

SPECTRUM

SU energy policy: conservation

Gary Grinaker

In one year, SU saved enough coal to fill a train 93 miles long, enough electricity to serve 84 single family dwellings for one year, and enough water to meet the needs of 232 families for an entire year.

Don Stockman, vice president for finance, reported the massive savings resulting from SU's energy conservation campaign, which he launched more than a year ago.

The campaign consisted of two programs. A long range program for major expenditures and renovations and a "Quick Fix" program to correct many of the small energy wastes on campus.

Under the guidance of Gary Reinke, physical plant services director, visitation teams of his employees working with more than 100 representatives from 50 major campus buildings checked every room of every building on campus to identify possible energy saving steps.

They found that a major energy waste was the lighting. In most rooms the light level was much higher than it needed to be.

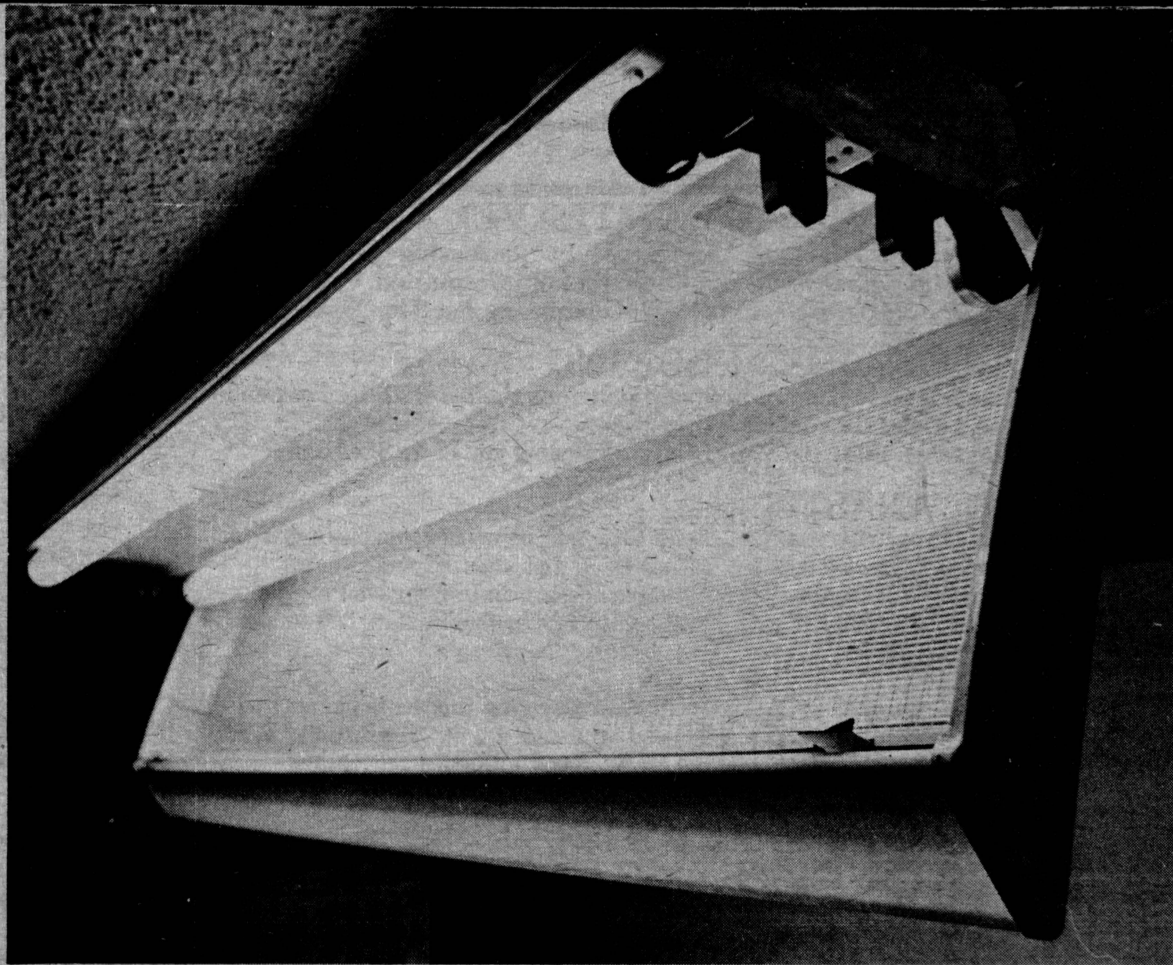
Now, on many of the overhead fluorescent light fixtures, there is a round red dot. If there is a whole dot, all the fluorescent tubes in the fixture should have been removed. If there is half a dot, half the tubes should have been removed. (Except in West Dining Center, where red dots can be seen on fully glowing lights and no dots can be found on inactive lights.)

Although the lighting change was hardly noticed, the electricity savings quickly added up. In one building alone, over more than 35,000 watts of lighting was removed. That's more than 900 florescent tubes.

And in air conditioned buildings the windows were "fixed" by applying caulking all around and nailing them shut. Also, many windows have been repaired, replaced or in some older buildings, covered with polyethelene.

In several of the buildings with large window areas, some of the panes have been covered with insulated panels.

