Motion Submitted by the Department of Mathematics regarding the Science Complex Library.

MOTION: The UWM Faculty Senate recommends that

1. the Science Complex Library be retained as a research facility containing research level material in the mathematical sciences used primarily by graduate students and faculty on the science campus;

2. all books and periodicals used by undergraduates or by interdisciplinary researchers be returned to the Central Library at the earliest possible time;

3. this resolution supersede Section 2 of Faculty Document 670, approved by the Senate on May 13, 1971, recommending "Expeditious return of the collection presently housed in the Science Complex to the Central Library."

(Moved by G. Walter)

JUSTIFICATION:

The separate housing of specialized research collections in mathematics, in either a departmental or science library, is the policy of most major universities. This was recognized in 1964 by the UWM Administration and the UWM Library Committee when the concept of a science division library was initially approved.

It also conforms to the provisions of the H.E.W. grant which paid the entire cost of that Library. The proposal for that grant stated that this facility "will be used exclusively for graduate and research service." Virtually all of the problems associated with the present Science Complex Library have arisen because additional material, needed by other departments and by undergraduates, has been, but should not have been, housed there. The proposed motion will require that materials needed by other departments be housed in the Central Library.

Only mathematical materials used primarily by researchers in departments located in or near the EMS building would be housed in the Science Complex Library.
APPENDIX A

THE UNIVERSITY OF WISCONSIN-MILWAUKEE

Department of Mathematics

February 22, 1973

Historical Background:

It was in 1964, during deliberations of the Science Complex Building Committee, that the concept of a Science Complex Library was born. It was conceived as a purely graduate student and faculty research facility and was not to contain materials essential to undergraduates or interdisciplinary researchers. The proposal was discussed at several meetings of the Science Complex Building Committee, at which both Director of the Library Mark Gormley and Vice-Chancellor William L. Walters were present, and of the UWM Library Committee. The proposal was approved by the Science Complex Building Committee and, in the minutes of its meeting of November 2, 1964, the UWM Library Committee said

"The UWM Faculty Library Committee concurs in the opinion of the University Librarian that a science information center, to include a science division library, be provided for in new building construction in the west (science) area on the UWM campus."

Plans for the library were included in an application submitted to the U. S. Department of Health, Education, and Welfare for substantial funding for construction of the Science Complex Building. Representatives of H.E.W. visited the UWM Campus and met with the building committee and members of the UWM administration, including Chancellor Klotsche and Vice-Chancellor Walters. Those representatives were most impressed by the inclusion in the proposal of a mathematical sciences research library. Subsequently, $1,221,029 of federal money was awarded to UWM for partial support of the Science Complex Building; of this amount an estimated $216,000 was used for construction of the Science Complex Library, and, under the provisions of the grant, this was the only use to which those funds could be applied.

As construction of the Science Complex Building neared completion and the scheduled date of occupancy (1970-71 semester break) approached, considerable confusion arose on the UWM campus over what was happening. In the midst of this confusion, Acting Director of Libraries William D. Moritz ordered all materials in the QA, QB, QC, and T classifications to be moved from the Central Library to the Science Complex Library rather than solely those graduate and faculty research materials the new library was intended for. Since the QA, QB, QC, and T classifications contain materials of interest to the general UWM community, moving all these materials to the Science Complex Library almost appears to have been calculated
to cause an uproar of protest, and indeed it did. Now the present Director of Libraries and the present UWM Library Committee have recommended that the entire collection be returned to the Central Library. They cite the University policy of a centralized library facility and the budgetary problems of maintaining separate facilities as the reasons for this recommendation.

