Blackout cripples campus and paralyzes the presses

A major power failure prohibited Wednesday's Mustang Daily from reaching the stands.

The first electrical breakdown occurred at 1:18 p.m. when engineers tried to circumvent what appeared to be a minor malfunction in a distribution panel.

Upon switching the 4,180 volt current into operation again, the malfunctions were rewarded with what Chief Engineer Arthur Young called "a blast like a 100mm howitzer going off. This ground even shook."

The explosion confirmed major damage in the system and left the campus in total darkness, with walkie-talkies and numerous state vehicles and personnel

Investigation of the electrical system revealed a faulted breaker switch, but more important was the discovery of a deficient aluminum bus bar, badly warped by the voltage and intensity of electric current loaded onto it due to a short in the system.

Before repair operations could begin a PG&E technician in a flame-proof suit had to manually disconnect the switch unit controlling over half the power on campus. Assistants stood by with gloves to pull him off in case the unit arced and sapped him with all 4,180 volts.

Campus engineers feared that power might not be restored to all areas of the campus for three days or a week, but PG&E District supervisor James R. Hall had another plan, running the entire campus off of the other 4,180 volt transformer.

Lights, ventilation, and cooling systems were shut down in the University Union, the administration building and where ever else the electrical demand was reduced. The PG&E men figured that the transformer could operate at 150 per cent capacity if it was cooled by a sprinkler as top.

"Well, we run the same transformers at 80 per cent capacity for short periods;" Hall said.

At 5:30 p.m. all power on campus was eliminated and engineers would eventually arrange the tie-over to one transformer. Limited electrical service returned to campus at 8:15.

The bus bar which malfunctioned was reported as the cause of the breakdown, according to Engineer Young.

Sometimes it takes a power breakdown to demonstrate the cooperative power which can exist in a community.

KERC's General Manager Steve Rosenberg would like to agree. Rosenberg and a crew of about 13 married to the university broadcasting team found that other electricity can be of great use during times of need. The station's transmitter tower, the production room, and the emergency broadcast room of KERC during Sunday's power black-out are still on.

"We need our 'radio tower' for the top of the hill where the transmission tower is located. We're running it all dark when we decided to move to the KVEC station because of the rain forecast." Rosenberg said.

"All in all KERC overcame the crisis and the foresight of 2 to 8 hours off the air rather smoothly thanks to the telephone company and Rosenberg. Bob Brown, the general manager of KVEC, and the joint efforts of the staff."

As the saying goes, "the show must go on." It did.

Working together to stay on the air

BY BMC NOLAND

Printing major Paul Nelson hands over his book to one of the students at the hidden back of the "interior" of the library.

Photo by DAVE SIDDIMULLER

Noise or noshes: a choice of study

BY ERIC HULTZ

One of the major problems that has personally plagued students has been that of finding an environment conducive to study. It may be needed for no more than a few hours during any given week, but is essential for these moments of chapter reading and note-taking.

One would think that a designer somewhere in the world of plastics would come up with an expensive and complex solution to this modern-day problem but many students on this campus have found their own solution to the study area problem and it is one that would appease more suited to students in European universities 50 years ago.

That close-topical environment for the present day college is one that combines himself into these school with cold, gray walls and a few books. The atmosphere is a musty one, and a small lamp above the student's

But all is well, except for the consistent click of a page. The situation has hardly improved with the purchase of the college library, much more and more of

Photo by DAVE SIDDIMULLER

New bus system to roll in March

BY PETER H. BARTIN

Bidding will open on March 1st for the purchase of an emergency flood lamp. Known to be $175.

Fritz Weaver and Red Wood.

Department here.

"We considered disk-side and disk-ended systems but decided that the necessary administrative work involved would be beyond our staffs capability," said John Jones.

Jones is currently optimistic about the plans.

"We hope to serve everyone. Buses will be hired by city medical and commercial centers and the university. The system should even alleviate the campus parking problems."

All Press, John Bailey, also a committee member, has been encouraging the system for some time.

Eventually, the system will be too small to make a real impact on our own problems but it's the only improvement I can see."

The committee was introduced to introducing the concept of mass transit to the city council, and it's also working towards the necessity of the various factions in the community being met.

The committee includes representatives from the city's major citizens' organization, planning commission, business community, and various organizations for low-income families and two transportation planning experts.

Design contest awards $20

The Association for Computer Machinery is seeking a design for the Computer Science Department and is sponsoring a design contest through December 15.

The contest is open to anyone, and the prize for the winning design is $20. Designs should be submitted in small scale and designs to Computer Science $20.
Latest releases reviewed

By BLAIR KELLENG

Neil Young "Time Fades Away" (Reprise M-3511)—This first new effort since "Harvest" more than 13 months ago allows us to view Young from the live, in-concert perspective and shows most clearly his strengths and weaknesses as a writer and performer.

