**BY JIM MALONE**

**Staff Writer**


Speaking on behalf of Gov. Brown, who is a legal intervenor in these appeal proceedings, Attorney Herbert H. Brown said, "We think the Diablo Canyon nuclear power plant is in a $2 billion mistake. We believe this plant does not comply with the Atomic Safety Act or Nuclear Regulatory Commission regulations."

The three-member Atomic Safety Licensing Appeal Board heard attorneys for PG&E, the San Luis Obispo joint intervenors (Mothers for Peace, and Gov. Brown) make opening remarks before listening to testimony on new seismic data which the intervenors contend make existing safety precautions inadequate.

PG&E attorney Bruce Norton claimed the new seismic data gained from the Oct. 15, 1979 Imperial Valley earthquake will verify the safety of his client's plant.

The Oct. 1979 earthquake measured 6.4 on the Richter scale. The appeal board agreed to hear testimony on seven seismic questions based on the Imperial Valley data in a June, 1980 decision. The board had issued a "partial initial" decision Sept. 27, 1979 stating the safety modifications proposed by PG&E were "adequate for licensing."

Subsequent appeals by Gov. Brown and Mothers for Peace resulted in the June, 1980 decision to re-open licensing hearings.

Appeal Board Chairman Richard S. Salzman said the week-long hearing would deal with "very narrow, very technical matters," adding that "any resemblance to Perry Mason is highly accidental."

---

**Nobel winner: don't be dogmatic**

**BY HAROLD ATCHISON**

Staff Writer

The winner of the 1978 Nobel physics prize told a capacity audience at Cal Poly Theatre he had lost his religion.

"My religion used to be nuclear power," Arm Penzias said Thursday night. "But Three Mile Island shook me up."

Penzias, now working for Bell Laboratories in New Jersey, was the keynote speaker of a symposium titled Energy: The Eighties and Beyond co-sponsored by Cal Poly's School of Engineering and Technology, Scientists and Engineers for Secure Energy, Pacific Gas and Electric, and several student groups.

Penzias warned the audience against approaching the energy problem with a blind faith—a faith in a technology or research and development or conservation.

"Blind faith is a very, very risky thing," Penzias said. "It's a gamble—something we shouldn't risk our future on."

Penzias looked forward to the time when the nation and the world will use fuels with more respect, and pointed the question: "How can we get there from here, and what will it cost us?"

James Sweeney, director of the Energy Modeling Forum at Stanford University, took up the problem of transition.

---

**Mothers for Peace speaker rallies anti-nuclear forces**

**BY JIM MALONE**

Staff Writer

The attorney who represents San Luis Obispo's anti-nuclear Mothers for Peace told a large crowd Thursday that the group and its supporters have been instrumental in delaying federal licensing of Pacific Gas and Electric Company's Diablo Canyon nuclear power plant.

Washington, D.C. attorney David S. Fleischaker, 33, told 300 gathered in San Luis Obispo's Veteran's Memorial Hall that the group's three-year campaign against PG&E has paid off but said anti-nuclear activities must not let up in getting U.S. Nuclear Regulatory commissioners to drop preliminary plans to license the $1.9 billion facility.

"On March 27, 1979, about a week before the NRC was set to license the plant, the accident at Three Mile Island occurred," Fleischaker said. The accident prompted the NRC to suspend all licensing of nuclear power plants until Sept. 1979.

"I think it's safe to say the incident had the NRC shaking in their boots," the Oklahoma native said.

"Shaken or not, the NRC on Sept. 17, 1979 declared that PG&E's proposed safety design modifications were "adequate for licensing in a "partial initial" decision."

Eighteen days after the board's decision, a 6.4 magnitude earthquake hit the Imperial Valley in Southern California.

---

**By Ralph Thomas**

Staff Writer

A publication that would contain student opinions of facility members has been in limbo since last winter and students involved with it see many barriers blocking its completion.

The Student Opinion Profile circulated its "Phase I" publication last winter. This initial section consisted of voluntary self-evaluations by facility members.

That was the last students have seen of the book. "Phase 2" of the profile was supposed to be made up of student opinions of faculty members and the classes. According to Andy Miller, chairman of the ASI Publishers Board which is responsible for the publication, the second section was almost released last year but was halted because of concern over rating accuracy.

"We almost made it," said Miller.

Miller, who said he is still optimistic about the completion of "Phase 2," is searching for "student leadership to spearhead the publication."

---

**Student profile of pros still kicking after 9 months**

He said he is working on plans to eliminate the Publishers Board and in its place form a "student relations board." Among other duties, the student relations board would be responsible for completing the profile.