"Reducing the glass size makes a remarkable difference," commented Reinke. "Last summer we had a portable air conditioner running full out in one room in Walster and it couldn't drop the temperature in the space lower than 90 degrees. After putting styrofoam inside the windows, the air conditioner couldn't be run on any setting higher than low without freezing everyone out."



Large electrical saving were realized by removing excess bulbs from light fixtures. Fixtures with a half dot on the end should have their bulbs removed.

A great saver of water as well as heat energy has been the new shower heads placed in the showers on campus.

The shower heads only need a quarter of the water formally used because they put out a high pressure mist.

"The response to the new showers has been mostly favorable, especially from young ladies whose hairdos no longer get as wet while showering," Reinke said.

However, the response to turning down the water temperature in the showers was not quite so well received.

The hot water temperature was turned down from 180 degrees to 120 degrees. Several students complained about the scalding hot water.

Not as much cold water needed to be mixed with the hot to adjust the showers to a reasonable temperature. Whenever a nearby john was flushed, thus lowering the cold water pressure, shower temperatures were sent soaring.

Now, the hot water temperature has been raised to 155 degrees. To better control individual room temperatures, thermostatically controlled radiator valves have been installed on many of the radiators. And several of the older buildings on campus have had their attics insulated and timers installed in the ventilating systems.

During the '73 fuel crisis we tried to conserve energy by shortening the run time on some of our ventilation systems from 24 hours a day to 11 hours," Reinke said. "But we found we could reduce that even further, from 11 hours to only 100 minutes a day."

This is done by having short runs of five minutes every 20 minutes during the

day. "Ninety per cent of the people in the buildings haven't even noticed the change. And it saves us the cost of heating unneeded outside air when bringing it into the buildings," Reinke said.

"On an individual basis any of the steps taken may seem inconsequential, but when 9,000 people collectively cooperate good things begin to happen," Stockman said.

Those good things resulted in a \$105,727 savings in utility expenditures, he added.

Our energy reduction during the year-long program amounted to 65,322,747 pounds of steam (6,500 tons of coal); 676,009 kilowatt hours of electricity and 22,234,370 gallons of water.

In comparison, SU used less than 6,000 tons of coal during the entire month of November for heating buildings and water for the entire campus.

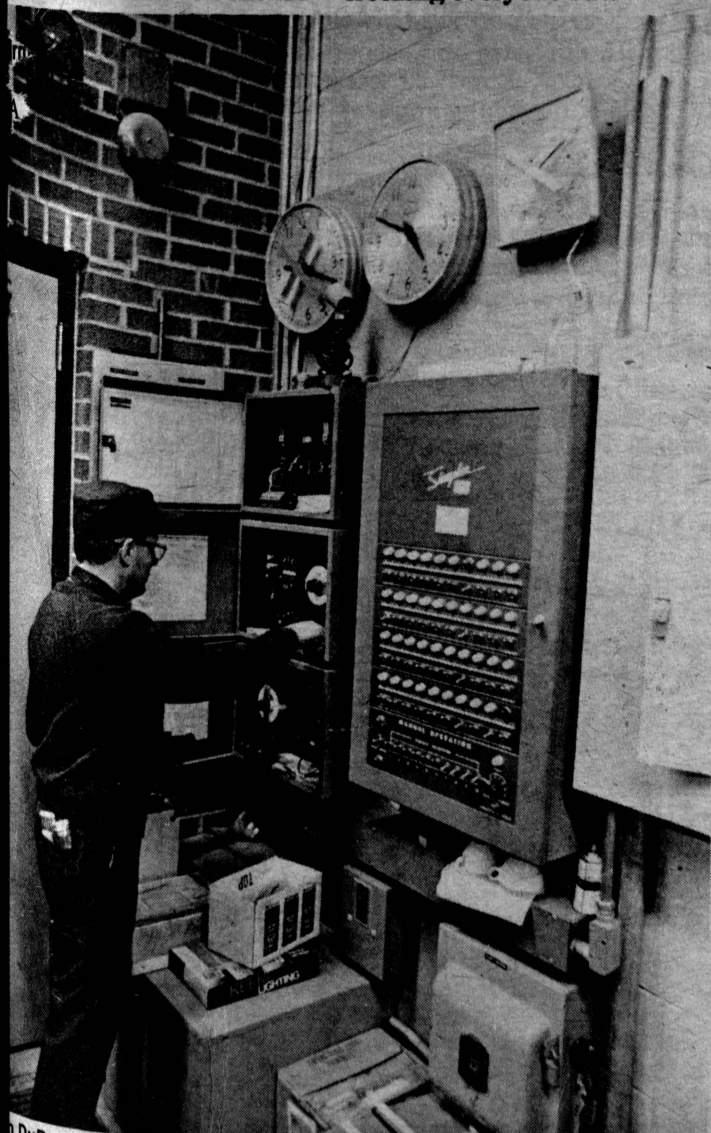
To keep SU's energy expenditure down several ideas are in the works.

Steve Barna, a senior in Mechanical Engineering, has been hired to birdog the conservation program. He will be checking with building personnel to see that conservation measures don't fall lax and keep an eye out for new ideas.