The lyrics here range from lonely loneliness (as in "Don't be Denied") to trite simplicity ("The Bridges"). The performances, recorded throughout the country, are mostly above average but the Gray Guitars and Crazy Horse remain Young's best bands. An uneven work, but hardcore Young enthusiasts will probably find it rewarding anyway. Another album is due before the end of the year.

The Steve Miller Band "The Joker" (Capitol SMAS 1359)—Another hit of Miller such class as "Here Come the Album is a double delight—artistic and music. The album's shape as a writer and performer."

Traffic "On the Road" (Island SMAS 1220)—Recorded on tour in Germany, this set is proof (as was "Shootout at the Fantasy Factory") that Traffic has been spinning its wheels for a good four years. Only four songs are included, and although these live rehearsals of such showstoppers as "The Low Spark of High-Heeled Boys" are light and well done, the lack of experimentation or dynamics doesn't even earn optimal interest.

Zero Population Growth meeting

The Ban Los Angeles chapter of ZERO Population Growth will hold its first meeting of the year tonight at 7:30 p.m.

Dr. Joseph Boone, physics professor at this university, will chair the meeting. The agenda will include the election of new officers and a discussion of local projects.

One of the focal projects sponsored by ZPG is a movable display. According to Mrs. Boone Walker, the display will rotate to various environments so that problems and the impact that population has on these problems. Tonight's meeting will be at the Walker's residence at 391 Christmas Way.

Problems of star subject of book

by P.W. KERRIGAN

On the morning of November 15, 1979, Thomas Lance Rentzel, professional football player, was arrested in Dallas, Texas for insurgency to himself to a two-year-old girl.

This is the second such arrest for the golden-haired playboy. In 1980, he was arrested in Minnesota for rebellion for exhibition, but he got off easily on a lesser charge. Dallas was a different story. In Texas, exposure to a female under the age of sixteen is a felony punishable by up to fifteen years in the penitentiary.

This is the cradle Rentzel was born in the opening chapter of RENTZEL, the LAUGHTER DIED IN BOSTON, his compelling autobiography of personal tragedy and triumph. It is an incredible story of sorrow and joy spliced together with a string of bitter-sweet humor.

Rentzel, who writes with a skilled degree of poise and lucidity, casts a probing light on the past, a multi-dimensional life that promised everything. From an early childhood as a "straight-a" student, to the burgeoning athletic prowess at Oklahoma University, to his emergence in the NFL, Rentzel tells of his life after the second arrest candidly and without reservation. Dallas is a heavy strain of sorrow when he recounts the suffering that his parents and his beautiful show-business wife, Joey Heatherton, had to endure when news of his arrest went public.

He tells of the many fans and players who supported him through the crisis that threatened his career and of the many friends who tried to make him forget his mistakes.

(continued on page 1)

Musician's hour in Little Theater

An entertaining hour of chamber music Department of this university will be performed at 8 p.m. in the campus Little Theater.

The concert, part of the University Hour Concert series, will feature performances by faculty and students, as well as musicians from the San Luis Obispo area.

Clifton Swanson, member of the music faculty here and also conductor of the campus music faculty, will preside; and the concert will be an enjoyable one, presenting both vocal and instrumental numbers.

Marcello's "Sonata in G Major" will be performed by Benson on the double bass, and Carol Russell on the harpsichord. Russell is the wife of John Russell, conductor of the Cal Poly Chamber Singers and University Singers.

The talents of pianist Barbara Hoff, a graduate of UCLA and violinist, Virginia Wright, of the university music faculty, will combine for Hindemith's "Sonata for Clarinet."

A scene from Mozart's opera, "Don Giovanni," will be sung by Michael Delagrave and Christopher Hungerland, with the accompaniment of Kathleen Conly on the piano. Cellists Delagrave and Hungerland are also students here.

John Hoyt and pianist Staff will perform the concert finale, "Ravel's "Pavane" for a Dead Princess." Of 38 for violoncello and piano, Hoyt, the celloist, is a graduate student and a member of the university's Chamber Orchestra.

Admission for the concert is free and the public is invited.
ENGLISH TRIALS!

Photos and text by DAVID FENWICK

"That's impossible," muttered a disbeliever in the crowd, "not even my horse could climb that rock. In fact, I might not be able to climb it on foot!"

So U.S. English Trials champion Lana Leavitt amazed spectators Sunday in an exhibition ride that concluded this year's English Trials event held near the old Highway 1 entrance to campus and sponsored by the Cal Poly Penguins. English Trials is a motorcycle sport involving slow-speed maneuvers over a course consisting of rough terrain. And this year's course, manned by members of the campus motorcycle club proved to be a challenge for all competitors.

