as to when is being deferred. The intent of the motion is that the faculty activity report will be presented in 1976. The question of whether the report is to be run two years in a row or three years was not decided upon.

Vice President Christensen commented that Iowa State University has a commitment to the faculty as to what to anticipate and requested that the university be notified by May 1976 whether the faculty must prepare faculty activity reports for the 1976-77 academic period.

President Petersen reported that the board is accepting the recommendations of the ad hoc committee and leaving open the question of when the two reports will be coordinated but the intent is to eventually coordinate the two reports.

VOTE ON MOTION:

The motion passed unanimously.

REQUEST FOR ALLOCATION OF APPROPRIATION TO REPLACE FEDERAL FUNDS - IOWA STATE UNIVERSITY. The board was requested to allocate contingency appropriations to Iowa State University in the amount of \$204,653 for the programs and in the amounts for each as set forth in the listing of Federal Funds Losses - Iowa State University, dated January 9, 1975.

The Board Office reported that the funds losses consist of two research career development grants and six training grants at Iowa State University in health or allied health fields.

MOTION:

Mr. Zumbach moved the board allocate contingency appropriations to Iowa State University in the amount of \$204,653 for the programs and in the amounts for each as set forth in the listing of

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Federal Funds Losses - Iowa State University,  
dated January 9, 1975. Mr. Baldrige  
seconded the motion.

Regent Bailey said he is concerned that the losses are for 1972-73 and not 1973-74. President Petersen commented that was the basis agreed with the legislature for computation.

VOTE ON MOTION: The motion passed unanimously.

LEGISLATIVE PROGRAM, 1975 SESSION. The board was requested to express support for legislative action to increase the statutory limits for the purchase of motor vehicles.

The Board Office reported that Chapter 21.2 (4) sets statutory limits on prices state agencies and institutions may pay for motor vehicles. Passenger motor vehicles cannot be purchased for more than \$3,300; station wagons, 6 and 9 passenger, and police cars cannot exceed \$4,100. There is no statutory price limit on truck purchases.

The State Vehicle Dispatcher received bids December 18, 1974 for passenger vehicles. The results of that bid letting provide convincing evidence for increasing the statutory limits. Under the current statutory limits, the state can buy only the intermediate size sedans, 6 cylinder, without radials or air conditioning, compact sedans fully equipped, and 6 passenger wagons. The inability to purchase proper vehicles is of some concern to the institutions which would occur if the statutory limit was not increased. Efforts are underway jointly between the state, Highway Commission and Board of Regents to come up with a proposal to change these limits.

Regent Bailey commented he feels that radial tires are an economy rather than an extravagance because they increase car mileage and last more than twice as long. He commented he feels he doesn't think the board should be in the position of advocating the state spend money to buy large automobiles in instances where only one person is traveling around the state. He said that would be undesirable not only from the board's standpoint but also from the standpoint of individual taxpayers and the board's position with the legislature.

Mr. McMurray reported that the Regents are being requested to give support for legislation regarding the purchase of motor vehicles. The bill will not be a Board of Regents bill. It will be a bill drafted in all likelihood by the Governor's staff and State Department of General Services and will tie in nicely to Regent Bailey's comments. Mr. Richey reported that specific legislation will be brought back to the board for approval at a later time.

MOTION: Mr. Slife moved the board express support for legislative action to increase the statutory limits for the purchase of motor vehicles. Mrs. Collison seconded the motion and it passed unanimously.

Discussion was then brought up by Regent Collison concerning the Bacteriological Laboratory bill. Regent Collison expressed her interest in insuring that citizens of the state receive the same types of services as are available to agencies of the state. Mr. Richey responded that the university would have to bring to the board for approval any fees to be charged by the laboratory. Regent Collison, in further pursuit of her point, stated she wanted to insure that any citizen of Iowa or elsewhere had the right to call upon this laboratory for services needed. Mr. Richey stated he would determine, with the aid of the university, whether the bill contains the necessary flexibility to do such tests for private citizens.

**MERIT SYSTEM CLASSIFICATION CHANGES.** The board was requested to approve the changes in classification duties and specifications for Power Plant Boiler Operator and Power Plant Utilityman and to approve the creation of two training programs for Power Plant Boiler Operator and Power Plant Assistant Chief Operator.

The Board Office reported that this action would solve the problem defined as the inability of the institutions to find people in the job market with appropriate experience in power plant operations.

**MOTION:** Mr. Baldrige moved the board approve the changes in classification duties and specifications for Power Plant Boiler Operator and Power Plant Utilityman and to approve the creation of two training programs for Power Plant Boiler Operator and Power Plant Assistant Chief Operator. Mr. Zumbach seconded the motion.

Assistant Vice President Small commented that this proposal has been presented to employees in the university power plant and there were no major concerns expressed. She added that they did express a concern that management training programs should be provided for more persons. Another concern expressed was whether or not there could be a test taken for equivalency of experience. This was discussed but they are not ready at this time to do anything in that regard.

Regent Bailey commended the parties responsible for establishing this training program.

**VOTE ON MOTION:** The motion passed unanimously.

**REPORT ON MEETING OF NATIONAL COUNCIL OF ADVISORS TO THE UNIVERSITY OF MID-AMERICA.** President Petersen reported that the board will be presented information regarding the University of Mid-America on Friday. She reported that the proposal specifically requests of the National Institute of Education funding over several alternate time periods, the first of which is six months beginning January 1, 1975 at the sum of \$1,989,500. The proposal presents a request to activate a five-year plan for the development of a model experimental regional open learning system designed to provide widespread postsecondary education benefits to a variety of people. The results of the five-year plan will be a

thoroughly tested operational model, providing validated research data about the effectiveness and economics of regionally based postsecondary open learning systems. These investigations will be undertaken by a newly developed regional open learning corporation through a model statewide open learning delivery system, the State University of Nebraska, and through open learning systems to be developed in at least three other midwestern states: Missouri, Kansas, and Iowa. She said Iowa has a vital contribution to make to this program.

President Petersen commented that this particular activity has not yet been reported to the Coordinating Council and recommended it be forwarded to them for information. President Parks commented a good time to do this reporting would probably be the next meeting as the University of Mid-America has a meeting in Kansas City on January 28 to approve a budget once the grant is received.

BOARD OFFICE PERSONNEL REGISTER. There were no transactions on the Board Office Personnel Register for the month of December 1974.

NEXT MEETINGS.

February 13-14	Board Office	Des Moines
March 13-14	University of Iowa	Iowa City
April 10-11	University of Northern Iowa	Cedar Falls
May 8-9	Iowa School for the Deaf	Council Bluffs
June 26-27	University of Iowa	Iowa City
August 14-15	Iowa State University	Ames

INFORMATION ITEMS.

A. Request from Higher Education Facilities Commission. The board was requested by the Higher Education Facilities Commission to submit suggestions regarding postsecondary education planning studies to it so the commission can establish priorities for planning needs and submit proposals for federal funds to carry out the projects selected.

B. Legislative Appropriation Hearings. The board was informed by letter that the legislative appropriations subcommittees are requesting the board to present its budget askings in a program budget format. Mr. Richey noted that the letter asks for identification of major programs, identification of long-range goals and short-range objectives of each of those programs, along with pertinent cost figures and appropriate benefit measures and then institutional and more appropriate, organizational charts for each program. No real guidelines are provided. He noted that he had met with a staff member of the Legislative Fiscal Office and found out he also had met with the Department of Public Instruction Area School representatives. He was asked whether his next meeting was with private college representatives. Mr. Richey said he suggested to this staff member that we get together with representatives of the area schools and private colleges at the Coordinating Council level so that a common acceptable method could be worked out in presenting the budget request to the committees. This staff member was quite disturbed that private colleges had been included as they considered themselves as having a

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single program rather than an institutional aid program that had impact on the academic programs of those institutions. He later reported back that he had discussed this approach with subcommittee chairmen and that the chairmen all agreed all three segments would report on a program basis, separately. If the presentation, submitted in advance of the hearing, was not satisfactory the segment would be informed. Mr. Richey noted that leaves us in somewhat of a fix until we work out something.