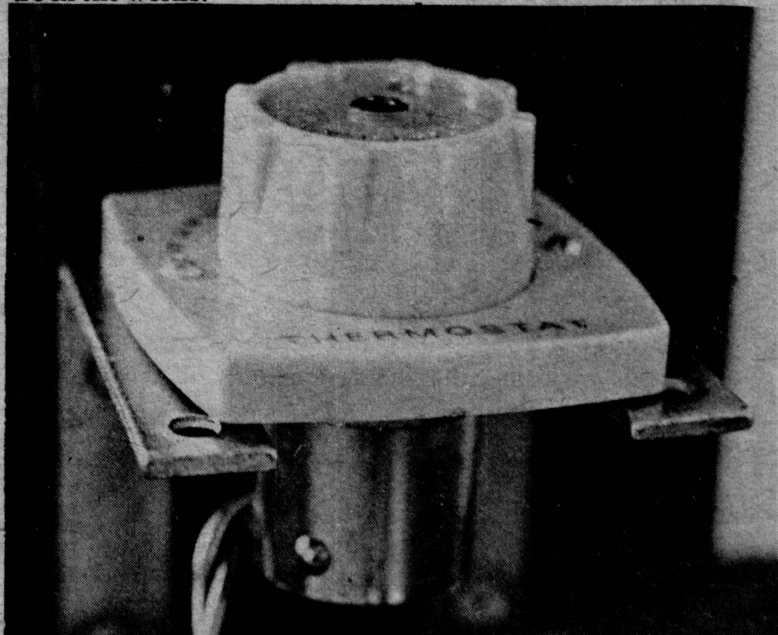
Under the long range plan, more buildings are being insulated and windows and temperature controls are being installed.

Also, \$2 million has been appropriated to replace three of the old coal boilers at the Power Plant with a larger boiler to meet pollution standards.

Eventually, Reinke foresees a new steam tunnel system to eventually replaced the deteriorating buried pipes. High pressure lines would be much more efficient, carrying steam at 100 pounds of pressure through 6 inch lines, compared with the 12 inch lines that can barely take the 15 pounds of pressure used now.



DuBord, SU electrician, adjusts the Simplex master clock which controls the lights, clocks, bells, fans and other timed electrical equipment on campus.



Thermostats have been installed on many of the steam and hot water radiators on campus. (Photos by Gary Grinaker)

SKILL WAREHOUSE

ART OF EUROPEAN TRAVEL

Prepare for your trip to Europe by discussing pre-departure planning, practical hints, and sources of information. Cost: \$2.00. Mondays, 7:00 - 9:00 PM FLC 319B-C, beginning Jan. 9 for 2 sessions.

APARTMENT COOKING

Learn how to cook simple and delicious dishes with less expense and a lower fat content. Thursdays, 6:00 - 8:00 PM FLC 310, beginning Jan. 12 for 6 sessions.

AQUANASTICS

You can exercise vigorously with little fatigue or sore muscles when you exercise in the water. Limit: 20 students. This class is offered in affiliation with the Campus Recreation and Intramural Sports Program. Thurs. 7:00 - 8:00 PM swimming pool, NFH, beginning Jan. 12/6 sessions.

BALLET

A basic course in ballet that will be challenging for the beginner and a good workout for those advanced students. Limit: 25 students. Wear leotards, tights, and tube socks. Ballet shoes optional. Tues. 3:30 - 5:00 PM, Dance Studio, OFH, beginning Jan. 10 / 6 sessions.

BARTENDING

The art of bartending from cordial to cocktail. Learn the art of mixing, serving, and enjoying. Cost: \$5.00 lab fee/opt. \$10.00 for supplies. Limit: 25 students. Tues. 7:30 - 9:30 PM, FLC 310, beginning Jan. 10 for 7 sessions.

BEGINNING BILLIARDS

Learn about stance, aiming, and many other aspects of playing billiards. Cost: .50 per session. Thursday, 7:30 - 9:00 PM, Memorial Union Recreation Center, beginning Jan. 12 / 6 sessions

BEGINNING CALLIGRAPHY

Learn how to letter neatly and artistically. This art will be helpful in many classes. Wednesday, 7:30 - 8:30 PM, Plains Room, Memorial Union, beginning January 11 for 6 sessions.

BEGINNING FIGURE SKATING

Basics of figure skating will be taught. Hockey skates are acceptable. Limit: 20 students. Dress warm and bring your skates. Tues. 7:00 - 9:00 PM, in the frozen pond behind Thompson Hall, beginning January 10 for 6 sessions.

CONSUMERISM AND NUTRITION

Current nutrition questions and answers. Limit: 20 students. Monday, 7:00 - 8:30 PM, Crest Hall, Memorial Union, beginning January 9 for 4 sessions.

COOKING NATURALLY

Natural foods: how to prepare them and a chance to eat them. Wednesday, 6:30 - 8:30 PM, FLC 310, beginning Jan. 11 / 4 sessions.

FIRST AID

Learn the basic skills needed to handle an emergency situation. Those completing the course will receive Red Cross certification. Cost: \$4.45. Limit: 25 students. Wednesday, 6:00 - 8:00 PM, FLC Auditorium, beginning January 11 for 4 sessions.