Club vice-president Tim Andrews was in charge of the well-organized event and, with advice from Lana Leavitt, he laid out a course consisting of eleven separate sections, or "traps."

Rocky Trap Ten proved to be the most difficult with only a very few riders clearing the section without touching their feet on the ground.

The promoters, the riders, and the large crowd of spectators all agreed that this annual club fund raiser was the best English Trials ever held at Cal Poly.
Finally, there is a well-known yet under-utilized way of producing electricity. Our old friend the battery. Imagine, one million automobiles on our highways having batteries, why not the same (on a larger scale) in our powerplants? Why not power companies try and sell us out of mine! And nuclear energy; suppose we're living on atoms?

To figure out how long we can survive on fossil fuels, we need to know the rate at which we are using our fuels, and the total reserves available in the earth. The first is accurately known—the energy equivalent of 5.4 X 10^21 joules. One low estimate of reserves was given at 950 X 10^21 joules; however, simple division tells us that known and potential reserves will last us over 100 years! Once we, companies, no more baloney, Truth.

Leonard Edmonds

Rear-ended auto driver sought

Editor: Would the driver of the car that was hit from behind by a Volkswagen on Nov. 8 at 1 a.m. get in touch with me? The accident occurred on Grand, just past the light on Yoaemle. If there are students who think of matter k rather urgent. Call M for Ross Jewelers.

Walter Gresham and Dick Rosenblum are both Cal Poly grads with teaching credentials in auto shop. They specialize in servicing all American and most of their classes and workshops for the do-it-yourselfer.

Editor: I would sincerely like to know what the "energy crisis" is. Just who do the electric companies think they're fooling? As college-educated youth, why don't we speak up about the foolishness of this situation? If we don't, we don't have a right to complain when that desk lamp flickers.

First, there is no "oil shortage." Recent oil figures show that there are massive petroleum stores in Montana, Idaho, and even here in California. These reserves (as yet untapped) could supply the County of San Luis Obispo with oil and electricity for 40 years! This, in addition to new discoveries of oil and gasoline offshore, all but washes out the shaky claims of depleted resources.

Second, coal and oil aren't the only efficient fuels. In fact, there is one suitable fuel that has yet been entirely overlooked—timber. Fifty years ago, nearly all the heat in this country came from burning wood. In step with the times, wood could be fed into furnaces driving power turbines. One-tenth of the United States is forest land. If we timbered this land, we could use the wood for fuel, and the land could be put to better use, instead of being wasted.

Third, there are ways of producing electricity other than burning fuel. Have the electric companies forgotten about generators? With present technology, generators could be built that would supply half the country with juice.

Energy crisis? 'Baloney!'
Rentzel reviewed...

The brief glimpses of humor cannot mask the overwhelming theme of **WHEN ALL THE LAUGHTER DIED** in BORROW. Rentzel wields the printed word like a scalpel as he slices away the fatted isos toads that surrounds the myth of the All-American boy. He tells of the pressure and pain that those in the public limelight must endure, as well as the numbing agony of self-analysis that comes from a psychological affliction. **WHEN ALL THE LAUGHTER DIED** in BORROW is not a chronicle of courage born on the gridiron. It is the story of the greater bravery required upon taring that most forbidding of arenas known as the human mind.

The student has found a Renaissance solution to a modern-day problem.
Fall enrollment increases

The School of Engineering and Technology suffered the only decline in enrollment. It slipped from 2,142 in 1976 to 2,112 this fall, Dolcigan said.

Not only has the enrollment increased in many of the schools, but the number of undergraduates has also risen. The number of freshmen increased from 1,389 in 1976 to 1,329 this fall.

Transfer students increased from 1,864 in 1976 to 1,904.

The average units per student, according to the report, are 14.82.

The number of foreign students decreased this fall. Foreign students dropped from 174 to 134. Of the 134 students, 133 are in graduate school.

This is the first quarter that a fairly complete record has been compiled of ethnic group enrollment. American Indians total 189; blacks, 460; Chinese, 428; and Latin Americans, 116.

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Craftv Creation Coming

Our latest upcoming event right now is the Christmas Celebration Sale, which will be held on November 30 and December 1. We encourage all artists and craftsmen to enter any work they’ve done, or are in the process of completing. A broader spectrum of artwork will most likely attract more people, so anyone with anything to contribute should by all means do so. This also will provide an opportunity for people to buy some unique gifts. An important reminder to those who plan on entering their projects: do not delay in signing up before it’s too late. Forms and more details are found in the Craft Center.

