



2 / June 11, 1986 / Technician

Staff photos by Scott Rivenbark

Construction began a few weeks ago on a new 77-space parking lot near South Hall. The \$72,000 project should be finished when students return for fall semester, said Sallie Ricks, university landscape architect. Landscaping on the site will not begin until October, she added.



Campus Briefs

Vet school receives large gifts

A group representing kennel clubs in North Carolina, Virginia and Tennessee has given \$10,000 to endow student scholarships at the School of Veterinary Medicine. The Confederacy of Tail Waggers donated funds to provide

The Confederacy of Tail Waggers donated funds to provide one or more annual scholarships for veterinary medical students, said John Gerhm, II, executive director of the N.C. Veterinary Medical Foundation.

"This is a very outstanding effort by the Tail Waggers on behalf of the School of Veterinary Medicine," Gerhm said. "There is a tremendous need for scholarships among our veterinary students."

veterinary students." Rachel Chappell, vice president of the Confederacy of Tail Waggers, said her group is "very pleased to have a veterinary school in our area, and we are glad we could make this donation to serve the needs of the students."

The School of Veterinary Medicine has also recently received a \$10,000 gift from Holly Farms Poultry Industries and a \$25,000 pledge from Flora O'Quinn of Lillington. Both grants will be used to create and fund scholarships.

Zorowski named institute head

Carl Zorowski, a Reynolds Professor of Mechanical Engineering, has been named director of the Integrated Manufacturing Systems Engineering Institute at the School of Engineering.

Zorowski, an authority in mechanical component and system design, will succeed Allen Eberhardt, who leaves the position to return to full-time teaching and research in the department of mechanical and aerospace engineering.

mechanical and aerospace engineering. Larry Monteith, dean of the school, said in announcing the appointment, "Dr. Zorowski brings broad experience to this new assignment. His leadership will continue building this important academic and research program so successfully begun by Dr. Eberhardt."

The institute was founded in 1983 to strengthen the nation's capabilities in computer-aided manufacturing process for the production of low-cost, high quality products. Research is currently being conducted in robotics, automation and artificial intelligence techniques.

State sponsors minority program

The School of Education will sponsor a weeklong program June 16-20 for minority youth who are interested in a teaching career.

Twenty rising seniors from across the state have been invited to participate in the first Leadership Institute for Minority Youth.

Joseph Clary, associate professor of occupational education and co-director of the program, said the purpose of the institute is to encourage bright, young black students to choose careers in education. "In North Carolina, the projections are that black teachers (will) make up as little as 11 percent of the state's teaching force by the year 2010," he said.

teaching force by the year 2010," he said. "With more black teachers leaving the classroom and fewer high school students going into teacher education, we felt the need to take an active role in producing future teachers to serve as role models and mentors," he said. The students will participate in classroom and laboratory

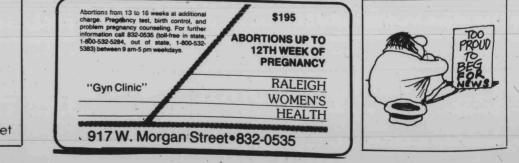
The students will participate in classroom and laboratory exercises, lectures, tours, and cultural events. The highlight of the week will be a tour of the State Capitol and Legislative Building and meetings with Governor James Martin and state legislators.

Library construction to begin soon

Construction of the new library will begin in August on the grassy knoll in the middle of the brickyard.

Edwin A. Harris, director of campus planning and construction, said that bids for the second phase of the library project were accepted Tuesday.

The first phase, already completed, included utilities and site preparation. The whole project should be finished in mid-1988, Harris said.



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News

As the pop tunes tol

Carolyn Davis Staff Writer

If you ever get tired of the music you hear on the radio, just turn your ears towards the belltower and the current carilloner might be playing one of your favorite tunes.

The belltower's carillon, a set of bells operated by a keyboard, is the largest in the Carolinas. It is played each afternoon from 5 to 5:15, and also on special occasions such as graduation and alumni weekend.

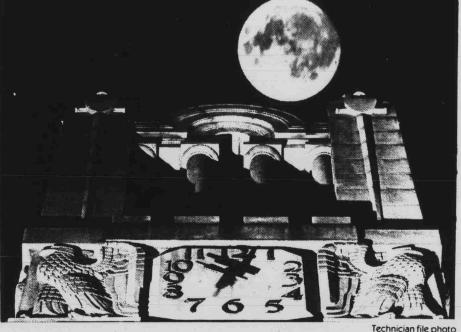
State's department of music faculty select students to play the carillon, said Perry Watson, director of the department. Students play the carillon from the basement of Holladay Hall, and the music is projected through speakers located in the belltower.

freedom to select their own music, "but we do have som general guidelines to follow, the main requirement being good taste," Watson said.

Recently, carilloners have been playing pop music such as Dionne Warwick's "That's What Friends Are For" and Billy Joel's "For the Longest Time." No Ozzy Osbourne or Missing Persons, yet.

Al Lanier, director of university relations, handles security and the upkeep of the carillon. Lanier said he doesn't think current popular music is "appropriate" and that some pop music should not be played on the carillon.

"I don't think that the bells lend themselves well to rock music," he said. Lanier added that carilloners play mostly hymns or patriotic tunes and



Student musicians play Dionne Warwick and Billy Joel as well as traditional hymns and patriotic songs from the belltower carillon.

finish each day's performance with a rendition of State's Alma Mater.

After being silent for five years, State's carillon was de-dicated on March 6 to former

Chancellor Cary Bostian, who led the fund raising campaign for the restoration of the belltower.

The student musicians have Toxic waste site poses little threat, officials investigating area say

Paul Woolverton Staff Writer

The toxic waste site near Carter-Finley Stadium does not pose a major health threat, despite being on the Environmental Protection Agency's Superfund list, according to officials investigating the site.