He then noted that the subcommittee intends to devote almost the entire month of April to the Regents askings. He noted a meeting would be arranged at an early date with institutional personnel on the request.

President Petersen agreed with Mr. Richey that we need to work on some kind of similar basis to decide what is a program, what goes into making up a program and how you evaluate the long- and short-term goals. President Petersen also emphasized there is nothing as important to us at this time as the legislative hearings. Based on the most recent experience at the Governor's hearings she felt we do need a little more polished presentation. She suggested rehearsals.

There was some discussion and some suggestions from board members as to how the executive secretary might best proceed to work with the legislative subcommittees. President Petersen concluded the discussion by stating that the board members were very interested in this subject and would appreciate being kept informed.

The following business pertaining to general or miscellaneous items was transacted on Friday, January 17, 1975.

President Petersen asked board members and institutional executives if there were additional matters to be discussed under the general portion of the docket.

CONSTRUCTION CONTRACTS. Regent Bailey reported that he received notice of a national conference on construction contracts and this raised some questions in his mind about Regents contracts. He asked if the universities get legal advice in the preparation of contracts. He said he felt this course could be helpful for a person connected with construction contracts at the universities to get some up-to-date information. He requested that Regent contract documents be reviewed.

COMMITTEE ON EDUCATIONAL COORDINATION. Statewide Public Radio Network. Vice President Martin, UNI, reported that the committee met with three extension deans and three radio directors yesterday regarding some kind of educational network in Iowa. He said a recommendation came forth from the discussion for a procedure for exploring this matter further and some type of implementation in connection with the general plan. It was requested that the board, through its executive secretary, request the Attorney General's Office to contact a law firm from Washington, D. C. to explore the possibility of reserving three transmitter sites or frequencies in the western part of the state which could be crucial to

any radio network. It was reported that time is of great importance so that these frequencies could be reserved before someone else takes advantage of the opportunity.

Regent Baldrige said he feels the Attorney General's Office should be kept informed regarding this radio network. He asked whether it would be proper for Mr. Thomas Dietzel, head of Iowa Educational Broadcasting Network, to make the inquiry to the Attorney General. Mr. Richey said he will seek the authority from Attorney General Turner to hire the Washington firm.

**MOTION:**

Mr. Baldrige moved that Executive Secretary Richey be directed to proceed to gain legal advice on the question posed by the Committee on Educational Coordination. Mrs. Collison seconded the motion and it passed unanimously.

**IOWA EDUCATIONAL BROADCASTING NETWORK.** Regent Baldrige reported that the reason for the size of the budget request by IEBN for the next biennium is that this agency is developing. Costs for programming are also being placed back on the states. He reported that if you don't have advertising revenue then public revenues fund it and unless public revenues increase the network is out of business.

**MENTAL HYGIENE COMMITTEE.** Regent Collison reported that the Mental Health Authority has lost its federal funding through the State Department of Health. The Mental Hygiene Committee is going directly to the state to ask for contingency funds to take over the last quarter of this year and then would have the state fund the Mental Health Authority as an independent agency. She reported that the committee wants a continuing association with the Psychopathic Hospital in Iowa City so that it can keep its academic source related to the whole network of health care in Iowa City. She noted that when this comes up as a budgetary factor in the legislature the board should keep in mind that this is not going to change its locale but the Mental Hygiene Committee will be administrator of its funds.

Regent Collison reported that there are two budgets projected. One budget would be for increased duties of staff and the other would be for existing staff. Regent Collison stated the amount requested for the budget is \$195,000 for this year, \$205,000 is projected for 1976 and \$217,000 for 1977. The increase in budget figure results from the addition of several needed consultants.

President Petersen said this information was presented to the board to keep it informed so if it becomes appropriate it may be added to the legislative program. Mr. Richey said there is a real question whether the Mental Health Authority should go directly to the legislature without first coming to the board because of the direct involvement of the university in this program. He said the university possibly should come to the board next meeting with information on this so the board can take a position on this.

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**EXECUTIVE SESSION.** President Petersen reported there were four items to be discussed in executive session: Iowa State University--real estate matter; Iowa School for the Deaf--two personnel matters; and a personnel matter requested by Mr. Richey. On roll call vote whether the board should resolve itself into executive session, the vote was as follows:  
AYE: Bailey, Baldrige, Brownlee, Collison, Shaw, Slife, Zumbach, Petersen.  
NAY: None.  
ABSENT: Barber.  
The board having voted in the affirmative by at least a two-thirds majority, resolved itself into executive session at 2:15 p.m. and arose therefrom at 5:30 p.m.

STATE UNIVERSITY OF IOWA

The following business pertaining to the State University of Iowa was transacted on Friday, January 17, 1975.

REGISTER OF PERSONNEL CHANGES. The actions reported in the Register of Personnel Changes for the month of December 1974 were ratified by the board.

RESIGNATIONS. The board was requested to accept the following resignations:

Assistant Professor Pearl Zemlicka as Director of Continuing Education for the College of Nursing, effective December 31, 1974.

Felicia Hope, R. N., Director of Nursing, Oakdale Hospital, effective November 30, 1974

MOTION: Mrs. Collison moved the board accept the resignations as named above. Mr. Bailey seconded the motion and it passed unanimously.

APPOINTMENT. The board was requested to approve the following appointment:

Duane C. Anderson as State Archeologist, effective May 1, 1975 at a salary of \$19,000 per year on a twelve months' basis.

MOTION: Mr. Baldrige moved the appointment of Duane C. Anderson be approved as shown above. Mr. Zumbach seconded the motion and it passed unanimously.

Dean Spreistersbach reported that this appointment is being made following a full national search. Regent Zumbach expressed pleasure for the board that someone in Iowa was found to fill this position.

INSTITUTE FOR INSURANCE EDUCATION AND RESEARCH. The Board Office recommended that the board refer to the Interinstitutional Committee on Educational Coordination the proposal to develop an Institute for Insurance Education and Research and that the appointment of its director be deferred pending the recommendation of the ICC. The Board Office reported that the formation of this organization would formalize the existing informal structure of the university's present program in continuing insurance education, thereby facilitating its program efforts. It is proposed that the institute would be self-financing and would even provide some surplus for the financing

of students and for faculty and graduate student research. Initially, funding would utilize (1) \$5,000 for accumulative surplus from past courses and research projects and (2) a \$15,000 grant from the Independent Insurance Agents of Iowa as the institute's operating reserve. The reason for referring this proposal to the ICC is related to: (1) the need to consider relations with other institutions in Iowa and (2) the proposed institute's intent to expand its program offerings (non-credit). Discussion arose as to whether this request needs to be referred to the Interinstitutional Committee on Educational Coordination. Vice President Brodbeck said there is some misunderstanding about the nature of this proposal. The Institute for Insurance Education and Research is not a new program. It merely formalizes and acts as a group of activities that the College of Business Administration has been carrying on now for over ten years extremely successfully. The program has been supported by scholarship funds and recently by a grant to help in administrative costs incurred initially. This is not a new program but I felt the Regents would be interested in seeing this. It does not represent duplication as this program is too far advanced for that. It would not be appropriate to send this reorganization to the committee because it is surely an organizational matter rather than a programmatic matter. She expressed the hope the formation of the institute would not be delayed. Mr. Barak commented that the Board Office's impression was that the new formation of this organization would also include an increase in the range of programs offered. He noted that the institution chose to answer the "Baldrige Questions" also. Vice President Brodbeck responded by saying she asked that the questions be answered although no new programs are involved. She stressed that this is not a programmatic matter.