Our next workshop appeals to those who want to make distinctive Christmas cards. The technique to be used is silkscreening. Be creative this Christmas by designing your own cards. No definite date has been set yet, but we’ll keep you posted. Drop by the Center for more information.

For anyone in need of new clay, we’ve just received a giant shipment. So be sure and buy some ($1.00) while the supply lasts.

Once again—remember, artists, to sign up as quickly as possible for Celebration. I have someone interested in new and creative artwork, come in and browse; you may find just what you’ve been looking for!

The Mind of J. Kappen

On display now until November the 8th, in the University Union Art Gallery, is the work of J. Larry Kappen. Born In Inglewood, California, he is presently an active artist and instructor in Southern California. He is working towards a master’s degree in art from the California State University at Long Beach.

In much of Mr. Kappen’s work, one can see where the flowing contours of the human form have been combined with the elements in landscape such as horizons and stratum. An example of this can be found in the artist’s use of horizontal bands within his compositions.

“I feel that land forms and human forms share many similarities. I study and draw them separately, emphasizing their individual characteristic, then combine them into harmonious compositions. This merging of separate forms seems a natural direction of thought. I have found that when combined, they share too many common characteristics to be considered unique in themselves.”

ELVIN BISHOP AND THE E.L.O.

The Climax Blues Band are unable to perform here this Saturday evening. However, there will still be an evening of good vibes from the sounds of The Elvin Bishop Band and the Electric Light Orchestra. Elvin Bishop generates a contagious amount of energy and enthusiasm to their audience, which is impossible to ignore. It is obvious from those who listen and from the responses that they receive that they work hard.

The band, led by Elvin Bishop, was the lead guitarist with the Paul Butterfield Blues Band for four years. Steve Miller, one of today’s top organists, has been with Bishop since the inception of the group. Miller wrote the group’s theme song, “Party Till the Crown Comes Home,” and has released a solo album entitled “Steve Miller.” He was also the leader of “Eun County” prior to teaming up with Bishop.

The other members of the band include Bill Medehe on drums, Ross Hayekida on vocals, Mike Lardhield on bass, and Rick Kelling on harp and vocal arranging.

The enthusiasm with which they approach their music has never faltered. They boogie as the audience dances, slaps along, and cheers as everyone has a great time. Tickets are on sale at the University Union Information Desk, Brown’s Music, Avatar Music, Barrow West, and King and Queen Stores. Student prices are $3.50 and public goes for $4.00. The show will begin this Saturday evening at 8 p.m. in the Men’s Gym and is another presentation of the A.S.I. Concert Committee.

bowling

Where: U.U. Games Area Bowling Lanes

1-3 $1

4 Games

Questions? Contact U.U. Games Area Desk
The keys to being a success in professional basketball are, “desire, intensity and dedication” said Bill Bertka, director of player personnel, for the Los Angeles Lakers as he spoke here Tuesday.

Bertka, addressing the student chapter of the California Association for Health, Physical Education and Recreation (CAHPER) spoke of his background in basketball coaching at Allan Hancock College and Kent State. Currently, Bertka is the Lakers’ chief scout and operates a national wide collegiate scouting agency in Santa Barbara.

His job at least soon for the Lakers consists of scouting and compiling a film on each team in the National Basketball Association (NBA) before the season begins. During the season, Bertka is busy attending college basketball games and compiling records on individual players throughout their college careers.

As director of player personnel, Bertka plays a major role in drafting college seniors and trade negotiations between other NBA teams.

Speaking of this year’s Lakers team Bertka said, “this is a year of change. With the loss of Wilt Chamberlain, Keith Ervinson and Jon McGinnis the Lakers have had to make a lot of adjustments.”

“Last year’s Lakers team was experienced and worked well together as a collective unit and played good team basketball,” said Bertka. “It’s just a matter of time before the Lakers’ new personnel learns the offensive patterns and begins playing as a team and not five individuals.”

The Lakers scout expressed high praise for new Lakers acquisitions, center Elmore Smith and forward Connie Hawkins.

“Smith is possibly the quickest big man in the NBA and Hawkins is one of the finest all around basketball talents to ever play the game,” he said.

Bertka singled out guard Pat Riley as the epitome of a professional basketball player. "Riley isn’t the most talented player to ever play basketball, but his hard work, desire and attitude have made him a complete player and invaluable to the Lakers.”

A film of Lakers highlights concluded the talk, followed by the introduction of this university’s basketball coaching staff and team. Head coach Ernie Bremmar described their team as, “the biggest and youngest squad in recent history.”

Wheeler described Miss team as, “the quickest big man in the NBA and Hawkins is one of the finest all around basketball talents to ever play the game,” he said.

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