The level of contamination is relatively low compared to what you read in the newspapers, marine, earth, and atsaid mospheric sciences professor Charles Welby, who has been studying the site since 1982.

Welby said the chemicals dumped on the site have de-cayed rapidly, and by the time they reached a distance 150 feet from the dump, their toxicity has decreased to what is consid-

ered normal background levels. There is no trace of the chemicals 200 feet from the dump, he said.

Welby said the EPA is looking into the chemical dump because "they (the EPA) are concerned that the dump is affecting life around the site

"I have found nothing in hazardous concentrations, but I wouldn't drink it," said Louis Jones, technical director of the university gas chromato-graphy-mass spectroscopy facility. He analyzes samples from the waste site for Welby. He said the EPA's concern is

easonable, but that he is not finding the chemicals in levels of concentration considered toxic.

We are using state-of-the-art instrumentation in determining the kinds of compounds and the approximate amounts present,'

Jones said. "The levels we are finding are not dangerous.

Bruce MacDonald, deputy director of Public Safety, working with the EPA on the waste site. "Right now, the site is on the national priority list," he said, referring to the Superfund. He said the university has to

follow EPA protocol on handling

toxic waste dumps.

with the EPA to tell them officially that State is doing the study of the site. He added that after the EPA

MacDonald is meeting July 2

officially allows State to investigate the dump, the university will have 60 days to turn in a report. "The university will cooper-

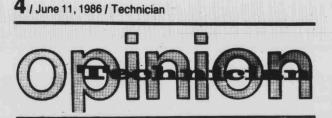
ate with the EPA as much as it can now," he said.





Alley

Technician Classifieds work!



Spangler steps out of line in vice-presidential hiring

In 1974 the University of North Carolina General Administration, as required by the federal government, adopted hiring guidelines in an effort to increase the number of women and minorities on staff.

On June 5, *The News* and Observer reported that C.D. Spangler, who replaced William Friday as president of the UNC system, ignored all affirmative action guidelines in hiring Jay Robinson as vice president of public affairs.

The General Administration's affirmative action guidelines are in no way imposing. They simply require that all openings be advertised, that records be kept on every applicant's race and sex, and that Richard Robinson, the UNC system's counsel, be consulted before anyone is hired. For the first time ever, none of these steps were followed.

The General Administration's hiring guidelines are not only important for enhancing equal opportunity, they are also basic good business practices.

Spangler is a public official. In an April meeting with student leaders, Spangler told the students, "you are my boss." With this in mind, Spangler should be careful to conduct all hirings in the open, subject to public scrutiny.

Robinson said the guidelines were ignored because the public affairs job requires very special skills and few would be qualified. Apparently, Spangler knew who he wanted for the job and went after him.

There is nothing wrong with actively pursuing the best person for the job, but this does not preclude following the hiring guidelines. In a fair and open hiring process, many good people would surface who might fit in somewhere else or be needed later. These people were never discovered in Spangler's "behind the scenes" moves.

Although Spangler most likely had nothing but good intentions, this incident illustrates perfectly the plight of persons who have been denied opportunities in the past. The saying, "It's not what you know but who you know," is unfortunately true and discriminates against minorities and women. Hiring guidelines of the type Spangler ignored are designed to reduce this kind of discrimination.

Spangler should learn from this mistake and conduct future personnel searches by the book.



Smokers infringe on rights

As a non-smoker, I am often offended by the inconsiderate and self-centered actions exhibited by the many people who do choose to smoke. I'll be the first to admit that it is their privilege to choose this path of destruction for themselves, but it is not their right to impose this decision on me or others who choose to protect their lungs from tar, nicotine, and — the ultimate — cancer.

Although I feel strongly about this matter, I often become timid while wondering if I am the only one who abhores those smelly, white clouds floating past. In the classroom, the professor puffs heavily on his cigarette while pacing vigorously back and forth under the bright red sign which reads "No Smoking" The custodians sneak into the public restrooms for a quick puff and discussion of the day's events. The cute couple next to me in the dining hall (in the corner, of course, where they won't be seen) light up for an after-dinner smoke. My roommate and three of his friends are watching Star Trek through a dense fog when I walk in. To top the day off, I



who immediately lights up while complimenting me on my newly fixed air conditioner.

Smoking! I'm still wondering if I am alone in my vendetta against those puffing beasts! After asking a few non-smoking friends what they thought about the situation, I began to feel better. Then I asked a few friends who smoke (but not my roommate, I know what he would say) what they think and I was alarmed. Smokers are infringing on their rights by asking them to refrain from smoking around us.

Which perception is right? Jokingly one friend asked, "Why don't you see what Miss Manners says? She's supposed to know everything, isn't she?" So at my wits' end, I decided to consult Miss Manners Guide to Excruciatingly Correct Behavior for my answer.

This is what I found:

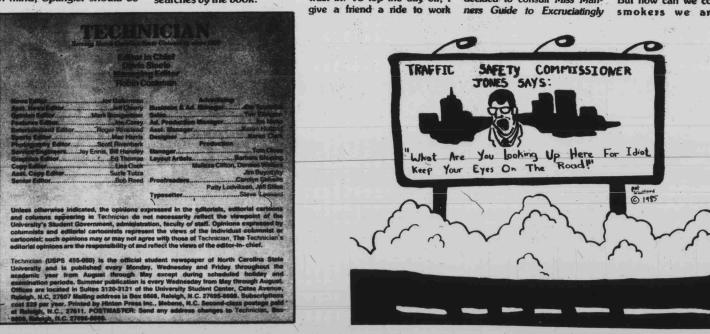
Dear Miss Manners:

As a smoker, I am constantly having run-ins with nonsmokers who want to tell me when and where I can smoke. Are there legitimate rules about this?

Gentle Reader:

YES! and they never should have been abandoned... Smoking should be confined to certain parlors to which smokers may retire from the sensible people and make their disgusting mess. One should not smoke at the table when others are still eating. If you wish to smoke in the presence of clean people, you must ask their permission and be prepared to accept their refusal to grant it.