MOTION:

Mr. Baldrige moved the board approve the proposal to develop an Institute for Insurance Education and Research and approve the appointment of Professor Emmett J. Vaughan as director as requested by the university. Mrs. Collison seconded the motion.

Mr. Richey said that based on the discussion he withdrew the recommendation made by the Board Office that it go to the committee. He said that apparently there is to be no additional duplication of an existing program beyond what already exists. He said it is appropriate for the board to go ahead and act on this matter. Regent Baldrige commented it might be appropriate to bring the matter up at a Coordinating Council meeting so it understands what is going on as a courtesy. President Petersen said that would be entirely appropriate.

VOTE ON MOTION:

The motion passed unanimously.

SPECIAL SECURITY OFFICERS. The board was requested to commission two officers:

Kathy Lynn Schoephoerster has been a member of the Security Department since January 21, 1974. She completed the Iowa Law Enforcement Academy's six-week recruit course on

December 13, 1974. She attended junior college for one year and the University of Iowa for two years. She has 51 hours in police-related training.

Margaret Scholl has been a member of the Security Department since March 11, 1974. She completed the Iowa Law Enforcement Academy's six-week recruit course on December 13, 1974. Prior to her employment she had completed a one-year course in medical assisting. She has 13 hours in police-related training.

MOTION:

Mr. Slife moved the board commission Kathy Lynn Schoephoerster and Margaret Scholl as permanent special security officers at the University of Iowa. Mr. Shaw seconded the motion and it passed unanimously.

RESEARCH FOUNDATION - SUI AND PATENT AGREEMENT. The Board Office recommended that the board approve (1) the establishment and designation of the University of Iowa Research Foundation as the agency to evaluate and exploit ideas, inventions and discoveries conceived or made by university faculty, staff, students and employees under the terms and conditions of the University Patent Policy, with the provision that a member of the Board of Regents or its designee shall be a member of the Research Foundation and (2) revisions to the University Patent Policy to reflect the above designation of the University of Iowa Research Foundation and existence of institutional patent agreements with federal agencies.

The Board Office reported that the primary action being requested by the university is the establishment of an independent research foundation for the purpose of evaluating and exploiting ideas, inventions and discoveries conceived or made by the university faculty, staff, students and employees under the terms and conditions of the university patent policy. The establishment of the research foundation has also necessitated certain changes in the university patent policy.

Executive Vice President Chambers reported that Dean Spriestersbach was present to answer any questions board members may have. Dean Spriestersbach reported that no substantial changes in the patent policy were being proposed but that the changes were largely editorial to recognize creation of a research foundation. He noted several things are vital to this move. He stressed the university is convinced that there are a number of patentable ideas among faculty, staff and students of the university. He said this is a very complex area. The university has the feeling that many of these ideas are not being fully exploited because the present patent process is too complex. This needs some administrative leadership in order to encourage the registration of patents and to pursue that very complex procedure for evaluating the patentability. He said the university

has been attempting to do that under present structure but it doesn't feel it has done as well as it is capable of doing. He noted that there are ambiguities concerning the propriety of the State University of Iowa to pursue those patented items. The law is ambiguous and the establishment of the research foundation would clarify the pursuit of patented ideas once they have been patented. He said the university feels this is in the public interest and the university's interest to establish a clear, legal and administrative arrangement.

Regent Zumbach asked Dean Spriestersbach how many patents the university is talking about per year. Dean Spriestersbach reported that he would estimate that at the present time about 15-20 patents are processed in a year, three or four of which become licensed. He said the university feels that if this request is approved the number of ideas proposed will increase.

Regent Shaw requested a wording change in the university recommendation in its statement whereby it reported "It would circumvent certain legal restrictions and ambiguities and possible controversy that may be raised by the university's direct involvement in patenting and licensing activities." He requested the work "circumvent" be changed to "void" or "clarify". He noted the statement that "Even though it would be established as a legally separate entity, the research foundation would have a defined close relationship to the university which, in combination with the research foundation's greater capacity to commercialize inventions and generate royalty income, would work to the benefit of the university." He said that whenever that is done, persons have to recognize the work as being university work. Dean Spreistersbach consented. Regent Bailey said the board must be sure that is effectively done. He said it seems that the only place where something gets outside the university orbit is the bill to the individual and he stated that is not proper. He said the possibility should be left open to grant the individual who patents something more than 25% of the profit. Dean Spriestersbach noted that there is provision for negotiations.

Regent Bailey commented that the policy proposed does not provide for an instance whereby an inventor does not notify the university of a patent and the university learns of this through another source. In that type of an instance, he questioned who determined the patentee's rights. He said it might be very pertinent to have some sort of an agreement or understanding that protects the foundation as far as it being sued for ideas that are presented to it. Executive Vice President Chambers noted that possibly this should be again raised with the board of directors of the foundation to assure them that members of the foundation are protected. Regent Bailey commented he was talking about the corporate entity and that whoever is handling the business of the foundation should be alerted to the risk of a not broad enough indemnity clause.

Mr. Richey suggested regular reports from university corporations such as the one being proposed. He said the purpose of the recommendation is

to bring up the issue of some kind of continuing and regular contact with the board and the legal entities it authorizes. He added that if the board has the authority to authorize the creation of a corporation should it not also have some kind of authority for the dissolving of the corporation when it feels it should be dissolved or has served its purpose. Regent Shaw agreed that some report on a periodical basis would be desirable. Regent Bailey said the board should continually maintain its right to withdraw from the proposed research foundation the authority to function in the capacity that is presently being proposed. Regent Shaw said the question is how active the board itself should be in making the decisions and he said if it turns out it is going to require an unusual amount of time on the part of board members he didn't view that as being "sine qua non" of good reporting. Regent Bailey said as he views it that if a Regent or the board's designee is approved to be a member of the foundation, he feels that person would report back to the board the decisions made in meetings and that the board would be actually out of the picture as far as having ability to exercise objectives on decisions. He did note that by having one person on the board representing the Regents that the board would have some input, however.

President Petersen asked President Parks if he considers the kind of separate research organization being used at Iowa State University to be in the public interest. Parks said it is very much in the public interest. He said it has also been an extremely useful device in handling and helping the research function. He recommended the board endorse the University of Iowa's request.

Vice President Moore commented that there is public interest involved in patents because it is an additional asset for all.

President Petersen commented that as she sees it the board has two particular issues before it: (1) approval of the research foundation at the State University of Iowa with the addition or not of a member of the Board of Regents or its designee and (2) the broader question dealing with regular reporting of corporate entities that are related to the universities. She recommended the two issues be voted on separately.

## MOTION:

Mrs. Collison moved the board approve the establishment and designation of the University of Iowa Research Foundation as the agency to evaluate and exploit ideas, inventions and discoveries conceived or made by university faculty, staff, students and employees under the terms and conditions of the University Patent Policy subject to technical review by appropriate foundation officials, with the provision that a member of the Board of Regents or its designee shall be a member of the Research Foundation Board of Directors for a three-year term; and approve the revisions to the University Patent Policy to reflect the above designation of the University of Iowa Research Foundation and existence of institutional patent agreements with federal agencies. Mr. Slife seconded the motion and it passed unanimously.

