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 11:15 a.m. when engineers tried to circumvent what appeared to be a minor malfunction in a distribution panel.

Upon switching the 1,418 volt current into operation again, the power was rewarded with what Chief Engineer Arthur Young called "...a black-out like a 100mm howitzer going off..." The ground even shook.

The explosion confirmed major damage in the system had already taken place. With that campus maintenance operations were mobilized, co-ordinated with walkie-talkies and numerous state vehicles and personnel.

Investigation of the electrical system revealed a faulty breaker, but more important was the discovery of a deficient aluminum bus bar, badly warped by the volume intensity of the electricity 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. Assistance stood by with prior notice to pull him off in case the unit arced and eapped him with all 1,418 volts.

Campus engineers feared that power might not be restored to affected areas of the campus for three days to a week, but PG&E District supervisor James R. Hall had another plan, running the entire campus off of the other 1,418 volt transformer.

Lighting, ventilation, and cooling systems were shut down in the University Union, the administration building and where ever else the electrical demand required it. The PG&E man figured that the transformer could operate at 140 per cent capacity if it was cooled by a sprinkler on top.

"...we run the state transformer at 100 per cent capacity for short term periods," Hall said.

At 1:30 p.m. all power on campus was eliminated so engineers could manually arrange the tie-over to the transformer. Limited electrical service returned to campus at 5:30 p.m.

The bar bell which malfunctioned on Monday morning was returned to the weekend, according to Engineer Young.

Sometimes it takes a power shutdown before the cooperative power which can exist in a community.

KVEC General Manager Steve Kangas said he would like to see Rancho and a crew of about 13 members of the university broadcasting team found that either service can be of great benefit during times of need. The station in on a university tower, the production room and the emergency broadcast room of KVEC during Tuesday's power black-out as well.

KANGAS said that it took a cooperative effort of both the Pacific Telephone Company and KVEC crews to remain on the air during the power failure.

"The telephone company switched our main line to the KVEC station's emergency line," Kangas said. "It was beautiful..." Then, KCPN remained on the air, avoiding the danger of another failure during broadcasting hours.

KCPN's 6 p.m. news, which was postponed until 5 p.m., was broadcast from the production room of KVEC then placing the KCPN crew in four different locations during the course of the evening.

We pedal our 'runaway' tower to the top of the hill where the transmission tower is located. It's illuminated until after dark when we decided to move to the KVEC station because of the rain forecast," Kangas said. "All in all KCPN overcame the crisis and the forecast of 1 to 4 hours off the air rather smoothly thanks to the telephone company, Bob Brown, the general manager of KVEC, and the joint efforts of the staff," Kangas said. "I don't think we could have found cooperation like that anywhere else." As the saying goes, "The show must go on." It did.

New bus system to roll in March

Bidding will open with two months for a one year contract on a city mass transit system designed to serve campus and community residents.

According to city Assistant Administrative Officer Dave Williams, the bids will probably be opened by January 1974. He anticipates service will commence in late March 1974.

Plans for the fixed-route bus system were formulated by the San Luis Obispo Mass Transportation Committee, according to Dr. Andrew Jones, committee member and faculty member of the Transportation Engineering Department here.

"We considered site-of-use and site-of-use systems, but decided that the necessary administrative work involved would be beyond our staff's capability," said JONES. Jones is cautiously optimistic about the plans.

"We hope to serve everyone. Buses will travel by city medical and commercial centers and the university. The university could even alleviate the campus parking problem."

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

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

The committee was instrumental in introducing the concept of mass transit to the city council, and it's also working closely that the needs of the various factions in the community are being met."

The committee includes representatives from the city's senior citizens' organization, planning commission, business association, much for low-income families, and two transportation planning experts.

Working together to stay on the air

Student employees in the candlehill Ell for months by the illumination of an emergency flood lamp. Known are (l-r) Fritz Wexer and RED WOOD.

Noise or nooks: a choice of study

BY SRC VOLAND

One of the major problems that has plagued students here is the availability of study facilities. Some have found their own solution to the study problem and it is one that would appear more suited to students in European universities 50 years ago.

That close-to-ideal environment for the present day college is one that surrounds him on all sides with cold, comforting, gray walls and on all sides of the bookcase. The atmosphere is a dusty one, and a small light illuminates the shelves above the student's head.