GUITAR — BEGINNING I

For those with no previous background in guitar playing. Guitars available for rent. Limit: 15 students. Book: \$2.00. Section I: Tuesday, 6:30 - 7:30 PM, FLC 319A,B,C, beginning January 10 for 6 sessions. Section II: Tuesday, 7:45 - 8:45 PM, FLC 319A,B,C, beginning January 10 for 6 sessions.

GUITAR — BEGINNING II

A continuation of Beginning I. Limit: 15 students. Book: \$1.00. Section I: Tuesdays, 6:30 - 7:30 p.m., FLC 319A,B,C, beginning January 10 for 6 sessions.

GUITAR - BEGINNING III

A continuation of Beginning II, Limit: 15 students. Book: \$1.00. Tuesdays, 6:30 - 7:30 p.m., FLC 319A,B,C, beginning January 10 for 6 sessions.

GUITAR - FOLK I

Explore the world of folk guitar. For those who have had a lot of experience playing the guitar. Limit: 15 students. Book: \$1.00. Tuesdays, 9:00 - 10:00 P.M., FLC 319A,B,C, beginning January 10 for 6 sessions.

NDSU STUDENTS & SPOUSES: FREE WITH I.D.

NDSU STAFF & SPOUSES: \$3.00 REGISTRATION

TO REGISTER: COME TO FIRST SESSION

FOR MORE INFORMATION: CALL 237-8242

Memorial Union, Main Floor

GUITAR - FOLK II

A continuation of Folk I. Limit: 15 students. Book: \$1.00. Tuesdays, 7:45 - 8:45 P.M., FLC 319A,B,C, beginning January 10 for 6 sessions.

GUITAR - ADVANCED FOLK

A continuation of Folk II. Limit: 15 students. Book: \$1.00. Tuesdays, 9:00 - 10:00 P.M., FLC 319A,B,C, beginning January 10 for 6 sessions.

GUITAR - CLASSICAL

Students should be able to read notes on the guitar, but no previous knowledge of classical guitar is necessary. Limit: 7 students. Book: \$1.00. Tuesdays, 9:00-10:00 P.M., FLC 319A,B,C, beginning January 10 for 6 sessions.

HARMONICA

Anyone who likes music and has time for practice can learn to play. Limit: 30 students. Students need their own harmonicas. Wednesdays, 7:30 - 8:30 P.M., FLC 320D-E, beginning January 11 for 6 sessions.

HOW TO MAKE OUTDOOR CLOTHING AND EQUIPMENT

Learn how to select and sew the proper materials. Tuesdays, 7:30 - 8:30 P.M., FLC 320F, beginning January 10 for 3 sessions.

ICE FISHING

This class will cover techniques of winter ice fishing and then take fieldtrips to nearby lakes to test their skills. First meeting: Thursday, January 12, 7:00 - 9:00 P.M., Plains Room, Memorial Union. Plus two fieldtrips. First is January 14. Second is optional; to be planned later.

MIME

Learn basic techniques including pantomime and related exercises. Thursdays, 7:00-8:00 P.M., States Room, Memorial Union, beginning January 12 for 6 sessions.

PIANO

Classes of 2 or 3 students will be arranged to meet once a week. For those at all proficiency levels. Limit: 30 students. Cost: \$6.00 plus book. First meeting: Thursday, January 12, 7:30 - 8:30 P.M., FLC 320B-C.

PLANNING YOUR WEDDING

This class deals with etiquette and responsibilities of weddings and hints on organization. Limit: 20 students. Tuesdays, 6:30 - 8:00 P.M., FLC 320D-E, beginning January 10 for 3 sessions.

SOCIAL DANCE

Gain confidence on the dance floor. Limit: 60 students. Section I: Mondays, 6:00-8:00 P.M., Memorial Union Ballroom, beginning January 16 for 6 sessions. Section II: Mondays, 8:00-10:00 P.M., Memorial Union Ballroom, beginning January 16 for 6 sessions.

SPEEDCHESS

Every student will look like a chess pro after this course. Limit: 14 students. Students who have chess clocks should bring them. Tuesdays, 6:00-9:00 P.M., Memorial Union room 306, beginning January 10 for 4 sessions.

SQUARE DANCING

Learn to Do Sa Do and Swing Your Partner

Mondays, 7:00-9:00 P.M., Upper Room at the University Lutheran Center beginning January 9 for 6 sessions.

STUDENT LEADERSHIP TRAINING

For students involved in or seeking leadership roles in campus organizations. Limit: 30 students. Wednesdays, 7:00 - 9:00 P.M., Hultz Lounge, Memorial Union, beginning January 11 for 6 sessions.

YOGA

Develop poise, energy, a trim figure, and the ability to relax with faithful practice of Hatha Yoga. Saturdays, 9:30 - 11:00 A.M., Memorial Union Music Listening Lounge, beginning January 14 for 6 sessions.

Clips

campus

Scholars lecture

A Scholars Program lecture, "Computers that Understand English: Are We Ready For Them?" will be presented at 7:30 p.m. Wednesday, Jan. 10, in the 4-H auditorium of the Family Life Center.

The lecturer will be Dr. Paratharthy Satyanarayana, an assistant professor of mathematics.

Winter quarter Tuesday evening Forums, sponsored by the SU Scholars Program, are open to the public at no charge.