Mr. Richey clarified the motion by saying the documentation would be subject to review by appropriate foundation officials in consultation with Regent Bailey to cover the points he has raised.

The discussion then centered on the broader question of reporting to the board. President Petersen recommended the Board Office and the various agencies work out the details and utilize a reporting device and time tables so that there is systematic reporting. Mr. Richey suggested reports be presented to the board at least annually.

## MOTION:

Mr. Bailey moved the board require reports at least annually from all the corporations associated with the universities. Mr. Zumbach seconded the motion and it passed unanimously.

UNIVERSITY CALENDAR 1976-77. The board was requested to approve the proposed official University of Iowa Calendar for 1976-77. The Board Office reported that the proposed calendar does not reflect any major changes from that approved by the Regents for 1975-76.

## MOTION:

Mr. Baldridge moved the board approve the official University of Iowa Calendar for 1976-77. Mr. Bailey seconded the motion and it passed unanimously.

A copy of the calendar for 1976-77 is on file at the Board Office.

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. Executive Secretary Richey reported that the Register of Capital Improvement Business Transactions for the period November 28, 1974 through January 3, 1975 had been received by him, was in order, and recommended approval.

The following construction contracts were recommended for approval:

<u>PROJECT</u>	<u>AWARDEE</u>	<u>TYPE OF CONTRACT</u>	<u>AMOUNT</u>
University Hospital Outpatient Pharmacy and Drug Information Center Remodeling	O.F. Paulson, Cedar Rapids, Iowa	General	\$ 68,250
University Hospital Outpatient Pharmacy and Drug Information Center Remodeling	AAA Mechanical Con- tractors, Iowa City, Iowa	Mechanical	\$ 8,833
University Hospital Outpatient Pharmacy and Drug Information Center Remodeling	Gerard Electric, Inc., Iowa City, Iowa	Electrical	\$ 8,675
University Hospital Clinical Microbiology Lab Remodeling	Burger Construction Co., Inc., Iowa City, Iowa	General	\$ 33,250
University Hospital Clinical Microbiology Lab Remodeling	Mulford Plumbing and Heating, Inc., Iowa City, Iowa	Piping	\$ 9,342
University Hospital Clinical Microbiology Lab Remodeling	AAA Mechanical Con- tractors, Inc., Iowa City, Iowa	Ventilating and Air Conditioning	\$ 19,993
University Hospital Clinical Microbiology Lab Remodeling	Kahler Electrical, Iowa City, Iowa	Electrical	\$ 7,750
Neonatal Intensive Care Unit Remodeling	Don Gannon Con- struction Co., Iowa City, Iowa	General	\$ 79,484
Neonatal Intensive Care Unit Remodeling	Ed Jones Plumbing and Heating, Iowa City, Iowa	Mechanical	\$ 75,414
Neonatal Intensive Care Unit Remodeling	O'Brien Electrical Contractors, Inc., Iowa City, Iowa	Electrical	\$ 18,200

<u>PROJECT</u>	<u>AWARDEE</u>	<u>TYPE OF CONTRACT</u>	<u>AMOUNT</u>
Boiler No. 10 - Electrostatic Precipitator (Contract 2)	Envirotech Corporation, Palatine, Illinois	General	\$ 436,265
Boiler No. 10 - Ash Handling Equipment (Contract 3)	The Allen-Sherman- Hoff Co., Wynnwood, Pennsylvania	General	\$107,030
Boiler No. 10 - Coal Weigh Larry (Contract 4)	Beaumont Birch Company, Philadelphia Pennsylvania	General	\$ 94,600

Discussion regarding the Neonatal Intensive Care Unit Remodeling contracts was brought up. It was pointed out that the specifications for this project included a so-called liquidated damages clause. The university felt that such a clause was necessary particularly for this project in order to insure timely completion on a rather sensitive construction project. Further, the university felt it would be able to prove liquidated damages greater than those included in the liquidated damages clause due to loss of hospital revenue if the project was not completed as scheduled. Regent Zumbach commented he understood a liquidated damages clause to mean that when damages are very difficult to ascertain then you are supposed to explain in that contract why damages are difficult to ascertain and only in those circumstances can they be enforced. He said the university may want to check into that because he didn't feel the clause was very well drafted.

The following revised project budgets were presented for board approval:

University Hospital - Outpatient Pharmacy and Drug  
Information Center Remodeling \$90,000

The original budget approved in December 1974 had \$77,600 budgeted for construction. It is necessary to approve a revised project budget totaling \$90,000. This is an increase of \$4,600 over the preliminary budget with the source of funds remaining University Hospital RR & A.

University Hospital - Clinical Microbiology Lab Remodeling \$74,000

Additional source of funds is from University Hospital RR & A. The original budget was \$68,900.

The following new projects were submitted for board approval:

Ward C-42 Remodeling \$55,200  
Source of Funds: University Hospitals Building and Usage Fund

Radiation Therapy Roof Remodeling \$20,200  
Source of Funds: University Hospitals RR & A

Regent Slife asked if any word has been received from the Attorney General as to the propriety of escalation clauses. Mr. McMurray reported that no word has been received yet.

MOTION:

Mr. Slife moved the board approve the Register of Capital Improvement Business Transactions for the period November 28, 1974 through January 3, 1975; the construction contracts as shown above be awarded; the revised project budgets be approved; the new projects be approved; the executive secretary be authorized to sign all necessary documents. Mr. Shaw seconded the motion and it passed unanimously.

The revised project budgets as well as the preliminary budgets and project descriptions for new projects are on file in the Board Office.

JOHN F. MURRAY ENDOWMENT FUND. There were no changes in the investment portfolio for the quarter ending December 31, 1974.

STUDENT INSTALLMENT PAYMENT PLAN REVISION. The board was requested to approve a revised installment payment plan for student tuition and fees and residence halls room and board effective with summer session 1975 as submitted by the university.

The Board Office reported that the proposal would provide for billing of students in equal installments on the first or as soon after the first of each month as follows: first semester--September, October and November; second semester--February, March and April; summer session--immediately following registration. Payment of each installment would be required within 15 days after the billing date; otherwise, registration would be cancelled. Students would be permitted only one registration cancellation during a term and would be permitted reinstatement upon payment of the indebtedness and a \$10 reinstatement fee within ten days after cancellation. The change in billing dates will enable the university to collect fees earlier in the semester. The State Auditor commented on the late billings for first semester in the audit report of June 30, 1973.

MOTION:

Mr. Baldrige moved the board approve a revised installment plan for student tuition and fees and residence halls room and board effective with summer session 1975 as submitted by the institution. Mr. Bailey seconded the motion.



roads, however, when completed, will be considered institutional roads for maintenance purposes.

Business Manager Mossman presented a map showing access roadways and parking as proposed. President Petersen asked about security problems for persons working night shifts. Mr. Mossman reported the ramp normally empties itself and is adequate for the late shift people. Adequate lighting is also being provided. Regent Shaw asked how many spaces will be provided in a new ramp. Mr. Mossman responded that roughly 500 will be provided in a five-story ramp.

Regent Collison asked if there has been consideration given to using the ramp as a helicopter pad. Mr. Mossman said location of the pad hasn't been totally resolved.

Regent Collison asked if the emergency entrance will still be located on the north side of the hospital. Mr. Mossman said yes, it will remain there until the trauma center is established.