But all is quiet, except for the occasional flip of a page. The student has buried himself away from the daily world and is one that would appear more suited to students in European universities 50 years ago.

The atmosphere is a dusty one, and a small light illuminates the shelves above the student's head.

It is one that would appear more suited to students in European universities 50 years ago.
Latest releases reviewed

By BLAIR KELLENO

Neil Young "Time Fades Away" (Reprise RS 8511)—This first new effort since "Harvest" more than 10 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 consciousness (as in "Don't Be Denied") to trite simplicity ("The Bridges"). The performances, recorded throughout the country, are mostly above average but the Stray Gators 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 1398)—Miller's latest release is a double delight—"Here Comes the Album" is a double delight—as relief from the old material and as evidence that Miller has matured, which he reminds us of on "Dance of the Chipmunks," a completely new title song.

His current group consists of four talented members, and his own lead guitar fully matches during several numbers. Since he's also being re-hailed as a concert attraction, perhaps Steve Miller can regain his place as a viable contender in the rock arena.

Traffic "On the Road" (Island SMAS 998)—Recorded on tour in Germany, this set is proof (as was "Shootout at the Fantasy Factory") that Traffic has been updating its wheels for a good four years. Only four songs are included, and although these live reworkings of such showstoppers as "The Love Spoken of High-Heeled Boys" are light and well done, the lack of experimentation or dynamics doesn't even reward interesting.

Zero Population Growth meeting

Tonight at 7:30 p.m. the campus Little Theater, the University Music Department will be performing "The Talanta of Praise" as part of the Zero Population Growth meeting. The concert, part of the University Hour Concert series, will feature performances by faculty and students, as well as music from the San Luis Obispo area.

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

Marcella's "Sonata in G Major" will be performed by Swanson 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 Hindemuth's "Sonata for Clarinet."

A scene from Mozart's opera, "Don Giovanni," will be sung by Michelle Delagrange and Christopher Hungerford, with the accompaniment of Kathleen Conly on the piano. Cecily Delagrange and Hungerford are alumni here.

John Hoyt and pianist Eddy White will perform the concert finale, Keith Christensen's "Come Sunday," Op. 38 for violin and piano. Hoyt, the cellist, is a graduate student and a member of the university's Chamber Orchestra.

Admission for the concert is free and the public is invited.
Ms. Head in the trees, Brad Caman believes that the best way up this trap is flat out in sixth gear.

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 Lara Leavitt amased 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 Lara 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.
Energy crisis?—'baloney'!

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.

Finally, there is a well-known yet little-used way of producing electricity: our old friend the battery. 100 million soups on our highways have batteries, why not the same (on a larger scale) in our powerplants? If the power companies try and tell us we're out of coal! And further, why suppose we're low 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 5.8 X 10^18 is to the nineteenth kind-year. Our best estimate of reserves was given at 200 X 10^18 in the sixteenth kind-year. Simple division tells us that known and potential reserves will last us over 100 years! Come on, companies, no more baloney. Truth.

Lester Edmonds

Rear-ended auto driver sought

Editor:

Would the driver of the car that was hit from behind by a Volkswagen on Nov. 11 at 5:30 a.m. get in touch with me? The accident occurred on Grand, just past the light on Yoaemille. Students who think of matter as rather urgent. Call me for more information about their classes and workshops for the day-in-yourself.

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Rentzel reviewed...

The brief glimpses of humor currently mask the overwhelming theme of *WHEN ALL THE LAUGHTER DIED* to sorrow. Rentzel wields the printed word like a scalpel as he slices away the fatted toads that surround the myth of the All-American boy. His tales of the pressure and pain that those in the public spotlight must endure, as well as the numbing agony of self-analysis that comes from a psychological affliction, 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.

*WHEN ALL THE LAUGHTER DIED* is SORROW is available at the Dexter Library. As Lance Rentzel did. read it and weep.
Fall enrollment increases

The School of Engineering and Technology suffered the only decline in enrollment. It slipped from 3,274 in 1973 to 3,230 this fall, Osligan 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 1,380 in 1973 to 1,470 this fall. Transfer students increased from 1,386 in 1973 to 1,404.

The average units per student, according to the report, are 14.62. The number of foreign students decreased this fall. Foreign students dropped from 175 to 136. Of the 136 students, 113 are undergraduates and 23 are in graduate school.