Like Miller, Huff said he is also concerned about the board's problems and want to do faculty members.

Academic Senate Chairman Tim Kersten of Economics said the issue of the SOP has not yet been discussed by the Senate faculty members.

"My personal opinion is that probably there would be quite a bit of division of opinion among the faculty," said Kersten.

He pointed out that some faculty members are more popular than others and warned the SOP might become a popularity contest.

"I'm not sure that interesting and popular teachers are any more effective than less interesting and less popular ones," said Miller.
PG&E denied $316 million hike

FRESNO (AP) - The Public Utilities Commission's staff will not recommend approval of the full $316 million rate increase on Pacific Gas & Electric is seeking to offset inflation, a PUC official said at a hearing Monday.

"I wish I could tell you that we will recommend that PG&E get its rate increase, but I can't," Tom Grant told an audience of more than 100 people here, most of whom stood up over soaring utility bills.

"We recognize that inflation is serious and PG&E's expenses are more than estimated in January when rates last were adjusted for inflation," Grant added. The staff has not completed its recommendation on this increase, Grant noted. "But I can tell you that the recommendation will be that PG&E get its rate increase substantially less than it asked for." The utility's spokesman, John Edwards, said that the requested increase of $349 million in electrical rates and $67 million in gas rates would result in a 4.6 percent overall increase.

The money is needed to bring the utility closer to the "next two or three days" on conditions for release of the S2 U.S. hostages and that he thinks it unlikely the Americans will be tried as spies.

Iranian revolutionary leader Ayatollah Ruhollah Khomeini, meanwhile, agreed to allow a war mediation committee of Islamic heads of state to visit Iran, Tehran radio said.

Khomeini stipulated the group was to be confined to "investigating the criminal invasion," the letter said, and it has ordered by Iraqi President Saddam Hussein, according to the radio. But acceptance of the delegation, even on a conditional basis, was seen as a small step toward solution of the four-week-old Iran-Iraq war at the head of the Persian Gulf.

San Jose extension

STATELINE (AP) - Local officials, assisted by the FBI, were searching in the San Jose, Calif., area for the person who staged an extortion attempt in an effort to line his pockets with $70 million from Caesars Tahoe.

Douglas County Sheriff Jerry Maples said identical extortion notes threaten Caesars were found late Sunday - one at Caesars and the other at the Sahara-Tahoe across the street from Caesars.

A sample of the poison the man threatened to use was attached to one of the notes.

LEARN TO FLY

The Art of Flight

San Jose extorsionist

STATELINE (AP) - Local officials, assisted by the FBI, were searching in the San Jose, Calif., area for the person who staged an extortion attempt in an effort to line his pockets with $70 million from Caesars Tahoe.

Douglas County Sheriff Jerry Maples said identical extortion notes threaten Caesars were found late Sunday - one at Caesars and the other at the Sahara-Tahoe across the street from Caesars.

A sample of the poison the man threatened to use was attached to one of the notes.

Douglas County Sheriff Jerry Maples said identical extortion notes threaten Caesars were found late Sunday - one at Caesars and the other at the Sahara-Tahoe across the street from Caesars.

A sample of the poison the man threatened to use was attached to one of the notes.

Maples said a San Jose area man in his early 30's was being sought in the case.

"Tales from the cocktail lounge,"

By LAUREN M. JOHNSON

When last I sat at the bar, my mind was on the presidential campaign. We talked about the candidates and the issues, and the world seemed to be in a state of flux. But then I had a realization: I was sitting in a cocktail lounge, not a political meeting.

So I decided to write a book about the cocktail lounge, a place where people go to relax and talk. I called it "Tales from the Cocktail Lounge." It's a collection of stories about people and places I've encountered in my travels. I hope you enjoy reading it as much as I enjoyed writing it.

Cover price: $14.95

Available at your local bookstore or online.

Joel M. Johnson

"Tales from the Cocktail Lounge"

TUESDAY

RESTAURANTS

1315 MORRO STREET

GEORGIA BRUNSWICK STEW

Lots of Fresh Garden Vegetables: Fresh Country Gumbo

- Mashed Potatoes
- Hot Corn Bread and Honey

ECONOMY PRICE: $1.00 OFF

FULL COURSE: $3.99

(Including Fresh Peach Cobbler and Ice Cream)

WEDNESDAY

COUNTRY FRIED RABBIT

With country gravy (Extra Gravy)

- Hommade Soup or Salad
- Hot Corn Bread and Honey

ECONOMY PRICE: $1.00 OFF

FULL COURSE: $3.99

(Including Fresh Peach Cobbler and Ice Cream)
Cal Poly group sends four experiments into space

Noley Baker studies plans and model of Poly's space shuttle experiments.