MOTION:

Mrs. Collison moved the board abandon the prior Hospital Access Road project for which bids were rejected by action of the Board of Regents at their meeting September 19-20, 1974; approve the new project, preliminary plans and budget; approve the physical plant department as engineer and inspection supervisor. Mr. Slife seconded the motion.

Regent Shaw said the board is talking about \$122,000 from Hospital Improvement Extensions and Repair Funds and \$228,000 from Treasurer's Temporary Investment Funds. He said he wondered if the board could use even more funds from Hospital Improvement Funds. Business Manager Mossman reported that part of the Carver Pavilion complex is being funded from those funds and as far as the university can tell, this is as much money as can be used at this time for the access roadways. Mr. Richey made it clear to the board that the real question mark involved in this is what the real cost will be of the new building.

VOTE ON MOTION:

The motion passed unanimously.

DEPARTMENT OF DEFENSE - RESOLUTION REQUIRED BY INDUSTRIAL SECURITY REGULATIONS. The board was requested to adopt a resolution to enable the university to keep its status as a "cleared facility" with the government. This resolution is identical with the one adopted by the board in July 1973 except for the changes in individual names.

MOTION:

Mr. Brownlee moved the board approve a resolution required by Industrial Security Regulations as presented by the State University of Iowa. Mr. Bailey seconded the motion and it passed unanimously.

A copy of the resolution is on file at the Board Office.

President Petersen asked board members and institutional executives if there were additional matters to be brought up for discussion under the State University of Iowa portion of the docket. There were no additional matters brought up for discussion.

IOWA STATE UNIVERSITY.

The following business pertaining to Iowa State University was discussed on Friday, January 17, 1975.

REGISTER OF PERSONNEL CHANGES. The actions reported in the Register of Personnel Changes for the month of December 1974 were ratified by the board.

FACULTY IMPROVEMENT LEAVES FOR 1975-76. The board was requested to approve faculty improvement leave for 29 individuals who have been selected by university faculty committees from 38 highly qualified applicants. This year it is estimated that the net cost of leaves will total approximately \$48,000. These estimated costs do not include the full salaries paid to the individuals while on leave; rather, they represent the net additional cost after reassignment of workload to other faculty members plus other shifts of resources.

MOTION: Mr. Baldrige moved the board approve the 29 faculty improvement leaves as requested by Iowa State University. Mr. Bailey seconded the motion.

Regent Collison commented that of the 29 individuals selected for faculty improvement leave none of them were women and asked if there is fair consideration given for persons requesting leave. Vice President Christensen reported that a selection committee made up of representatives from each of the colleges at Iowa State determines those most eligible for leave. He noted that monitoring is done so that women are given fair consideration. Vice President Christensen reported that in order to be selected, however, a person must apply and women didn't apply.

Regent Collison requested department heads to encourage women to apply for faculty improvement leaves. Vice President Christensen responded that this is being done. Regent Shaw commented that encouragement should be provided at all levels but said he feels it is a fact that the number of women entering the qualification level in past years in various occupations and professions has been so low that it will take a period of time to get any kind of equality without unfairness to the larger number of men.

VOTE ON MOTION: The motion passed unanimously.

President Petersen then asked if institutional executives had any additional items to be discussed under the academic portion of the Iowa State University docket.

ENROLLMENT REPORT, WINTER QUARTER 1974-1975. President Parks presented enrollment information for the winter quarter. He reported that enrollment for winter quarter (1974-75) at Iowa State has reached a record high for a winter quarter of 19,321 students (19,728 full-time equivalent enrollment). The enrollment figure exceeds last year's winter enrollment of 18,627 by 991 students. President Parks expressed pleasure that students are interested in Iowa State's program offerings but said it does cost money to have more students.

President Parks commented it is anticipated that enrollment will go down after 1981 but stated that until then a problem will be faced. He said additional student fees will contribute \$375,000. He added he hopes the legislature will provide funds requested for this purpose. Other alternatives mentioned were the possibilities of giving less in salary increases or taking more out of RR&A although that alternative is very unattractive at present.

Regent Shaw asked whether the university had any information on the new engineering innovation. President Parks stated the university is proud of this innovation and believes the approach is highly successful. Counseling is better and freshmen are given a legitimate wait and look period.

Regent Zumbach asked if there was information on the number of students who dropped out because of financial problems. President Parks stated he did not have that information.

SOLID WASTE DISPOSAL SERVICES BETWEEN IOWA STATE UNIVERSITY AND THE CITY OF AMES - CONTRACT AND AGREEMENT. The board was requested to approve a resolution which approves contract and agreement for solid waste disposal services between the city of Ames and Iowa State University with minor corrections to contract formula as specified below.

It was reported that one correction was needed in the contract. This change makes the cost formula algebraically correct.

The cost to Iowa State University for the solid waste disposal services will equal the same proportion of the separation plant's operation costs less income from electric fuel sales and sales of materials as the proportion the university's garbage and solid waste, in tons, is of the total weight of garbage and solid waste. The university's estimated net annual cost is approximately \$18,000 after credits for electric fuel sales and sales of materials. The university estimates establishment of its own landfill operation would be more costly than contracting with the city of Ames for solid waste disposal services.

The Board Office reported that the contract itself extends until June 30, 1999. It should be noted that after June 30, 1979 the contract can be terminated with 12-months advance notice. Also, the university will audit the charges. It will be consulted and must concur on major changes in the operations of, and additional expenditures on, the solid waste separation plant which will affect the university's utilization or financial support of the system.

MOTION:

Mr. Brownlee moved the board approve a resolution which approves contract and agreement for solid waste disposal services between the city of Ames and Iowa State University with minor corrections to contract formula which would read: Total cost - Income = Net cost.  $\text{Net cost} \div \text{Total Tonnage} = \text{Cost/Ton}$ .  $\text{Cost/Ton} \times \text{University tonnage} = \text{University share of systems cost}$ . Mr. Baldrige seconded the motion and it passed unanimously.

A copy of the resolution regarding the contract and agreement between Iowa State University and the city of Ames is on file at the Board Office.

VETERINARY MEDICINE FACILITIES. It was recommended that action regarding Veterinary Medicine Facilities be deferred until the February board meeting in order that docket exhibits can be submitted in sufficient time for staff review and board study. President Petersen deferred action and discussion until the February meeting of the board. Mr. Moore reported that the letter of award from the federal agency on the Phase II grant award had been received this week.

FUEL BUDGET (REVISED) FOR 1974-75 AND FUEL ESTIMATES (REVISED) FOR 1975-77. It was requested that consideration of the institutional request be deferred until the March meeting so consideration of fuel budgets for all institutions could be discussed. President Petersen deferred discussion until the March meeting.

COAL RESEARCH PROJECT BUILDING. The board was requested to approve the project and estimated project budget and designation of EMRRI of Iowa State University to develop the building design and provide construction supervision and inspection. The estimated cost of the project was \$280,000. Source of funds would be from 65th G.A. appropriated funds for coal research. This project includes a building to be located on a parcel of land north of the Iowa State University power plant. The proposed location and elevation is being submitted to the Iowa Natural Resources Council for approval through the Iowa State Water Resource Research Institute.

MOTION:

Mr. Bailey moved the board approve the project and estimated project budget and designation of EMRRI of Iowa State University to develop the building design and provide construction supervision and inspection. Mr. Zumbach seconded the motion.

President Parks introduced Robert S. Hansen, Director of the Energy and Mineral Resource Research Institute and Dr. Dan Zaffarano, Vice President for Research at Iowa State University, who were present for discussion. Mr. Hansen distributed copies of the January 15, report to the legislature on the coal research project.