The advantages of a centralized library facility to the undergraduate student and the interdisciplinary researcher are clear and the central housing of materials used by these persons is not in question. The question is the location of certain extremely specialized research collections. Proponents of the Central Library concept believe that even the smallest deviation will eventually result in a splintered library system. But with the impending completion of Phase II and the anticipated completion of Phase III of the Central Library, this fear seems unfounded. We leave to others the task of arguing their own cases and concentrate on the case for a separate mathematical sciences research collection. We have argued in the past that the nature of research in the mathematical sciences makes it imperative that the researcher have his materials readily at hand. The best evidence of this need we can give is the experience of other schools. The Department of Mathematics sent inquiries to a large number of major universities in the United States asking the nature of their mathematical library facilities. All replies reported a mathematics or mathematical sciences library in close proximity to their mathematical researchers' offices; those letters are on file in the Department of Mathematics office. We know of no major university in the United States that does not have specialized research facilities for their mathematicians. We do know of one case where the alternative has been tried. It is referred to in a letter dated June 11, 1971 from Alberto P. Calderon, then Chairman of the University of Chicago's Mathematics Department to Edmund Feller, then Chairman of the UWM Mathematics Department, part of which we quote:

"A few years ago, Oxford University went to a central library scheme, and the mathematical library was centralized along with all the other departmental libraries. Discontent was so high and so persistent among Oxford mathematicians that just recently the mathematical part was spun off and Oxford once more has its mathematical library in juxtaposition with its mathematicians. Really, what else makes sense?"

While the Ph.D. program of the Department of Mathematics is among the strongest on the UWM campus, it has only recently begun to achieve a respectable ranking among similar programs at other schools. The loss of this facility would significantly weaken this program, not only in its direct effect on the work of our graduate students, but also in our ability to hire and keep faculty of the highest caliber.
It has been argued that, while it would be nice if we had our own library, UWM simply cannot afford it. We feel the numbers used in these arguments have been grossly exaggerated. The physical facilities are built, equipped and paid for (fortunately by someone else). If only research level materials were housed there, as we have always advocated, the level of services required would be very low. We estimate that the yearly operating cost of this separate research facility over that of housing the research collection in the Central Library could be held to below $10,000. Part of this could be borne by the departments directly involved.
APPENDIX B

The University of Wisconsin—Milwaukee
MILWAUKEE, WISCONSIN 53201

THE LIBRARY

February 28, 1973

TO: Members, UWM Faculty Senate

FROM: William C. Roselle
       Director of the Library

SUBJECT: Position Statement of the Director of the Library concerning
         Faculty Document 764, Department of Mathematics' motion
         regarding the Science Complex Collection.

         (The Library Director's Statement was unanimously endorsed
         by the UWM Library Committee on February 27, 1973.)

I submit for your consideration the following analysis of the motion submitted by
the Department of Mathematics.

1. UWM has had a continuing history of centralized library services
   dictated by campus size and library budget. The sole exception
   was in 1964 when the UWM Faculty Library Committee endorsed
   the principle of a science information center incorporating a
   science divisional library for the west campus.

   The proposed science information center was never developed, and
   what was envisioned as a divisional library for the sciences was
   reduced to a departmental library serving the needs of several
   academic departments and causing great inconvenience to students
   and faculty from numerous other departments.

2. In January and February of 1971, feverish efforts were put forth
   by the UWM Library staff to prepare the collection and catalogs for
   transfer from the Library to the Science Complex. This move was
   accomplished amid controversy and with short notice. It is under-
   standable that, in the midst of conflict and confusion, the hastily
   moved collection included materials that should have remained in
   the UWM Library.

   The Department of Mathematics assertion that this move was
   completed in a calculated effort "to cause an uproar of protest"
   is patently false. Entire Library of Congress schedules were
   moved to the Science Complex in order to preclude costly and
   time-consuming marking of volumes and catalog entries neces-
   sary if schedules had been divided and individual titles were
   removed.
3. From January through June, 1971, the Library staff aggressively solicited user reactions to the kinds of materials housed in the Science Complex Collection. When I came to the Library in July, 1971, a summary of those user reactions and a recommendation to return classes TP through TX (petroleum engineering, photography, nutrition, etc.) were presented to me by the Library staff. This was accomplished in August, 1971, and was reported to the University Library Committee at its fall, 1971, meeting.

These efforts toward improvement of the situation were not the result of attempts to create an uproar. Indeed, the opposite was consistently sought.

4. In May, 1971, the UWM Faculty Senate reaffirmed the principle of a centralized library collection and approved the expeditious return of the Science Complex Collection to the UWM Library. When I came to UWM in July, 1971, I understood this Senate action to represent the wishes of the UWM Faculty. I have guided library development for one and one-half years with the interpretation of "expeditious" being "upon completion of Library Stage II".