This is the first quarter that a fairly complete record has been compiled of ethnic group enrollment. American Indians total 160, blacks 160, Chinese 92, and Latin Americans 275.

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Chrisitians return to the ‘arena’

Students In Action return to Cal

Poly tonight to take on the

Mustang wrestling team.

AIA is affiliated with the

Campus Crusade for Christ

and has a roster of former

wrestling greats. One of the

best matches of the evening

will feature AIA wrestler Nick

Carrollo and Mustang Kesh

Landel.

Chrisitians was the 1980 NCAA

champion in the 190-pound class.

Landel placed second in last

year’s NCAA championships.

The heavyweight division will

see some “big” action. 184-pound

RANDY HUNDE will be

looking for revenge against AIA’s Larry Amundson. Amundson was the NCAA

champion in 1980 in the

heavyweight division. He will

serve as the team’s director.

The big man won’t

shave the matches of mid-

weighters Barry Dickson and

the NCAA in 1980, returns to Cal

Poly this year after a stint in

the Army. Dickson will hit the mat at

184 pounds.

Athletes In Action will compete

with Jarrett Williams. This is

Williams’ first year with AIA. He

was a Junior College All-


There will be an intermediate
during tonight’s matches since

the former collegiate will give

personal testimonial about

Jesus Christ.

War of the words

won by freshman

A freshman debate squad member won first place honors in a speech tournament last weekend.

Linda Leaden, a business

speech major was first place junior division award for

politics, speaking in the

tournament which took place at

the University of the Pacifi in

Brookton.

Her expository, or informative

speech, was on creating a

freeing of the deed. This was

the second award that Miss Leaden has received in two speech

tournaments this quarter.

Approximately 300 contests from 40 different colleges and universities from the western

colleges have participated in the tournament. The team plans to participate in the Western Region Speech

Tour during Thankgivung

vacation.
Crafty 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 silhouetting. 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 (18 pounds for $8.50) while the supply lasts.

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

ELVIN BISHOP AND THE E.L.O.

The Climax Blues Band are unable to perform here this Saturday evening. However, there will still be a night of good music 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 incapable to trend. It is obvious from those who listen and from the response 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 conception of the group. Mike Milto wrote the group's theme song, "Party Till the Cows Come Home," and has released a solo album entitled "Steve Miller." He was also the creator of "Lion County" prior to teaming up with Bishop.

The other members of the band include Bill Emerson on drums, Russ Hayakawa on vocals, Mike Lohse on bass, and Rick Keaggy on harp and vocal arranging.

The enthusiasm with which they approach their music has never faltered. They boogie as the audience dances, sings 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 Music. 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.I. Concert Committee.

The Mind of J. Kappon

On display now until November the 13th, in the University Union Art Gallery, is the work of J. Larry Kappon. 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. Kappon'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 strata. 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 characteristics, 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."

bowling

Friday, November 10th
Chamin Auditorium
7 and 8:30 P.M.
only 76 cents

Alfred Hitchcock's latest thriller is a stunningly successful return to the formula of suspense mixed with macabre humor that most audiences associate with his name. In modern-day London, a sex-criminal known as the "Necktie Murderer" terrorises the city, catching up an innocent man in his web. Featured are Jon Finch, Barry Foster, and Anne Meara, with the traditional cameo appearance by the master himself.
Desire' key to success

The keys to being a success in professional basketball are, "desire, intensity and dedication," said Bill Bertha, director of player personnel, for the Los Angeles Lakers as he spoke here Tuesday.

Bertha, addressing the student chapter of the California Association for Health, Physical Education and Recreation (CAPHER) spoke of his background in basketball coaching at Allan Hancock College and Kent State.

Currently, Bertha 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 watching and compiling a film on each team in the National Basketball Association (NBA) before the season begins. During the season, Bertha is busy attending college basketball games and compiling records on individual players throughout their college careers.

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

Speaking of this year's Lakers, Bertha said, "This is a year of change. With the loss of Wilt Chamberlain, Keith Erickson and Jim McMillan the Lakers have had to make a lot of adjustments."

"Last year's Lakers team was experienced and worked well together as a cohesive unit and played good team basketball," said Bertha. "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 sought and signed high praise for new Lakers acquisitions, center Elmore Smith, 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.

Bertha 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 Wheeler described his team, "the biggest and youngest squad in recent history." Wheeler was enthusiastic as he introduced each member of the team and spoke briefly about the upcoming season.

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