BY TOM CONLON

The Cal Poly Space Program, a volunteer organization, announced that four experiments will be fully confirmed to orbit the earth sometime in the near future.

The special was designed by NASA to get industry and universities involved in its space shuttle program by allowing participants to experiment in a weightless environment.

The group will also attempt to create an alloy that is impossible to produce on earth and then study its metallurgical properties.

Another possible experiment will be to melt a metal into a soft substance under pressurized conditions, then allow it to harden into the container to create a sponge metal.

The experiments were chosen by the program's board of directors for their feasibility, interest in industry, high probability of success, easy analysis of results, and weight and volume, Baker said.

The space program launched its first special in November 1978 with a $5,000 donation from Mager Associates of Los Altos Hills. The donation paid for the down payment on the aluminum canister made by NASA used to house the experiments.

Mager will complete the payments on the canister, which total $2,500, if the program gets a flight agreement from NASA confirming the project will be on the shuttle, Baker said.

Since the program is an independent student operation and not funded by ASI, its members have had to seek further assistance from businesses in September it received a $2,000 donation from Hughes Aircraft, and last semester received two tape drives from Moya Corporation.

An additional $8,000 will be needed to complete the project, Baker said.

The project has been on the drawing board for two years and most of the rough spots have been worked out.

The program's office is located in room C14 of the science building. Any student interested in working on the project is invited to stop by.

DSS official not injured after pool-side seizure

The chairperson of the Disabled Student's Awareness Day escape in California was described as "doing well" by Health Center doctor Billy Mount after Cox suffered an epileptic seizure just after he climbed out of the Crandall Gym pool at 10:30 a.m.

Cox regained consciousness by 10:45 a.m. and was later taken to the Health Center for observation. She was released at 2:30 p.m., Dr. Mount said.
Newman Catholic Fellowship
The weekly meeting of the fellowship will be at 7:30 p.m. Oct. 22 in Room 104 of the Graphic Arts Building.

CSUC International
A slide presentation concerning information and opportunities for studying abroad will be shown free at 11 a.m. Oct. 23 in Chumash Auditorium.

Beatrice Hostetter, assistant professor of French, will discuss the purpose of the American Foreigners’ Club at 11 a.m. Oct. 25 in Room 207 of the Science Building. The annual meeting and a Student Council election and a Student Government Board will be held.

Rec Club
The Recreation Administration Club will meet at 11 a.m. Oct. 23 in Room 207 of the Science Building. After the short meeting the Club will meet in the University Union to cheer on the “Rec Rat” as he races during activity hour.

Lost & Found
Lost: Silver wedding ring with anything please report to your office building 28 Oct. 22.


ASIF血CT & TOUANCE
presents
The RAT TOURNAC
Oct. 23 at 11:00 in UU Plaza
Enter your rat and win a prize sign ups Oct 20-23 in UU Plaza
25¢ entry fee
Purchase rats at Pete Manor
discount with this ad
(two offsets 10-16 to 10-23 80
while supply lasts)

{OSCHALCENSE
Where does science fiction end and reality begin? It is all in the mind’s eye. Be it the creative imagination used to produce Star Wars, The Black Hole and The Empire Strikes Back or the scientific approach of hypothesis testing and experimentation, the distant galaxies of science fiction coalesce into reality with the advanced technology now being developed at a company called TRW.

TRW was the Defense and Space Systems Group of TRW that made possible the Viking Landers, one of which landed on Mars in 1976. Today TRW is the world leader in the development of advanced technologies and high energy lasers, communications systems, computer-based space systems, and science fiction. A company called TRW will be on campus...

OCTOBER 22-24
To interview graduates in scientific and technical disciplines, Contact the placement office. 541-4401.

Energy systems engineering
College Relations
Bldg. 58/B196 CPSLO/80
One Space Park
Redondo Beach, CA 90278

For appointment call 541-4401.

An Equal Opportunity Employer
Computer Services Department

The newscope of science fictions
Valuable," Fleischaker said. He said there were three fundamental, interlinking problems facing us now:

- The price we pay for energy is skyrocketing.
- The access to alternative energy sources is restricted.
- The flow of the energy sources we import is dangerously insecure.

About the first point, Sweeney said blaming OPEC is a mistake. Internal political decisions about the amount of oil to export is the prime reason for the fluctuation in oil prices, he said.