Needless to say, I was ecstatic! What brilliant insight this woman has! Finally, my question has been answered. I am not alone in my quest for fresh air and a cloud-free atmosphere. Thank you, Miss Manners, for your comments. But how can we convince the smokers we are right?



Opinion Christian music deserves more airplay

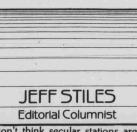
Contemporary Christian Music (CCM) blends modern pop music with spiritual lyrics. Its moral, positive message provides a fresh outlook on life and encouragement for listeners. CCM could soon receive attention on secular airwaves, giving listeners relief from the frequently depressing message that plagues much of today's secular music.

Amy Grant, a musician from Nashville, has undoubtably done more to gain secular exposure for CCM than any other Christian artist. And although she has stirred up controversy among those in the Christian community who call

orum

what she's doing "com promise with the world," she has truly been effective without compromise. A song from her Unguarded album, "Find a Way," entered the Top 40 last summer and contained a clear Christian message: "Our God, His Son not sparing, came to rescue you. Is there any circumstance He can't see you through?"

Russ Taff, another popular CCM artist, toured with Grant last summer. When he stopped in Raleigh for a concert three weeks ago during his Medals Tour, he explained to me his use of rock music to communicate the gospel message. "I



don't think secular stations are gonna' play 'The Old Rugged Cross'," he said. "But if I can write it in a new way, in an intriguing way, then they may listen." CCM definitely has the ca-

pability of capturing attention. Mylon LeFevre, a favorite among many CCM listeners,

recently dazzled a large crowd at the Asheville Civic Center with his set. One member of his audience, Olga Dockrey, traveled with friends almost two hours to attend the two-and-a-half hour concert, which she described as "great"

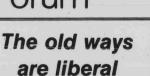
Not so great, however, is that most secular radio stations seem to ignore CCM, despite the recent competition CCM has given secular pop music. And many people can't understand the reason for the discrimination.

Granted, some secular rock stations now have a Christian rock program on Sunday mornings or afternoons, and I applaud their efforts. But it's high time for stations to give some CCM a try at regular rotation.

State's WKNC is doing it. Lance Rockford has performed an admirable service this summer working with the station's Christian rock program, "Resurrection Rock." Additionally, the feature album on a recent (secular) "Chainsaw Rock" program was *Rock for* the King, by CCM's Barren Cross.

Anyone who doubts the quality or message of CCM should listen to WKNC from 1 to 4 p.m. Sunday afternoon.

SAVE AN EXTRA DOLLAR WITH THIS AD AND YOUR STATE I.D.



I want to thank the Technician for publishing my letter last Wed-nesday (June 4). We are fortunate to have a student newspaper which presents a broad spectrum of opinion on our campus.

A word was inadvertently left out that might lead to some false assumptions by readers. I wrote "not one of the founding fathers was a born-again type Christian." The Technician printed that "not one was a born-again Christian or fundamentalist.

While both really say the same thing, many readers are going to think I said none of the founding fathers were Christian, and thus that I was off-base. Many were Christians of various types, and many were not. In my studies, I simply cannot find one of any prominence who was a born again type or fundamentalist.

Many of the founding fathers of this nation were Episcopalians or Presbyterians or members of other mainline denominations. (Patrick Henry made his famous "Give me liberty or give me death" speech in an Episcopal Church in Richmond, Virginia). But, the Episcopal and Presbyterian Churches, as well as other mainline churches, do not percieve "born-again" experiences of their memberships to be a pathway to God. They have also been traditionally more liberal in their approach to theology, with the Episcopal Church ordaining its first black priest in 1815 and now supporting the pro-choice abortion position.

By the ommision of my word "type," my issue has only been emphasized. Many persons in-correctly assume that theirs is the only true form of Christianity. And indeed many of the right-wing ultra-fundamentalists political

activists are trying to cram their particular type down everyone else's throat by law. That is exactly why many people had to leave Europe and come to this country. Different waves of different types of Christians left Europe for this country at different times as opposing Christians seized governmental power in various Euro-pean countries. Thus, our founding fathers knew what they were doing in setting up a separation of church and state in our own great nation. European persecution was too fresh in their minds.

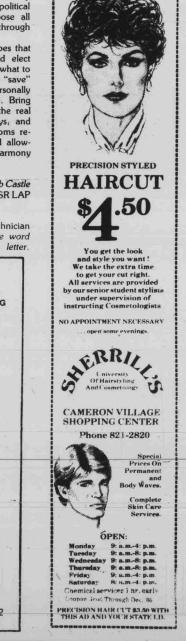
In America we have a great diversity among all the different types of churches called Christian, alone. We cannot legislate morality for them as a unit, much less impose our values on Jews, Buddhists, atheists, Moslems, Hindus, etc., who are also here. Methodists and other mainline churches ordain women; many Baptists do not believe in that. Episcopalians do not believe as a

church policy that being an upfront gay is sinful, but Methodists might. Some churches believe in dunking and some in sprinkling. But, only the ultra-fundamentalist political activists are trying to impose all their rigid belief set on all, through force of law.

Part of the mythology goes that we need to rush out and elect rigid-thinking leaders, somewhat to the right of Adolf Hitler, to "save America, no matter how personally immoral these leaders are. Bring back the old ways. But, the real old ways were liberal ways, and liberal traditions are freedoms recognizing our diversity and allowing us to live together in harmony and peace.

> Herb Castle SR LAP

regrets the omission of the word "type" from Castle's first lotter Editors' Note: Technician



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6 / June 11, 1986 / Technician Entertainment

An interview with Steve Taylor Christian rocker spreads 'new waves' of faith

Considered by many to be the most unique artist in Christian music today, Steve Taylor frequently uses humorous, satirical lyrics to deal with issues facing the church in America. His third and latest album, On the Fritz, released in 1985, was featured on WKNC's "Resurrection Rock" last fall.