Consumer Relations Board

The Consumer Relations Board will meet at 4 p.m. on Wednesday, Jan. 10, in Room 4 of the Family Living Center.

Wildlife Society

The Wildlife Society will be discussing conducting at career planning and job placement workshop at its next meeting at 7:30 p.m. Wednesday, Jan. 11, in Van Hall 101.

Psychology Club

The SU Psychology Club is presenting "Fireside Chat" with Dr. Richard Harper, a clinical psychologist in private practice. Dr. Harper will discuss and demonstrate his work with altered states of consciousness: hypnosis, meditation, and relaxation training. The discussion will be at

7:30 p.m. Wednesday, Jan. 11. Those interested can sign up outside the Psychology office, Minard 115.

Home Ec Practicum offered

Students wishing to apply for HEEd 474, Extension Practicum, for the summer of 1978, may obtain application forms in H.E. 283. Applications are due on or before Jan. 16, 1978.

Instructional Management class

A course, "The Classroom and Instructional Management of Children in Regular and Special Classroom," Education 596, will begin at 7 p.m. Monday, Jan. 9, in Room 10 of the Neuro-Psychiatric Institute, 700 1st Ave. S.

Tri-College Student Personnel Association

Three local professionals will speak on what a personnel manager does. A business meeting will also be held at the next meeting of the Tri-College Student Personnel Association which will be 7 p.m. Tuesday, Jan. 10.

Medical Tech meeting

The next Med Tech meeting will be at 6 p.m. Tuesday, Jan. 12, in Stevens Hall 230. Internships will be discussed.

Pre-Med Club Meeting

There will be a meeting of the Pre-Med Club at 7:30 p.m. Wednesday, Jan. 11 in Room 303 of Stevens Hall. Guest speaker will be Dr. Joan Tillotson.

Ag. Eng. tractor contest

A Model Tractor and Tractor Performance Contest will be sponsored by the SU Agricultural Engineering Department Saturday, Feb. 11, during the annual Agricultural Engineering Show.

Prizes will be awarded to the top three pulling models and to the two judged best in workmanship, appearance and overall function. The purpose of the contest is to construct a model tractor or modify a commercially available model tractor. The tractor is to be propelled by two rubber bands furnished by the SU Agricultural Engineering Department.

Individuals may enter more than one model, and any number of students may work on a single entry. Junior or senior high school students (grades 7 through 12) are eligible.

All models will be tested for drawbar pull starting at 10 a.m. Saturday, Feb. 11, at the SU Agricultural Engineering Building. Entries may be mailed prior to that date, but delivery and operation by the contest is encouraged.

For details regarding the contest write Model Tractor Performance Contest, Agricultural Engineering Department, SU, Fargo, N.D. 58102.

The contest is being held in conjunction with SU's Little International show.

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News Briefs

U.S. steel industry officials

have blamed lower-priced foreign steel for massive layoffs and plant closings around the country. They charge the foreign producers with "dumping" steel on the U.S. market, that is, selling it for less than the cost of production.

Energy shortage predictions failed to have an adverse effect on the price of gasoline in 1977. A survey by a Los Angeles newsletter showed that gasoline prices rose by 4.14 per cent in 1977, while the consumer price index rose 6.7 per cent.

The survey of 20,000 service stations showed the average price of a gallon of gas at 61.8 cents, up from 59.4 cents a year ago.

The Treasury Department announced Tuesday that it will require all foreign producers to charge minimum prices not less than 5.7 per cent below current domestic steel prices.

Under the plan U.S. customs inspectors would tax imported steel up to the minimum if they found it less than that established standard.

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Alabama Gov. Wallace divorces wife after seven years

On their seventh wedding anniversary, only minutes before a scheduled divorce hearing, Alabama Gov. George Wallace and his wife Cornelia reached an out-of-court settlement on a separation.

Political observers feel that Wallace may run in November for the Senate and wished to avoid a lengthy, public airing of his differences with his wife.

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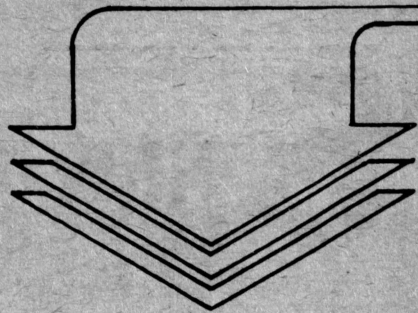
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SPECTRUM EDITORIAL

While reading through the South Dakota State University student newspaper, the Collegian, there was an answer from the editor to complaints about too much state and local news dominating the paper.

A point was made that most people should be aware of when they start complaining about student newspapers covering state and local news. It was that there is life outside a college campus whether some people like to recognize that fact or not.

Most student newspapers of any standing should include news that affect students whether it happens on campus or off. Covering city commission meetings and state board meetings when issues arise concerning students is a way of informing people about them. If a student paper ignores these issues it is ignoring a very real part of its coverage. A newspaper is to inform people of happenings and to get the word out on special issues.

Another point was made that students are citizens whether they think of themselves in those terms or not. There is nothing saying that students shouldn't be aware of what's happening

out in the real world along with keeping in tune with campus activities. The world doesn't stop simply because you attend college for four years.