“We’ve used up the cheap oil. What’s left will be expensive to get out,” Sweeney said, and added that if production levels for the next two decades are kept up we will have used up to 80 percent of the energy resources we have or know about.

On the second point, Sweeney said the more regulations that are put on coal production and nuclear power, the more costly and inefficient they will be as energy sources.

To make his third point Sweeney cited the problems that could come out of the present Middle East war.

“...if our supply of Middle Eastern oil is cut for more than a few months there will be a depression greater than the world has ever seen—a depression that would make the Great Depression seem minor by comparison," he said.

The short question-and-answer session after the talks was moderated by Miro Todorovich, executive secretary of Scientists and Engineers for Secure Energy, a group that helped bring the speakers together for the symposium.

Fleischaker said suit was filed in June to bar Hendrie from subsequent Diablo licensing proceedings.

“...As long as we keep going, we keep winning," the three-year veteran of NRC hearings said.

“I hope this story has a happy ending.”

“...If our supply of Middle Eastern oil is cut for more than a few months there will be a depression greater than the world has ever seen—a depression that would make the Great Depression seem minor by comparison," he said.

The short question-and-answer session after the talks was moderated by Miro Todorovich, executive secretary of Scientists and Engineers for Secure Energy, a group that helped bring the speakers together for the symposium.

Fleischaker said suit was filed in June to bar Hendrie from subsequent Diablo licensing proceedings.

“As long as we keep going, we keep winning,” the three-year veteran of NRC hearings said.

“I hope this story has a happy ending.”

The Annual Audit for Fiscal Year 1979-80 for the California Polytechnic State University Foundation has now been completed. Copies for public information are available in the Foundation Executive Director’s office, Fisher Science Hall 290, and the Campus library.

The importance of this quake, Fleischaker said, was the new accurate data recorded near the source of the quake. Previously, the only way to predict an earthquake’s effect on the structures at Diablo Canyon was through extrapolation of data gained 20 kilometers or more from the center of a quake.

Fleischaker claims this new data shows that Diablo Canyon will not be able to withstand the forces of a 7.5 magnitude temblor, the figure the U.S. Geological Survey had use for the Diablo delay keyed to Mothers for Peace activities

Kansas City新闻网“Physicist: pick power plants carefully”
One down, two to go.

That's how things look for Cal Poly's cross country team after they demolished a field of Division II rivals in winning the Cal Poly Invitational Saturday morning in Morro Bay. The Mustangs scored 31 points to UC Riverside's 56 and Cal Poly Pomona's 82.

The win leaves the Mustangs with a season record of 5-4 and Cal Poly becomes the team to beat in the region. Terry Gilmore led a strong Poly finish as he placed second in the race, eight seconds behind Steve Alvarez of Riverside.

Ivan Huff, a returning All-American who has been plagued by illness this far, showed signs of his old self with a fourth place finish and a time of 31:45. 17 seconds behind Gilson. Head coach Steve Miller, delighted with Huff's performance, stated "Ivan is back!"

Doug Avrit and Kevin Jones finished ninth and eighth, one second apart, with Joe Fabris placing 15th in 32:25 to round out the scoring.

Miller said that Jones' performance assured him a spot on the top seven for the regionals and beyond.

As for his team in general, Miller stated that he wasn't at all surprised with the results. After all, he's been predicting this win for many weeks, and thus far, his track record is better than Jimmy the Greek's. "I was very, very, very happy with the way we ran. We did all the things I knew we could do, I am extremely pleased."

The Mustangs now have a week's breather before the regionals, and Miller says that his team will work hard and get some things accomplished. Stay tuned for Chapter Two.

**Sports**

**Cal Poly sweeps two, battles Santa Barbara**

BY BRIAN MILLER
Special to The Daily

"We played real well tonight, but we're going to have to play better to defeat Santa Barbara," said Doug Avrit, the Mustang men's cross country team captain. "Those were the words of coach Joe Fabris after the Mustangs women's volleyball team completed yet another weekend sweep.

Play better? Cal Poly had just finished sweeping previously unbeaten Cal State Northridge in a five-game thriller Friday night. Cal Poly got the win 15-7 for a 1-0 lead in the match. Since they couldn't hold the 5-0 lead, the Mustangs ran off a 9-0 lead in game two. The awesome lead was still a barrier for a Mustang comeback. Almost as quickly as Northridge took 9 points, the Mustangs led by Sherri Walker's three blocks, came back with 12 unanswered tallies. Then it was...