Normally touring the West Coast and Europe, Taylor recently visited Charlotte for a concert. Tech writer Jeff Stiles obtained an exclusive interview after his show. The following is an excerpt from that interview.

TECHNICIAN: First of all, tell us a little about yourself. Did you come from a Christian home?

TAYLOR: Yes, my Dad is a Baptist minister in Denver. I became a Christian when I was real young. I grew up in a church and never actually went through a big period of rebellion or anything like that because my parents were fairly conservative, but they were also very consistent between what they said and the way they lived their lives, so they made a real good impression. I went to a Christian college

I went to a Christian college my first year, and I went away to Colorado and started working as a youth pastor while I was attending school in Colorado. I did that for five years and then I got a job — with a musical comedy group. TECHNICIAN: What sparked

TECHNICIAN: What sparked your interest in writing and performing music? TAYLOR: It kind of grew out of

TAYLOR: It kind of grew out of being a youth pastor. Subjects for a lot of the songs came from when I was working as a youth pastor. I realized around that time that this type of music was a dominant force in our generation's life. I really didn't realize it for myself, either, until it finally occured to me that I wasn't listening to politicians and I wouldn't trust sports figures or people like that, but I would tend to listen to musicians.

I also got influenced a lot by the New Wave movement that came over from England in the late '70s. I liked the way (New Wave) stripped the music back to rock-and-roll's roots. I liked the way (the artists) really had a passion and fire behind their words and wanted to say something in their songs.

I thought, "If I'm a Christian and I think I know the ultimate truth, why wouldn't I want to do those same kinds of things with my songs?" But yet, they (secular New Wave musicians) were graded off because they couldn't offer any hope, so I thought that, as a Christian, I can do

TECHNICIAN: How about your concerts? What segment of society are they aimed at attracting?

ing? TAYLOR:We're trying to do a concert where (a Christian) would feel comfortable bringing their friend. What we're trying to do is make a concert that is convicting and that would make sense to someone from outside the Christian faith – where they maybe wouldn't go with (Christian friends) to church or maybe not even to youth group, but they would go with them to this concert and not walk away feeling like they've been tricked into coming. I would hope that that person would leave with a better understanding of what Christianity is all about, and maybe an understanding that a lot of the images that people have today about Christianity are formed by what they perceive as "Christian TV preach-ers" and things like that. And not all those images are good. Hopefully we can break some of those stereotypes down. TECHNICIAN: What are some of the results you see from your ministry?

TAYLOR: What we shoot for is just affecting people, and the

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Photo by Clift Jones

Steve Taylor, influenced by the New Wave movement of the late '70s, often uses satirical lyrics to spread his Christian message.

best effect that we get is a combination of after the concerts (talking to people) and especially through the letters that we get. I brought probably 2,000 with me to answer on the tour. (In the letters) people say, "This song affected me this way," or "The concert did this," or "I brought my friend to this concert and after that they became a Christian" or "they started asking questions and now I've got them coming to church," or even real, real nitty-gritty stuff like suicidal people, people who just can't seem to follow Jesus in obedience or people who have gone through an abortion. So all that stuff is really good to know about and makes me know I'm getting through.

I was a youth pastor for five years and during that time I learned what I could do if I wanted people to come forward at the concerts or if I wanted to give an emotional altar call. I know that some people do it, and that's their decision. My feeling, after being a youth pastor, is that altar calls at concerts tend to be very emotional, and tend to use a rock-n-roll platform to get people to make some kind of a decision that they don't really mean. I want what we do to be a springboard for the relationships that happen. That's where the churches come in.

And that's one reason why I'm a big supporter of the church and that's why we do so many songs about the church, because I believe in it and I want it to be conformed to what Jesus had in mind for it.

TECHNICIAN: As you see it, what is the biggest problem with American Christian youth today?

TAYLOR: My feeling today is that American Christianity doesn't worship Jesus as much as it worships America and our values, and what's important to us and materialism. And that's one of the problems with having too much politics tied in with religion — we get this idea that God has somehow given America a special blessing apart from all other nations. I just don't buy that. I think it's true about Israel, but I don't think America necessarily has any special calling.

TECHNICIAN: How do American youth, in your opinion, contrast with British youth?

TAYLOR: British youth just have a harder life, so they don't accept things as easily as American youth would, particularly the Christian youth. We have made God into an American materialist, I think. Instead of letting Jesus transform us, we build our religion around what we think is important as Americans. In Britain, they think a lotdifferently — the economy-is harder, people tend to ask more questions and they've got their problems (unfriendly European nations) a lot closer. All of a sudden, all these things that you believe as Americans — in having a strong defense and stuff like that — they don't like that. And it's a little bit different for them, because instead of being like 5,000 miles away they're like a few hundred miles away from the Iron Curtain.

But I just tend to think that, in general, British tend to question things a lot more. And I think that's good, because for me God is the "author and finisher of our faith," and He is all-knowing, and there isn't a question that we can come up with that's going to be able to trip Him up, right? I think He would delight in answering our questions, when we really seek knowing what is truth.

June 11, 1986 / Technician 7 Features

State's power plant pushing 30

Joe Corey Features Editor

Despite controversy over Shearon Harris Nuclear Plant in New Hill, few residents know that nuclear reactors are not new to Wake County. State has had research reactors on campus since the late '50s.

State was the first university in America with a research reactor. Before that only the federal government ran them.

"Even though this is only a research reactor, we have to follow the same safety regula-tions as the industrial reactors. inspectors can visit us unannounced so we've always got to keep everything in or-der," T.C. Bray, reactor operations manager, said.

The research reactor at Burlington is not operating at a high enough level for a meltdown to occurr. However it must have evacuation plans in case of an accident.