A college education is supposed to be well rounded and introduce a student to many different facets of life. Some people end up concentrating so much on school and the activities involved with that they tend to forget there is an outside world. Some of those incidents may affect them when they finally graduate from college.

An average college career lasts from four to five years for most students, so it is a relatively small portion of one's lifetime. The outside world shouldn't be ignored or forgotten for four years out of your life.

A student newspaper should meet the most important goal, that of informing students about student issues. There is room for a little outside interest also. Some students have the habit of turning the TV news off for Hogan's Heroes, using the local newspapers for stuffing boxes, they get it at all. Keeping students aware of happenings, both local and student oriented, is a benefit students receive and it should have something of interest for everyone.



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The Spectrum is published Tuesdays and Fridays during the school year except holidays, vacations and examination periods. Opinions expressed herein are not necessarily those of the university administration, faculty or student body.

Editorial and business offices are located on the second floor, southside of the Memorial Union. Phone numbers are 237-8929 or 237-8629. The Spectrum is printed at Southeastern Printing in Casselton, N.D.

News stories or features for publication must be typewritten, double spaced, with a 65 character line. Deadline is 5 pm. two days before publication.

Letters to the editor are encouraged. They must be submitted typed, double-spaced and cannot be more than two pages in length. Letters must be signed but signatures will be withheld on request. The Spectrum, due to space limitations, reserves the right to edit letters for length, without destroying the writer's major thesis, and to correct obvious spelling, style and grammatical errors.

The Spectrum is published by the NDSU Board of Student Publications, State University Station, Fargo, N.D. 58102. Second class postage is paid at Fargo. Subscription rates are \$2 per quarter or \$5 per year.

backspace

by Ellen Kosse

With the final two months of "higher learning" at this university staring me in the face, I can't help but wonder exactly what "higher learning" means.

Somehow my image of what the extent of a college degree should be is falling dreadfully apart. I still feel that I only know a little about a number of things and certainly am not well educated on one subject or another.

However, I have discovered some of the finer points of life in the life of the normal college student. When dealing with such complex subjects as registration and drop/add, the students I know have shown more imagination and innovation than in their classroom field.

Beyond the usual forging of signatures on registration slips, which is only remedial deceit, the greatest examples come in the area of excuses for missing tests. (A few students have lost at least 15 creditsive grandfathers or grandmothers in the last 3 years in dealing with this aspect.)

At the "death in the family" excuse is really only beginning. Excuses that

the editor:

Reason is more than the physical mass of concrete and more than a constant stream of semi-insanity. It is in iniquity and words that descriptive of untruths so why do I? My journey into these reasons began 29 months at the age of 18 and I've been wandering aimlessly through this dilemma searching for something I know not of. The prison madness has freed me of understanding. Though my dream infested mind manages to exist my physical energy goes through changes. Before prison I never knew the scent of bitterness, the sights of hate, the feeling of loneliness, having to experience this more than 29 months I of find myself a bad parent of it all and when I attempt to trace the causes I am confused in my environment of peers so similar to my own.

Being denied compatible

relationships with people in the world I once knew seems to perpetuate my problems. We all have our struggles in life and as long as we have significance in life to keep living maybe that's why I'm writing, because I do care about what I've been through and want to share what I can with anyone out there in what I once knew to establish one honest, sincere, and meaningful relationship for some down to earth human growth where friendships exist. Optimism is good but not always needed if any of this scribe has interested you. What would it hurt to take the initiative of beginning correspondence with me here? I will answer every letter addressed to:

Michael Gary Shouldis
01145-282
P.O. Box 888
Ashland, KY 41101

Michael Shouldis

the arts file

Friday

The second season of "The American Popular Song with Alec Wilder and Friends" premieres at 7 p.m. on KDSU-FM, Stereo 92. Mark Murphy will sing Cy Coleman along with Stephen Sondheim. Favorites from "Sweet Charity," "See Saw," "Little Me" and the current Broadway hit, "I Love My Wife," will all be included in this hour.

Jazz versions of compositions by one of America's greatest songwriters, Cole Porter, will be featured on "Jazz Revisited" at 8:30 p.m. on KDSU-FM, Stereo 92.

Saturday

A new 13-part series, "Grand Piano, with Fred Calland," will premiere at 1:30 p.m. on KDSU-FM, Stereo 92. Various pianists will join Fred Calland, National Public Radio's senior music producer, to provide commentary as background to performances recorded at recitals and competitions throughout the country.

Lazar Berman will be featured in this first program, recorded at Purdue University. Other artists to be featured will include Philippe Entremont, John Ogden, Rosalyn Tureck, Hans Richter-Haaser, Steven de Groote, Paul Jacobs and Raymond Dudley.

"Earplay," a series of contemporary radio theatre, premieres at 10:05 p.m. on KDSU-FM, Stereo 92, with "Wings" by Arthur Kopit. In it, an elderly woman who was a pilot in her youth confronts her last great adventure.

Sunday

A concert by the Cleveland Orchestra will be presented beginning at 3 p.m. on KDSU-FM, Stereo 92. Included in their performance will be Cimarosa's "Secret Marriage" overture, Mozart's Symphony No. 35 "Haffner," Wagner's "Good Friday Music" "Parsifal" and Mendelssohn's Symphonie No. 5 "Reformation."