VOTE ON MOTION:

The motion passed unanimously.

President Petersen invited further remarks from Drs. Hansen and Zaffarano on what she thought was an exciting and forward-looking project.

Dr. Hansen stated major goals had been established and deans are working on each. Bench scale tests have been completed to the point where we are assured that sulfur content standards for Iowa can be met with fairly moderate cost, and contract for equipment to do this has been let. Contract for putting this in operation has been approved. It is expected the whole boiler plant will be in operation next fall.

He stated they have focused on those problems which they feel will meet a very imminent energy challenge in Iowa, mainly the shutting off of natural gas, probably around January 1, 1978. We in Iowa have a very long-range problem as does the nation. We are going to be concerned with deep-mining of coal as those resources are 20 times greater than that from strip-mining of coal.

Regent Shaw said he understood there are some deposits of coal in Iowa but he questioned the practicality of using Iowa coal in view of the very high sulfur content.

Mr. Hansen stated on the average Iowa strip-mining seams are thinner than Illinois seams so the amount of coal probably would be 180 million tons. That is small compared to the estimated 20 billion total in Iowa. Immediate need is for some 20 million tons annually to replace 90% of the oil and gas in use now. The kind of coal suitable for that is certainly not infinite. The attractiveness of mining deeply lined deposits depends on what the price of coal is. The price has doubled in the past year but we cannot foresee what will develop in the future.

Dr. Hansen stated that the sulfur content is somewhat less in deep-mined coal. However such mining is more expensive and requires heavier capital investment.

On questioned as to where the coal tables are, Mr. Hansen reported the southeast corner of Iowa is reasonably well mapped; the geological formation that underlies the whole southern half of the state is similar. The southwest and western half of the state which have newer seams have been much explored. It is thought that the coal in the western half of the state might run down about 1,000 feet.

In response to question about the thickness of the veins tapped, Mr. Hansen reported that reasoning is by analogy; at the time coal was laid down Iowa was pretty flat, then differing amounts of soil were deposited, but it was reasonable to believe coal would be similar in thickness.

Question brought out that cost per ton of Iowa coal at the mine is \$10.40 which is more than Wyoming costs at present. Question brought out also that they are convinced Iowa coal can be produced at a reasonable cost.

Dr. Zaffarano stated they were on target and felt there has been reasonable progress in this endeavor.

Dr. Hansen agreed but added they are behind schedule (and hoped to have done by now) selecting a demonstration site for the actual mining and reclamation. "We had thought originally that of the five commercial strip mines in Iowa we would be able to negotiate with one of them an arrangement whereby we could have him strip mine his land and we would

then pay him incremental costs under the project. This has proven to be difficult as most mine operators have commitments. There have been complications. We have a backup plan on this and have established six sites, on which we believe there is coal, whose owners are willing to have coal mined. Should this arrangement with the individual mine operators not work out, we intend to mine those sites under contract."

Regent Shaw noted that the standards for sulfur content which are going into effect July 1975 are much tighter for new installations than they are for existing installations. For example, he noted that the existing Davenport site can have a sulfur content of 2.76% while the new units in Council Bluffs have to be down to 1.2% sulfur content. Dr. Zaffarano noted that in the state of Iowa there are 53 major installations burning coal. The goal is to satisfy the needs of these 53 installations with Iowa Coal.

President Petersen thanked Dr. Hansen and Dr. Zaffarano for their report, good work and encouraged them to stay with the activity.

WESTERN IOWA EXPERIMENTAL FARM - MEMORANDUM OF UNDERSTANDING. The board was requested to approve an amendment extending the present agreement for another ten years to February 28, 1985.

In response to a question Vice President Moore noted that the original agreement approved in April, 1946 appeared in the docket five years ago. He said he will recirculate that agreement so that board members can view the original agreement terms.

MOTION:

Mr. Bailey moved the board approve an amendment extending the present agreement with Western Iowa Experimental Farm for another ten years. Mrs. Collison seconded the motion and on roll call the following voted:

AYE: Bailey, Baldridge, Brownlee, Collison, Shaw, Slife, Zumbach, Petersen.

NAY: None.

ABSENT: Barber.

The motion carried.

ADDITIONAL TRAFFIC AND PARKING REGULATION FOR 1974-75. The board was requested to adopt the following rule: "The president of the university or his authorized representative shall place and maintain such traffic-control devices as he may deem necessary upon drives, roads and streets under his jurisdiction." The Board Office reported that the suggested language is somewhat different than that originally proposed by Iowa State University but the language shown above has been approved by them. The board has previously approved similar language for the University of Iowa regulations. The current filed rules for Iowa State do not specifically speak to traffic-control devices. Adoption of this rule should remove any question as to board delegation of authority on this matter.

MOTION:

Mr. Brownlee moved the board adopt the following rule: "The president of the university or his authorized representative shall place and maintain such traffic-control devices as he may deem necessary upon drives, roads and streets under his jurisdiction." Mr. Bailey seconded the motion and it passed unanimously.

FRILEY HALL - EAST DINING ROOM RENOVATION. The board was requested to approve a project and estimated project budget in the amount of \$129,000 funded by Dormitory Improvement Funds and designation of the university architect as designer and the university physical plant for construction supervision and inspection. The Board Office reported that the original equipment and furniture in the service area and the dining area has been used for 33 years and is in need of replacement.

MOTION:

Mr. Slife moved the board approve the project and estimated project budget in the amount of \$129,000 as submitted by Iowa State University and designation of the university architect as designer and the university physical plant for construction supervision and inspection. Mr. Baldrige seconded the motion.

Regent Collison commented that the ISU Union used quarry tile at one time and recommended that university officials contact them about how it worked out for them.

VOTE ON MOTION:

The motion passed unanimously.

The project description and estimated project budget are on file at the board office.

REGISTER OF CAPITAL IMPROVEMENT TRANSACTIONS. Executive Secretary Richey reported the Register of Capital Improvement Business Transactions for the period December 13, 1974 through January 17, 1975 had been filed with him, was in order, and recommended approval.

The following construction contract was recommended for approval:

<u>PROJECT</u>	<u>AWARDEE</u>	<u>TYPE OF CONTRACT</u>	<u>AMOUNT</u>
Steam Main Extension- Veterinary Medicine Complex	Hurst Excavating, Inc., Waterloo, Iowa	Utilities Less Tax Refund	\$1,634,000 - 16,340 \$1,617,660

The university also submitted a revised project budget totaling \$1,820,000 for this project, which was some \$150,000 below the original cost estimate.

MOTION:

Mrs. Collison moved the board approve the Register of Capital Improvement Business Transactions for the period December 13, 1974 through January 17, 1975; approve the construction contract award as shown above; the revised project budget be approved; the new project be approved; the executive secretary be authorized to sign all necessary documents. Mr. Bailey seconded the motion and it passed unanimously.

President Petersen asked board members and institutional executives if there were additional matters to be brought up for discussion under the Iowa State University portion of the minutes.

ALBIA FARM. Vice President Moore reported that the board took action several months ago which put the Albia Farm in the hands of realtors to sell. He noted that the university will eventually bring the board an offer for final action. He commented the university has received an additional offer which would be appropriate to discuss in executive session.