'We don't have an evacuation plan in terms of a 5- and 10-mile radius like industrial plants. The site boundary for here one block. But we must notify city and county," Bray said.

State's Nuclear Engineering Department's current research reactor at Burlington Nuclear Laboratory has been in opera-tion since August of 1973.

This Pulstar Reactor uses 163 pounds of Uranium Dioxide enriched to four percent U-235 for the nuclear core.

The pellet-form Uranium Dioxide is contained in zirconium alloy tubes to produce one megawatt of energy.

The reactor is submerged in a 15,000 gallon, aluminum tank of purified water. The tank is surrounded by a high-density concrete biological shield. The Nuclear Engineering

Department is an outgrowth of

the physics department. The reactor itself is run by a permament operations staff of six and headed by Bray.



Bray said the reactor is a research reactor and is used for the dual purpose of research and training.

"State is a land grant college. That means that everything we do here must benefit the citizens of North Carolina," Bray said.

As a research and training facility, the reactor fulfills that requirement.

The reactor is used for Neutron Activation Analysis, radioisotopes and to train power plant operators. It is not used to generate electricity, Bray said.

Neutron activation (NAA) is where the sample being analyzed is placed near the reactor core so that the thermal neutrons can produce radioiso-topes — artificially radioactive matter — of the elements in the sample, Bray said.

While the substance is in the process of renewing itself to a neutral (ground) state, re-searchers examine the gamma rays emitted and make quantitative analyses of the sample.

NAA is used on filters used in Enviromental Protection Agency's air monitoring process to determine what substances are going through the at-mosphere across the state and the country. It is also used on the EPA's filters used in water supplies. The other university de-

partments use the reactor for the NAA process, along with hospitals and industry.

Research at the reactor is done mostly by graduate stu-dents and the faculty, with the control room serving as classroom for undergraduate students.

The control room is also the site of hands-on work for the Nuclear Power Reactor Operating Training program (NPROT).

The NPROT program trains power plant operators for Duke Power, and Carolina Power and Light.

This is done at night when we normally don't use the reactor for regular classes. Most of their (industry persons') training is off-campus," Bray said.

The nuclear engineering de-partment does have a continuing education program in the community. "During the summer the

school has short courses for high school teachers so they can bone up on the latest developments. Radioisotopes techniques for new employees at Research Triangle Institute are also given," Bray said.

The reactor uses the same process as industrial reactors, but at a much lower level.

While the Burlington reactor uses 163 pounds of uranium dioxide fuel, an industrial reactor will use several tons of fuel. The department has not yet.

dealt with the issue of old fuel.

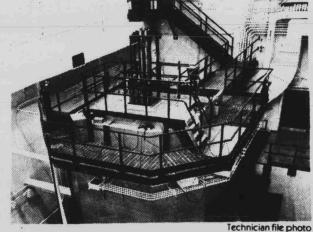
"We haven't had to change the fuel yet, and we don't expect to refuel soon," Bray said about the most recent reactor. "It was planned to be very efficient. We also only run it between 25 to 30 hours a week. But during training sessions, it can operate 24 hours a day.

Industrial plants normally run for 24 hours a day and end up refueling every eight months. Fuel must be replaced and uranium does not uniformly decay.

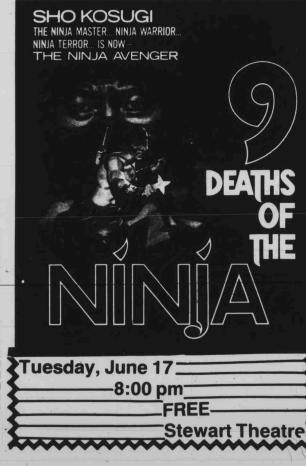
(see 'N-reactor,' page 8)



State was the first university in the country to have a nuclear reactor, built in the late 1950s



The Pulstar nuclear reactor in Burlington Laboratories has been in operation since 1973.



Car care service designed for student budgets

Eugene Gillespie Staff Writer

A new auto club is available to State and Meredith students.

Jim Hatcher of International Auto Care has designed the club with a college students budget in mind.

The annual \$30 fee entitles members to two free oil changes, at least a 10 percent discount on parts and labor, and a work sheet for the year of service for tax purposes.

110

Leave

forests

and parks

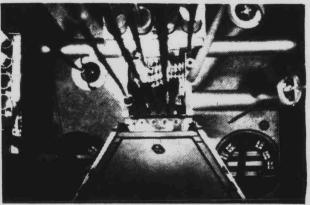
7

"I decided to create the club

servicers in the area," car Hatcher said. Annual enrollment is limited to 2,000 people.



because I feel that students-especially female students-do not receive fair treatment from **8** / June 11, 1986 / Technician Features



Technician file photo The core of the Pulstar reactor in Burlington Laboratories contains 163 pounds of uranium dioxide.

N-reactor still operating

(continued from page 7)

Where does the old fuel go in most industrial nuclear plants?

"The old fuel can be reprocessed. But a reprocessing technique hasn't been approved by the federal government. Many of the plants store the old fuel in the bottom of their reactors. When the day comes (that a government approved reprocessing technique exists), it will be sent to the reprocessing plant," Bray said.

The previous research reactor

went into operation in the early '70s, and was dismantled and disposed in a very careful manner, Bray said.

The main reactor core was deactivated and removed. The fuel was shipped to Savannah River in South Carolina.

The concrete and metal structure that surrounded the old reactor was broken up and put into barrels then shipped to a dumpsite in the state of Washington. Both dumpsites are run by the Department of Energy. A couple of years ago, UCLA closed their research nuclear reactor. Bray sees this a trend for other schools.

"Many universities probably just won't request nuclear licensing, more out of not seeing a need for it in their engineering schools than any other reason. The standards have changed," he said.

Bray said State shouldn't fall into this group because it has one of the most active programs of any university.