Campus Cinema presents "Alice Doesn't Live Here Anymore" at 5 & 8 p.m. in the Union Ballroom. SU students admitted free with ID.

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PRESCRIPTIONS & REPAIRS

"Echoes from India," a program of music from India and other eastern cultures hosted by Ali Shaikh, continues to be presented at 8 p.m. by KDSU-FM, Stereo 92.

SU Art Gallery

The SU Art Gallery will display "Northwest Eccentric Art," scheduled from Jan. 8 through Jan. 27. The premiere will be held from 3 to 5 p.m. Sunday. The exhibit includes works by 21 artists from the Pacific Northwest.

The two and three-dimensional works are described as "folk art, funky and metaphysical," by SU Art Gallery director Carol Morrow. Gallery hours are from 10 a.m. to 5 p.m. and 6 to 9 p.m. Monday through Thursday, 10 a.m. to 5 p.m. Friday, and 1 to 5 p.m. Saturday and Sunday.

Plains Art Museum

An exhibit of paintings and prints by George Pfeifer and photographs by Owen K. Osten will be on display through January 22.

URTA auditions Saturday

The Theatre Department at SU will play host in Askanase Hall beginning at 10 a.m. Saturday to the preliminary theatre auditions for the University Resident Theatre Association (URTA).


More than 35 college and university students from North Dakota and surrounding states are expected to compete in the regional preliminary competition as actors, singers or designers.

SU students in the competition are Gregory Wolsky, a senior in drama from Enderlin, N.D., and the following graduate students in drama: David Anderson, Berea, Ohio; Dan Camburn, West Chester, PA.; Janis Cheney, Baldwinville, Mass., and Ricky Pederson, Mayville, N.D.

Nine students from the SU auditions will be selected to participate in the finals of the URTA competition in late January and March at either New York City, Long Beach, Calif., or Columbus, Ohio.


Students placing high in the finals are offered jobs in Broadway productions, summer stock, or resident acting companies in cities around the country.


This is the third year SU has acted as host to the regional URTA competition.



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Bison lose first NCC game to UND Sioux

by Hal Nelson

The Bison were nipped by the UND Sioux 59 to 55 in men's basketball Wednesday night at the New Fieldhouse. The loss was the first game for the Bison in the N.C.C. play.

With 4:55 remaining the score was 50 to 48 in favor of the Sioux. Paul Shogren, the Bison's leading scorer, made one free throw to pull SU within one.

Reserve Ron Cooke made a lay up and two free throws to give the Sioux a 54 to 51 advantage.

The Bison again came within one point at 54 to 53 on a Shogren jumper but couldn't regain the lead. The Bison's last lead was at 48 to 46 with 5 minutes 43 seconds left to play.

Sioux forward Gruelich scored the first basket of the game with a reverse lay up. He and guard Rick Bouchard scored 14 points to lead the Sioux.

The Bison had a two man scoring show with Shogren getting 23 points and Larry Moore adding 20. Shogren made 11 of 19 field goals and Moore made a sizzling 10 of 12.

UND shot 50 per cent from the field and 84.6 per cent from the free throw line. SU shot 48.1 per cent from the field and 100 per cent at the line.

The Bison outrebounded the Sioux 31 to 23. Warner Huss had eight rebounds, Shogren had six and Bruce Shockman had five. Fahrbach led UND with rebounds.

An estimated crowd of 6,700 saw the Sioux hold a 28 to 26 halftime lead in a low scoring ballgame as both teams worked the ball around the court.

The Sioux upped their record to 7 and 5. The Sioux's N.C.C. record is 1 and 0. The Bison fell to 8 and 5 for the season.

Top Right-The Basketball team drew its biggest crowd since the UND game last year.