IOWA STUDENT PUBLIC INTEREST RESEARCH GROUP. Regent Shaw reported that he was indebted to the ISPIRG for the complete explanation of the program they have worked out and in which ISU is participating which consists of an arrangement between ISPIRG and individual departments in the university whereby students would spend a couple of days a week in Des Moines, working with the ISPIRG organization, seeking to influence legislation and obtain credit for the work from the university. He said he was sure there are some benefits to the student that come in the learning process from the kind of activity. He did not propose any action but did think some thought should be given to this and the board should take into consideration: (1) that all non-profit institutions under the Internal Revenue Service are subject to overall tests that they are not engaging in any substantial way in the influence of legislation. The tax-exempt status of the institution should not be jeopardized. (2) If it is decided the educational benefit is indeed sufficient and Regents' principles are not violated, then the board should give some thought to the academic freedom question. If an individual enters into an organized activity and participates fully but still has to take not an individual but a preconceived or group consensus position, there is clearly an academic freedom question involved. There must be another side of almost any question if it is worth the trouble of debating. If it is like motherhood, you would not need to lobby for it. Regent Shaw continued that he thought an individual should study a question and determine if it is or is not his position. Also, there is the question involved of the board allowing one group to go to Des Moines and present its position and then having to say "no" to another group who wants to go to Des Moines to present a different position. "I don't know how you can say 'no' under those circumstances." (3) There is the question involved that if this kind of activity has enough educational value to receive

credit the board should not have a completely passive role in that sort of determination. We should organize the courses and oversee those courses that give credit and try to insure that the most useful experience is being gained. Finally, on the surface this appears to be a very wholesome activity but I think one should stand off from it a little to see that what we are doing is the best way to do it.

President Parks stated he did not know credit was being given for this sort of thing. Vice President Christensen also stated he did not realize credit was being given for this. He continued that if credit is being given it is being given as part of a regular course and not through ISPIRG. Regent Zumbach stated that was his understanding also. He said he has gone through the procedure of trying to present a plan to an instructor and this is a very difficult task. Any student on campus has that opportunity but usually the controlling factor is the instructor. Regent Brownlee said there appears to be some danger for the institution in this area whether we like it or not. Regent Collison commented that academic freedom is a two-way street and any time there is free awareness activity there is a certain danger of freedom being violated in another area. There is no better arena than the real world while one still is in a college environment that gives some checks and balances through courses where at least students would be challenged by some mature judgments or instructions by people who had the upper hand.

President Parks stated the university would look into the question and report back to the board at an early date.

UNIVERSITY OF NORTHERN IOWA

The following business pertaining to the University of Northern Iowa was transacted on Friday, January 17, 1975.

REGISTER OF PERSONNEL CHANGES. The December personnel register contained the following resignation:

Jerrold Wareham as Director of Special Projects,  
annual salary \$10,621, effective date December 1,  
1974.

The actions reported in the Register of Personnel Changes for the month of December was ratified by the board.

UNI-DOME PROJECT. The board was requested to approve a revised project budget totaling \$6,075,000 and seven change orders totaling \$411,471. It was reported that the revised project budget is some \$525,000 more than the revised project budget approved by the board in July 1974. Source of funds is from temporary investment of bond sale proceeds in the amount of \$85,000 and UNI Foundation funds in the amount of \$440,000. It was noted that the only contract remaining to be awarded within the revised budget for general construction is the east side seating contract. The budget does not, at this point, support seating on either the west side or floor seating.

MOTION:

Mr. Slife moved the board approve a revised project budget totaling \$6,075,000 and seven change orders totaling \$411,471. Mr. Zumbach seconded the motion and it passed unanimously.

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. Executive Secretary Richey reported the Register of Capital Improvement Business Transactions for the period December 6, 1974 to January 7, 1975 had been filed with him, was in order, and recommended approval.

There were no construction contracts recommended at this meeting. Originally the contract for the UNI-Dome seating was scheduled to be awarded at this meeting. However, after receiving bids earlier in the week the university determined it needed additional time to analyze the products bid. The contract award recommendation was deferred to the February board meeting.

The following purchase orders for equipment funded from academic revenue bond proceeds were recommended for approval:

Biology Research Center, Furnishings and Equipment - ratification of eight orders totaling \$11,961.88. The equipment budget for the Biology Research Center was \$40,000. With these orders, some \$33,361.68 in purchases have been before the board.

Library Addition - ratification of 12 orders totaling \$36,761.99. The library equipment budget is \$450,000. With these orders some \$400,951.86 will have been brought before the board.

The following new projects were presented for board approval:

<u>Physics Building Remodeling</u>	<u>\$60,000</u>
Source of Funds: Academic Revenue Bonds Proceeds	
<u>Price Laboratory School - Field House Track Replacement</u>	<u>\$70,000</u>
Source of Funds: Academic Revenue Bonds Proceeds	

Mr. Richey reported that the university still has slightly more than \$371,000 in Academic Revenue Bond Funds which are not committed to remodeling, utilities and renovation projects. The university should make every effort to commit these funds to specific projects within the next 30 to 60 days.

Regent Shaw queried whether the university remained convinced that the playing field could be rolled up and that football could be safely played on that floor. President Kamerick responded the university remained convinced.

MOTION:

Mr. Slife moved the board approve the Register of Capital Improvement Business Transactions for the period December 6, 1974 to January 7, 1975; the purchase orders for equipment be ratified; the new projects be approved; the executive secretary be authorized to sign all necessary documents. Mr. Bailey seconded the motion and it passed unanimously.

PUBLIC HEARING RESOLUTION - REMODELING IN THE PHYSICS BUILDING. The board was requested to approve a resolution providing for a notice of hearing on proposed plans, specifications and form of contracts for Remodeling in the Physics Building on the campus of the University of Northern Iowa and for a notice to contractors of bidding thereon. Hearing by the board is set for 11:00 a.m., Thursday, February 13, 1975 at the Hotel Fort Des Moines, Des Moines.

MOTION:

Member Brownlee introduced and caused to be read the resolution hereinafter set out entitled, "Resolution providing for a notice of hearing on proposed plans, specifications, and form of contracts for Remodeling in the Physics Building on the campus of the University of Northern Iowa, and for a notice to contractors of bidding thereon." Member Brownlee moved that said resolution be adopted, seconded by Member Collison,

and after due consideration thereof by the board, the president put the question and, upon roll being called, the following voted:

AYE: Bailey, Baldrige, Brownlee, Collison, Shaw, Slife, Zumbach, Petersen.

NAY: None.

ABSENT: Barber.

Whereupon the president declared the resolution duly adopted.

The resolution is on file at the Board Office.

PUBLIC HEARING RESOLUTION - FIELD HOUSE TRACK REPLACEMENT. The board was requested to approve a resolution providing for a notice of hearing on proposed plans, specifications, and form of contracts for Field House Track Replacement in the Price Laboratory School on the campus of the University of Northern Iowa, and for a notice to contractors of bidding thereon. Hearing by the board is set for 11:00 a.m., Thursday, February 13, 1975 at the Hotel Fort Des Moines, Des Moines. Opening of the bids at the university is scheduled for 2:00 p.m., March 6, 1975.

MOTION:

Member Baldrige introduced and caused to be read the resolution hereinafter set out entitled, "Resolution providing for a notice of hearing on proposed plans, specifications, and form of contracts for Field House Track Replacement in the Price Laboratory School on the campus of the University of Northern Iowa, and for a notice to contractors of bidding thereon". Member Baldrige moved that said resolution be adopted, seconded by Member Zumbach, and after due consideration thereof by the board, the president put the question and, upon the roll being called, the following voted:

AYE: Bailey, Baldrige, Brownlee, Collison, Shaw, Slife, Zumbach, Petersen.

NAY: None.

ABSENT: Barber.

Whereupon the president declared the resolution duly adopted.

The resolution is on file at the Board Office.