Japanese art displayed

Chuck Henkel Staff Writer

The UAB Art Committee and State's Japan Center are sponsoring "Eastern Eye," a Japanese graphic design exhibtion in the Student Center Gallery through June 30.

The 60 posters on display "represent the best in graphic design in Japan at the present time," said Charlotte Brown, Curator of Art for State. At a reception for the show

on Friday, Brown described the "non-national flavor" of the work. Apart from the indigenous subject matter, the artists" means of expression is similiar to that of graphic artists throughout the world, she said.

The exhibit, resulting from a 1984 exhibition and seminar at the University of Hawaii by the Japanese Graphic Designers Association, completes its nationwide tour with the State show.

A special exhibition of textiles from the collection of Harry and Irene Kelly complements the exhibit.

lements the exhibit. Harry Kelly, a former university provost, collected Japanese textiles while serving as chief science adviser to the Allied Army of Occupation of Japan from 1946 to 1950.

The Kellys presented the entire collection to State as a gift in 1985.

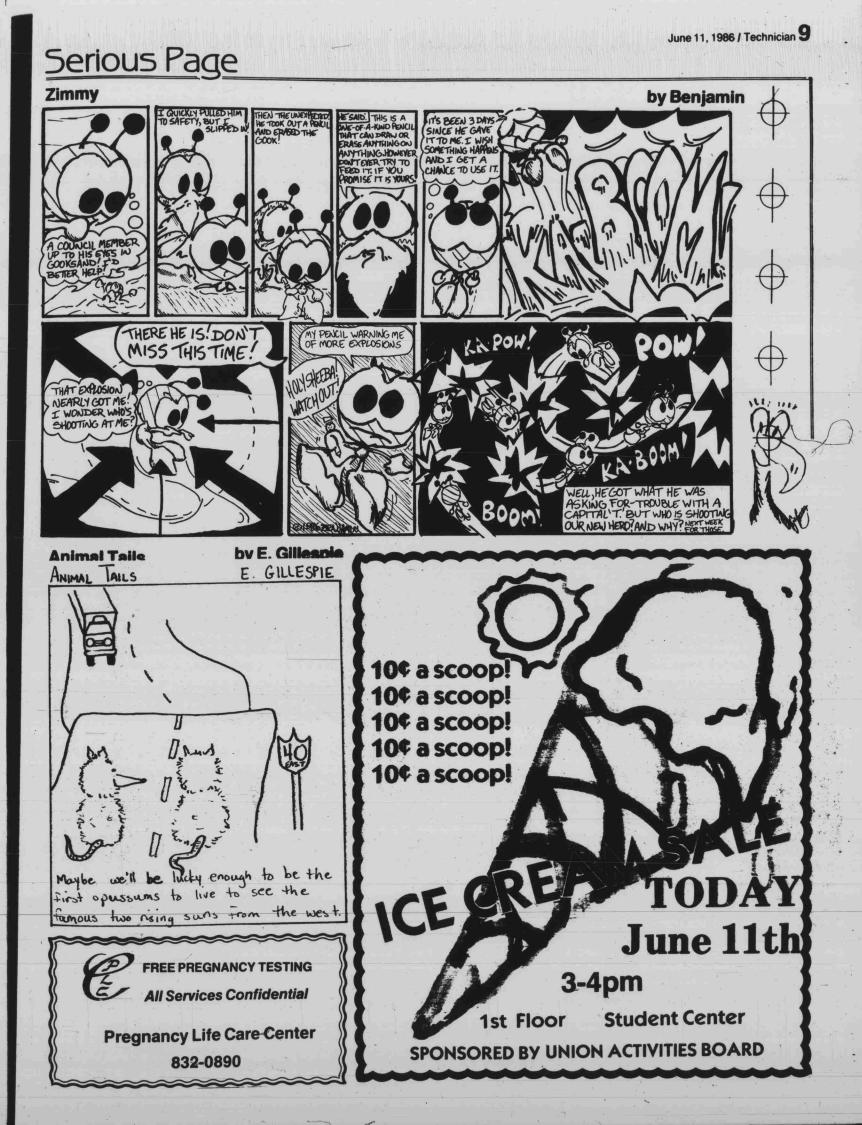


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Ivy Commons is convenient to the campus and on the Wolfline Route. The interior features all kitchen appliances plus a washer-dryer. Energy-efficient one- and twobedroom units are available.

Courtesy of the Department of the Curator of Art Ikko Tanaka's poster for Green Crusade-Earth Defensive Foundation is one of 60 on display by Japanese artists in the Student Center.





Sports Pressure to succeed

Questions behind Ormsby's suicide attempt not easy to answer

Sometimes the only thing to say is,"Why?"

10 / June 11, 1986 / Technician

That question is one most of us are asking this week after hearing standout distance runner Kathy Ormsby jumped off a bridge after leaving the Indiana University track last Wednesday during the 10,000 meters race at the NCAA women's track and field championship meet.

Though in fourth place and still in contention to win the 10k, a race she had set a collegiate record last month at the Penn Relays, apparently something about the way she was running wasn't exactly right to her.

Something clicked and she was off the track and over the bridge.

Friends say she was a perfectionist; she constantly pushed herself to be the absolute best. That's why, they think, she did it.

"Repeated bad performances at the nationals in the past has affected her very much," said a friend of hers, who asked not to be identified. "Every year she has qualified, something had happened to her: she's fallen, gotten a cramp or something. She's taken that really hard.

"It has also created a mental block. She is very much a perfectionist."

Doctors and neurosurgeons say that the best Ormsby will be able to do now is operate a wheelchair. They say the injuries she suffered by jumping off TIM PEELER Editorial Columnist

the 40-foot-high New York Street Bridge will paralyze her permanently from the waist down. She'll never walk, let alone run, again.

Yes, she jumped. She told State track coach Rollie Geiger, who found her below the bridge, she jumped. She had to have jumped, say Indiana campus police, who point to the four-foot-high fence surrounding the bridge. They say it was definitely an attempted suicide. But why?