5. When the University Library Committee's report for 1971-72 was presented, the Department of Mathematics reacted unfavorably to the report of the return of portions of the Science Complex Collection to the UWM Library (described in item 3 above), and the result was a request for open hearings on centralized vs. decentralized libraries. This directive was sent from the UWM Faculty Senate to the University Library Committee in May, 1972.

Open hearings were held in November and December, 1972. The result of those hearings is another reaffirmation of the principle of centralized library services for UWM. I respectfully submit that the report of the University Library Committee is the result of careful and objective review and should stand, as should the May, 1971, Faculty Document 670 on centralized library services, without amendment.

6. It is asserted that the costs of the separate collection would be minimal. This is not so. Current operational costs approach $30,000 per annum excluding academic staff and collection development costs. To turn a major portion of our collection over to staffing by part-time work study students as is proposed by the Department of Mathematics is inconceivable and unworkable.

To maintain current subscriptions to the list of titles suggested by the Department of Mathematics would cost between $15,000 and $18,000 per year. The check-in, shelving, binding, and circulation of a collection representing this annual expenditure cannot be entrusted to randomly selected, untrained part-time personnel.
The Department of Mathematics informs me that the complete files of bound volumes of the 270 titles they need must accompany the current issues. This is a total of 4,765 volumes; volumes, I might add, that were purchased not from unrestricted Department of Mathematics funds, but from Library capital funds for collection development for the entire campus community. The costs for purchase, processing, binding, and maintenance of that collection over the years would be almost impossible to estimate but would certainly reach hundreds of thousands of dollars.

You must also keep in mind that this proposal now includes only current and bound periodicals. However, the amendment is carefully worded to be so open that it holds the awesome potential for virtually unlimited expansion of the parameters of the collection. Will it be next month or next semester that I appear before the Senate to attempt to defeat moves to expand the collection to include monographs, reference sources, bibliographies, indexes, and more and more serial titles serving additional departments?

There are other hidden costs to be faced. If the QA classification is divided, and, if other titles from other classes are removed to the Science Complex Collection, then costly marking of locations on the volumes and the catalog cards will begin to sap away the Library’s strengths for processing newly-acquired materials. This the Library can ill-afford for we face the opening of Library Stage II, an increase of nearly 75% in our building space with no additional staffing. It is intended that all movable equipment and furnishings in the Science Complex Collection be used in Library Stage II. If this is not done, then nearly $50,000 in book funds may have to be taken from the '73-'75 Library allocation for equipment purchases for Library Stage II. The total net effect of these hidden costs could be a substantial reduction in the Library's book purchasing power in all subject fields.

7. The question of a suitable alternate use of the space now occupied by the Science Complex Collection is not one that should be permitted to become an obstruction to having the holdings of the UWM Library again under one roof. I cannot speak for other administrative units on this campus, but I have assurances that suitable alternate uses for that space are being explored with governmental officials and that federal funds involved with that project will not be jeopardized.

8. The proposed amendment relates to an initial bibliography of nearly 270 serial titles previously specified by the Mathematics Department. I understand that the Mathematics Department believes that these titles are needed solely by the faculty and graduate students in mathematics. However, I have been approached by the Departments of Business Administration, Geology, and Philosophy who claim need
of anywhere from 72 to 113 of these titles. A careful analysis would probably reveal more such titles, thereby destroying the contention that this is a specialized collection proposed only for mathematicians.

9. The proposal before you is neither modest nor reasonable as it describes itself. The doctoral program in Mathematics was developed long before January, 1971, when this disputed departmental library was created. How can Department of Mathematics programs be impaired by the return of these collections to a 24-hour library?

The degree to which branch libraries are permitted to proliferate has been described as the most persistent and difficult organizational problem for the director of a university library. The Faculty Senate has before it an opportunity to provide a benchmark from which the future of library service at UWM can positively be determined. For that reason, I urge the defeat of the motion in Faculty Document 764.

WCR:jg