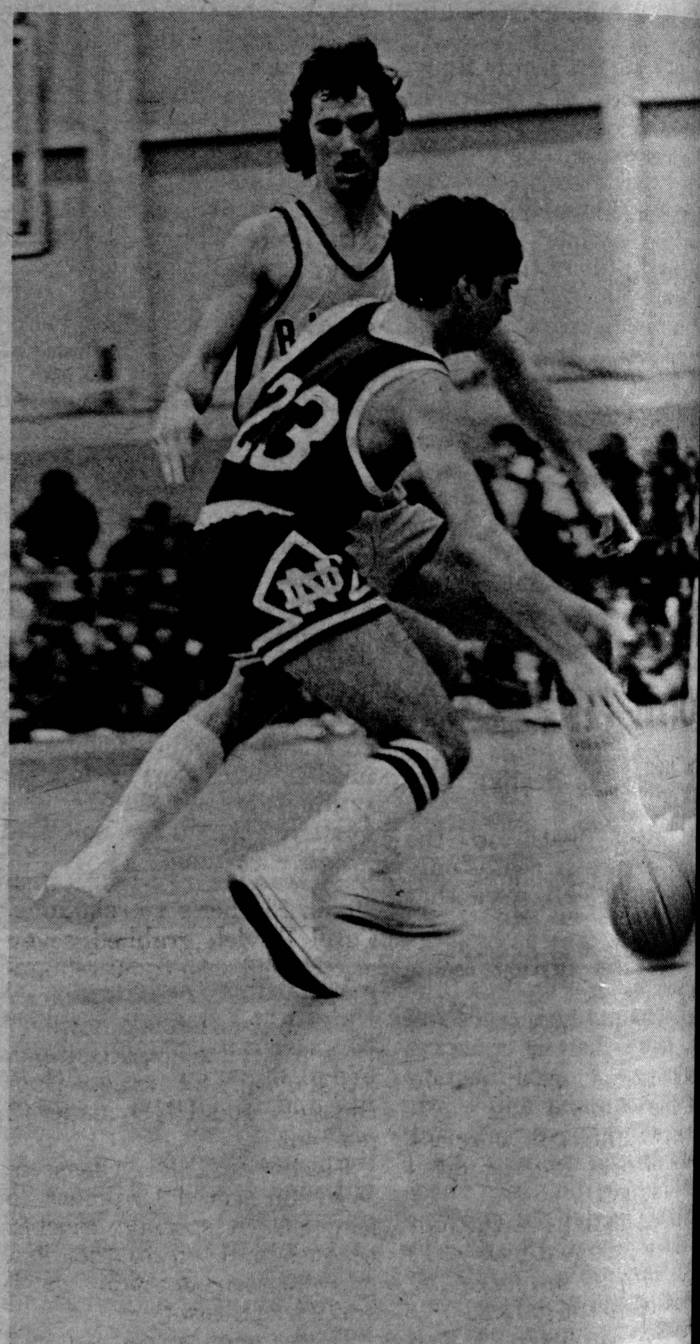
Top Left-Head Coach Marv Skaar gives explicit instructions to Paul Shogren during a time out near the end of the game.

Middle Left-Two of the younger members of the Fargo-Moorhead Acro Team gape at the large crowd on hand.

Middle Right-Paul Shogren plays a pressing defense in an attempt to get the ball as time wound down on the Bison.

Bottom Left-Larry Moore leaps for joy after he canned a jumpshot that put the Bison temporarily in front.

Bottom Right-The crowd is enthralled as two of the Acro team descend from the rafters. The team received its usual standing ovation at the end of its preformance.



Sports Shorts

The Bison wrestlers picked up a pair of victories as they clobbered the Concordia Cobbers 37-13 and the Moorhead Dragons 42-3 December 14.

Seven Bison grapplers went undefeated in the two duals. Guy Kimball, Mark Riemnitz, Ron Hilgart, and Doug Mar-

tin all added two wins to their records.

In the third dual that evening, the Cobbers sneaked by the Dragons 28-27 as the Dragons forfeited the heavyweight bout.

Third ranked SU will host Minnesota Jan. 17 after going

to St. Cloud State Jan. 13.

Today is the last day to enter men's hockey. Sign up sheets are available at the Intramural Sports office in the New Fieldhouse.

Men's women's and co-recreational bowling leagues will begin next week. Students should enter at Memorial Union Recreation and Outing Center on or before Monday.



Gunnink bears down on the basketball as she attempts to get away. (Photo by Don Pearson)

Sioux defeat Bison Women Wednesday

The inside strength of the Sioux proved to be too much for the Bison as UND defeated SU 64 to 51 in women's basketball Wednesday night at the New Fieldhouse.

UND led the entire game in its record to 3 and 4. The record fell to 3 and 8 for the season.

Both teams shot poorly from the outside with SU making two different scoreless streaks of over four minutes in the first half.

UND led 33 to 21 at the half and had its biggest lead at 59 to 22 with 6 minutes 37 seconds left in the game.

Kim Solseth, 6 foot 1 inch tall, used her height and range to lead Sioux with 24 points. Most of her points came in close to the basket.

Solseth blocked numerous shots by the Bison and pulled down 15 rebounds to lead the

Sioux in that department also. Jeanette Charvat and Julie Schuette each pulled down six rebounds.


SU was led by 5 foot 9 inch Diann Fischer's 18 rebounds. Carol Devich grabbed seven as SU held a 55 to 50 rebounding edge.

The big difference however was in field goal percentage. SU shot only 27 per cent from the field and UND made 42 per cent.

Fischer and Jan Christensen each scored 12 points to lead SU in scoring. Fischer made 6 of 14 from the field and Christensen made 5 of 15 and 2 free throws.

Both teams turned the ball over a lot forcing several shots. The Sioux were able to make close shots which did the Bison in.

This was the ninth straight win for the Sioux over the Bison in the last three years.



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For information on residency activity phone Andrew Froelich at 237-7932.

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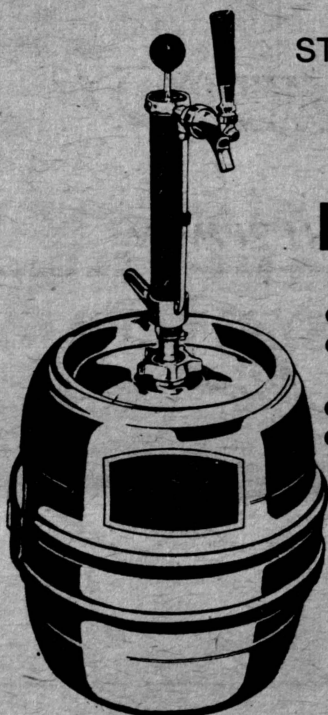
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