How could this all-America girl, a dean's list student in pre-med who was candidate for academic all-America honors, think that the world had closed in around her so much that she wanted to willingly give up the life she had wanted to dedicate to being a medical missionary?

Some say it was the pressure. Most of it self-imposed pressure. Even though she had a collegiate record of 32 minutes, 36.2 seconds in the 10,000 meters, she felt pressure to keep it. improve it, need it.

She had tried to shrug off the suggestion that the race was a must-win.



"I don't want to think of it that way," she said before the team went to Indianapolis for the NCAAs. "I think it puts pressure on you that you don't need. I know what I've done in the past, so I'll just try to give it my best shot." But Geiger had an inkling of

what kind of pressure Ormsby would be under. He also knew the pressure Ormsby would put on herself.

"I don't want her to carry the burden of being a national record-holder," Geiger said in an interview before the Indiana trip. "I don't want her to do that. She will run the race to win, but the fact that she's a national record holder is something she doesn't need to carry with her."

Apparently she felt that pressure and it broke her. She was in the lead pack when she dropped out, still in position to win the fast-paced race. Stephanie Herbst of Wisconsin went on to break the record that Ormsby had set and treasured, completing the 6.2 mile-race in 32 minutes, 32.75 seconds.

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• ONE COUPON PER ORDER WE LIMIT OUR DELIVERY AREA FREE DELIVERY Though that broke the only collegiate record Ormsby had ever set, Ormsby still had quite a long list of achievements. She won three NCHSAA titles as a senior at Richmond County High School in Rockingham. She graduated at the top of her senior class, having never made anything but an A in any of her classes. Three times she was named the school's female athlete of the year.

She was the best runner North Carolina high schools had to offer. She signed a grant-inaid to join Geiger's nationally acclaimed program here in Raleigh.

Also an accomplished crosscountry runner, she was twotime all-ACC and twice selected as the women's outdoor track and field team's most valuable athlete.

She finished fourth in both the Atlantic Coast Conference and Region III cross country races to teammates Suzie Tuffey and Janet Smith and Clemson's Ute Jamrozy.

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in.

I don't understand suicide. Maybe none of us do. But I've tried to work this out of late with myself, my friends, my

God. An old high school buddy of mine, a mother of a 16-month-old little girl, took an overdose of pills about a month ago, about an hour after we'd had lunch together. I had left immediately after seeing her to return to Raleigh, a three-and-a-half hour drive. I did not find out about her attempt, which fortunately was unsuccessful, until the next day. I was helpless, except for a few long talks with God.

Her family has kept the whole thing a secret. She doesn't know I know. She's trapped in an up-and-mostly-down marriage. There is no way I can help without causing more problems for her. All I can do is ask "Why?"

Sunday, again on my way from home to Raleigh, I found out about another friend who had succeeded in her attempt to take her own life. I don't even know the details.

She lived in Finland. I met her last summer through the Scandinavian Methodist Church. She was a tiny, fair-skinned girl, always quiet in her contentment. Her strong faith was an inspiration not only to her friends and the youth in the Helsinki church which she attended, but also to the 14 Americans she led around that city and to whom she was a kind and gracious hostess.

I knew I would never see her again when I left a primitive camp in Finland where we said good-bye. We hugged each other and smiled. Nothing needed to be said.

I knew that would be the last time I would see her, but I never imagined that this beautiful girl, this kind girl, who had dedicated herself to helping others as a nurse, would willfully end her own life. May God bless her memory.

And may God bless Kathyrn Love Ormsby. She apparently wanted to end her own life also. She didn't succeed, but a jump off a bridge has left her permanently paralyzed, taking away one cherished talent that made her distinct.

But life is not over for her yet. Friends say that even without the ability to run, Ormsby is a special person, a worthwhile individual. She is returning to North Carolina soon — maybe today — to begin rehabilitation after two operations. Let's remember her.

I never met Kathy Ormsby. Sometimes those of us in sportswriting seem attracted to only those who play on national television, or those who might have a future in the professional ranks. I never even saw her run. Now I never will.



Sports Baseball draftees suffer under new policy

Bruce Winkworth Sports Columnist

Major League Baseball held its annual June draft of amateur free agents last week, and for the first time, the draft was held in secrecy by order of baseball commissioner Peter Ueberroth.

As of Monday this week, only the first round of the draft had been officially released. When the rest of the draft is released today, the order of the selections will still be a secret. The explanations given for this are dubious at best.

Major League Baseball teams draft both college and high school athletes. College baseball is hardly a big-time sport, with low scholarship allotment and little revenue production. Most top college players are no more familiar to the average fan than the names on the wanted posters in most post offices. Top high school

players and high school baseball programs are almost completely inconspicuous.

The real reason for the secret draft is simple - to keep the player ignorant of his standing and thus to eliminate any negotiating leverage he might have and discourage him from hiring an agent.

More importantly, the players selected in the baseball draft are not likely to surface in the majors for at least two or three years. Arkansas third baseman Jeff King, picked No. 1 by the Pittsburgh Pirates in the draft, is hardly a household name, and his chances of playing major league ball by 1983 are slim.

High school players take even longer to make it to the major leagues. On the average, a high schooler can expect to spend at least two or three years in Class-A ball before being promoted to the higher levels of the farm system.

With obscurity already the

hallmark of the draft, why the secrecy now?

According to Ueberroth, the draft is now held behind closed doors to prevent unscrupulous college recruiters (to some major league general managers that is a redundancy) from finding out who the top proare — and recruiting — before the big-league spects are them clubs have a chance to sign them

That, of course, is a crock. The top college coaches already know who the best high school players are, usually the summer prior to their sentor year, and often sign the players they want to scholarships well in advance of the draft. The college coaches who do not know who the top prospects are frequently run poor programs and have little or no chance of signing a good player.