REVISED LAND LEASE - KHKE. The board was requested to approve a revision in a land lease with Northern Natural Gas Company. The university reported that in September 1974 the board approved a contract with Northern Natural Gas Company for the lease of approximately five acres of land, at an

annual rental of \$400, for the erection of broadcasting tower KHKE. The university based the land area needed on information furnished by a tower supplier. The same supplier, who is the successful bidder on the tower, now advises that he will need approximately two additional acres of land. Northern Natural Gas Company will lease the additional land for a \$150 increased annual rental. The original lease has not been signed and board approval was requested on these two revisions.

MOTION:

Mr. Bailey moved the board approve a revised land lease with Northern Natural Gas Company as identified above.

Mr. Baldrige seconded the motion and on roll call the following voted:

AYE: Bailey, Baldrige, Brownlee,  
Collison, Shaw, Slife, Zumbach,  
Petersen.

NAY: None.

ABSENT: Barber.

The motion carried.

President Petersen than asked board members and institutional executives if there were additional matters to be discussed under the University of Northern Iowa portion of the docket.

LIBRARY ADDITION. President Kamerick reported that over the Christmas break the university moved into the addition to the library. He said it is a beautiful addition and noted that board members will be able to tour the facility next time they meet at the university.

IOWA SCHOOL FOR THE DEAF

The following business pertaining to the Iowa School for the Deaf was transacted on Friday, January 17, 1975.

REGISTER OF PERSONNEL CHANGES. The actions reported in the Register of Personnel Changes for the month of December 1974 were ratified by the board.

STUDENT TEACHING AGREEMENT - NORTHWEST MISSOURI STATE COLLEGE. The board was requested to approve a student teaching agreement between Northwest Missouri State College and the school. Mr. Richey reported that the Board Office has been working with Iowa School for the Deaf regarding this student teaching agreement and a format has been suggested which is quite similar to that required with local school districts. He noted that remuneration amounts to \$50 for each teacher assigned. He requested the board approve the agreement with the understanding that the final details of the language will be worked out later.

MOTION:

Mrs. Collison moved the board approve a student teaching agreement with Northwest Missouri State College under the terms as specified above. Mr. Slife seconded the motion and it passed unanimously.

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. There were no items on the Register of Capital Improvement Business Transactions for the month of December 1974.

President Petersen asked board members and institutional executives if there were additional matters to be discussed under the Iowa School for the Deaf portion of the docket. There were no additional matters brought up for discussion.

IOWA BRAILLE AND SIGHT SAVING SCHOOL

The following business pertaining to the Iowa Braille and Sight Saving School was transacted on Friday, January 17, 1975.

REGISTER OF PERSONNEL CHANGES. The actions reported in the Register of Personnel Changes for the month of December 1974 were ratified by the board.

AGREEMENT WITH ELLSWORTH COMMUNITY COLLEGE. The board was requested to approve an agreement between Ellsworth Community College and Iowa Braille and Sight Saving School. An agreement was presented which set forth the role, responsibilities, and rights between the two parties and of any student enrolled at the college while assigned for practicum experience at Iowa Braille and Sight Saving School. It was noted that the practicum program appears to be mutually beneficial to both parties. No compensation in terms of monetary remuneration shall accrue to any party to this agreement.

MOTION: Mr. Zumbach moved the board approve an agreement for cooperation for practicum experience between Ellsworth Community College and Iowa Braille and Sight Saving School. Mr. Bailey seconded the motion and it passed unanimously.

A copy of the agreement is on file at the Board Office.

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. Executive Secretary Richey reported the Register of Capital Improvement Business Transactions for the month of December 1974 had been filed with him, was in order, and recommended approval.

The following construction contract was recommended for approval:

<u>PROJECT</u>	<u>AWARDEE</u>	<u>TYPE OF CONTRACT</u>	<u>AMOUNT</u>
Painting Project, Rice Hall, Second Floor	Spencer Painting, Vinton, Iowa	Painting	\$8,485

Source of funds is 1974-75 RR&A. The board's attention was called to the "unusual circumstance" involved in the receipt of identical low bids in initial bidding. Four bids were received December 23. Because of the identical bids, all bids were rejected. Rebidding by sealed bid took place December 24. Two bids were received and award was recommended to the low bidder. Project description and bidding record is on file at the Board Office.

IOWA BRAILLE AND SIGHT SAVING SCHOOL  
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MOTION:

Mr. Brownlee moved the board approve the Register of Capital Improvement Business Transactions for the month of December 1974; the contract as shown above be awarded; the executive secretary be authorized to sign any necessary documents. Mr. Bailey seconded the motion and it passed with all ayes.

PORCH RENOVATION PROJECT. The board was requested to: (1) reallocate \$81,403 of 65th G.A., 1st Session non-line itemed appropriations from SUI - Eastlawn Remodeling to IBSSS - Porch Renovations, Main Building; (2) approve a revised project budget of \$161,482; (3) award contracts to: East/Front Porch Renovation - Winegardner Construction, Cedar Rapids, Iowa in the amount of \$12,666.88 and Stair Columns - Voigtmann Construction, Cedar Rapids, Iowa in the amount of \$138,715.00 which includes one add alternate in the amount of \$41,395.00.

The Board Office reported that the amount available for this project was \$80,079. If both contracts are to be awarded with the alternate, a total of \$161,482 is needed or \$81,403 more than is available from IBSSS's allocation. From a purely safety standpoint, i.e., providing adequate exit facilities from the Main Building, it was considered essential that the project be carried out. The board in 1973 had discretionary allocation of \$3,500,000 in capital appropriations. Except for an \$88,000 allocation to the University of Iowa, all these funds have now been firmly committed to specific projects with contracts being awarded or soon to be awarded. The university has agreed to a reallocation of \$81,403 of this \$88,000 to IBSSS with the understanding that these funds would be replaced with other state funds when needed for the Eastlawn project. The reallocation will enable the board to award all contracts on the porch project. In so doing, two front porches can be repaired and the rear porches can be replaced with three exterior stair columns.

MOTION:

Mr. Slife moved the board: (1) reallocate \$81,403 of 65th G.A. 1st Session non-line itemed appropriations from SUI - Eastlawn Remodeling to IBSSS - Porch Renovations, Main Building; (2) approve a revised project budget of \$161,482; (3) award contracts to Winegardner Construction and Voigtmann Construction, Cedar Rapids, in the amounts shown above. Mr. Bailey seconded the motion.

Executive Vice President Chambers reported the university is pleased to help Iowa Braille and Sight Saving School with this cash-flow problem.

President Petersen asked if the board should make some information available to the legislative appropriation committee in this regard. Mr. Richey reported that a status report on all capital projects and funds is presented to the committee each session and this transfer of money will be included in that report.

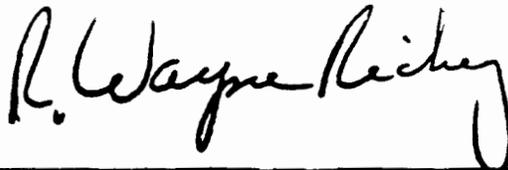
ACTION ON MOTION:

The motion passed unanimously.

IOWA BRAILLE AND SIGHT SAVING SCHOOL  
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Superintendent Woodcock noted that this project will eliminate the vertical drop in the open interior stairwell. He also informed the board that the new windows had been installed on the third floor of the Main Building.

ADJOURNMENT. The meeting adjourned at 2:15 p.m., Friday, January 17, 1975.

A handwritten signature in cursive script, reading "R. Wayne Richey". The signature is written in black ink and is positioned above a horizontal line.

R. Wayne Richey, Executive Secretary