Holding the draft in secret only keeps the better coaches on pins and needles for a week while the big-league clubs try to lure away their top recruits with signing bonuses. Once a college coach has worked to recruit a player, he should have the right to compete with the big leagues to keep that player. The major league clubs, with their signing bonuses, have an unfair advantage to begin with.

This is the only thing th. can explain why major league teams have refused to tell college juniors and seniors in which round they were drafted. If a player knows he went in the first five rounds, his signing bonus will be far greater than if he were picked in, say, the 11th or 12th round.

Minor league salaries begin at \$600 per month, and that is only for the duration of the baseball season. Once a minor league player earns a spot on the parent team's 40-man roster, his salary increases to \$10,000 per year. That's the most he can ever make while in the minors.

Signing bonuses are a dif-ferent story. In recent drafts, a

first-round pick can usually expect to receive a bonus in excess of \$100,000 when he signs. A second- to fourth-round pick can expect a bonus approaching \$50,000. The scale goes down slightly with each succeeding round. The draft is obviously where the big leagues shell out most of their money to minor leaguers.

With the draft held secretly and players ignorant of their standing, the big-league clubs figure to cut down signing bonuses significantly. They also stand to have the Major League Players Association file suit in court to abolish the draft as a restraint of trade.

The players associations in all three major sports have threatened this action in the past, and the major leagues seem to be daring the union to try it now. If this happens, and it is not unlikely that it will happen, do not be surprised if the players win and abolish the draft altogether.

released by Aces; Plesac enjoys success McQueen

Former Wolfpack hoopster Cozell McQueen, trying to catch on with the USBL's Wildwood, N.J., Aces, was released along with three other players last

Saturday. The 6-11 Bennetsville, S.C., center distinguished himself on '83 national championship team with strong defensive play and rebounding.

Never much of a scorer himself, McQueen com-plemented high-scoring power forward Lorenzo Charles during their last two seasons, helping the Pack to share the ACC regular-season title in 1985 with Carolina and Georgia Tech.

McQueen was released by the Aces to trim its roster to just 10 players, the maximum allowed in the USBL. Also released were guard Steve Black and forwards Albert Butts and Stan Williams. All three played at LaSalle

Associate athletic director Frank Weedon unveiled plans Thursday for a new baseball and soccer complex to be built on land adjacent to Carter-Finley Stadium

Wolfpack Notes

In addition to Wolfpack soccer and baseball, the complex may also be used for local and possibly, the state high school soccer championships. The baseball stadium will

have 6,000 permanent seats, expandable by mobile bleachers to up to 10,000.

The soccer field will be connected to the baseball field by a joint press-box and will also seat 6.000.

The estimated \$3-4 million for construction will come from the city of Raleigh and a fund raising effort aided by State's Wolfpack Club.

23 acres northwest of Carter-Finley, on land worth approximately \$1 million.

hopes to lure upon the completion of the new facility.

If you tuned in the Boston-

Sunday Afternoon Baseball after the Celtics win, you would have seen former Pack standout pitcher Dan Plesac pick up his fourth save of the year, in as tough a situation as they come.

With the bags full of Sox, Milwaukee's no. 37 jogged in from the bullpen to face Bill Buckner. Used mostly as a spot starter and middle releiver, Plesac was unusually cool for a rookie in a tight spot.

Throwing curveballs for the first four pitches, Plesac ran the count full with a fastball in the dirt, then calmed and got the

veteran Buckner to fly lazily to center with a fastball at the knees on the outside corner. That lazy fly-out earned him his

fourth save and gave the Brewers a three-games-out-offour series win against the visiting AL East-leading Bosox.



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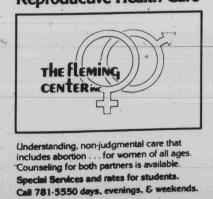
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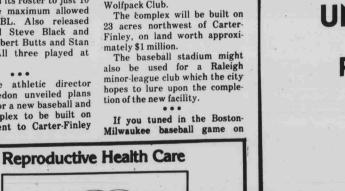
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12 / June 11, 1986 / Technician Classifieds

Technician regrets any deletions or misprints of classified ads that has occured during the last three weeks. This was caused by a major computer malfunction which has now been corrected. Additional run times will be added to deleted or misprinted ads' to make sure they run correct for the paid number of times. We regret any inconvenience.

Classified ads cost 30¢ per word with a minimum of \$3.00. Deadline for ads is 4:00 pm two days before your ad is to appear. Bring the ad by 3134 University Student Center. All ads must be prepaid.

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ATTN: GAY AND LESBIAN STUDENTS. The new Gay and Lesbian Association (G.A.L.A.) will be meeting soon. For time and place write: NCSU G.A.L.A., Box 33652, Raleigh, NC 27606 or call 919-828-5663

Bible discussion and meal for International Students in local home. Sponsor:IVCF. Everyone welcome. Meet in Student Center, Fridays, 6:00. For more info, call Dr. Rawson, 851-8813.

If you like to backpack, canoe, rockclimb, kayak, etc. then come to the Outing Club. Beginner oriented and everyone is welcome. Meetings are every Wednesday night, 7pm in the Student Center Brown Room.

JOIN NOW! The JUDO CLUB organizational meeting and workout Thursday, June 5 in room 1206 of Carmichael Gym. Time yet to be determined. Beginners WELCOME! For more information, call Ron at 772-1553.

Tutors, readers, van drivers needed for Handicapped Student Services-summer and/or fall. Contact 200 Harris Hall. 737-7653.

WANTED: WARM BODIES. If you've got one bring it down to the NCSU Judo Club Thurs., at 5:00, Room 1206, Carmichael Gym. For more details, call 772-1553.

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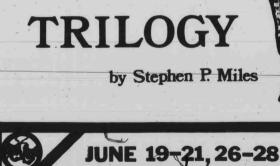
by Stephen P. Miles

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