Please see page 7

**Electrical Engineers**

**Computer Science Graduates**

**TRW Vidar**

Your Digital Connection to the Future is having:

**Campus Interviews**

Tuesday, October 28

As the revolution in digital telecommunications gains momentum, so does TRW Vidar. The ever increasing demand for instantaneous communication has made our growth potential limitless creating literally a world of career opportunities for you.

Immediate opportunities exist for graduates with coursework or experience in the following areas:

- Transmission Technology
- Switching Technology
- Telecommunications
- Manufacturing Engineers
- Engineering in Electronics, Flight Management Systems and Operations
- Software Engineers
- Technical Engineers
- Modems
- Power Supplies
- Computer Networks
- Modem Programs Control
- Real-time Operating Systems
- Modems
- Data Communications
- Commercial Sales
- Analog Design
- Digital Design
- Business Management
- Sales & Marketing
- Software Development
- System Analysis
- System Design
- Specialized Communications

**Your Digital Connection to the Future is having:**

- Immediate opportunities exist for graduates with coursework or experience in the following areas:
- Transmission Technology
- Switching Technology
- Telecommunications
- Manufacturing Engineers
- Software Engineers
- Technical Engineers
- Modems
- Power Supplies
- Computer Networks
- Modem Programs Control
- Real-time Operating Systems
- Modems
- Data Communications
- Commercial Sales
- Analog Design
- Digital Design
- Business Management
- Sales & Marketing
- Software Development
- System Analysis
- System Design
- Specialized Communications

If you are unable to attend our on-campus interview session, please submit your resume to or call COLLECT: Penny Creamer (408) 745-6580, Ext. 2127, Personnel Department, 1384 Crown St, Sunnyvale, CA 94086.
Mustangs lose soccer test

BY VERN AHERNDES
Sports Editor

Cal State Los Angeles proved why it is the No. 4-ranked soccer team in the Far West as it outplayed the host Cal Poly Mustangs for a 4-2 win.

The loss was the first for Wolfgang Gartner’s Mustang soccer team in league play. The Mustangs now sport an overall 4-4-1 mark for the year.

Mustangs lose soccer test

The largest crowd in the 18-year history of Mustang soccer, 700, went home disappointed when the Mustangs were unable to overcome a second half scoring surge by the Los Angeles Diablos.

Three of the Diablo goals will haunt Mustang goalie Randy Smith as they got past the sprawled out goalie.

The two goals that Poly scored were gifts form the stingy Diablo defense. Rich ten Bosch broke the Diablo shut out on a penalty kick. His kick was blocked by the Diablo goalie but the ball rebounded back to ten Bosch and he drilled it past the sprawled out goalie.

The Mustangs knew that this was the big test to determine whether or not they could play with the more skilled team. It only takes an hour, and it’s free. Don’t miss it.

Evelyn Wood works — over 1 million people, including students, executives, senators, and even presidents have proven it. A free 1 hour demonstration will show you how to save hundreds of hours of drudgery this year (as well as how to increase your speed immediately with some simple new reading techniques).
Obstructed dream

Three bills increasing the state’s role and responsibility in housing were signed into law last month by Gov. Jerry Brown. The strokes of the governor’s pen herald the decline of local control over land use planning and underscores the inability—or unwillingness—of city, county and regional planners to alleviate the statewide shortage of housing.

It’s lamentable that the enormous government of our state is needed to promote the interests of renters and all those whose dreams owning their own property and privacy have been snuffed out by the high prices of single-family homes—which now average a mind-boggling $100,000 each in California.

Because of these bills the state now requires local and regional governments to plan and zone to meet market demands for all housing—in all price ranges. Some localities are doing that anyway, but it’s apparently by the unreasonable expense in renting that many officials in California are pressing to meet some demands more than another—to meet the demand for single-family homes because of potentially higher property tax revenues before meeting the needs of renters. The state now requires that localities don’t frustrate production of needed housing by the imposition of excessive paperwork and red tape. That provision is a hard pill to swallow for some residentiales, like those in Petaluma, who wish to protect their little communities from outsiders by imposing building moratoriums and forming committees that approve the color of paint you plan for your house or business.

The state now requires governments zone enough land for residential use to keep housing production balanced with job-creating development to meet the population growth projections of planners and to use traditional regulatory powers to restrain housing costs. That will keep the government of one city from bringing in a lot of new businesses (to bring in more tax revenues) while leaving the attendant demands on services to other governments.

And, perhaps most importantly, the state now gives a plaintiff more power in challenging slow-growth ordinances that limit the issuance of residential permits on potential building sites. The bill shifts the burden of proof from the plaintiff to slow-growth city, county and regional officials to show that the restrictive policies aren’t disrupting the housing market.

That means more work, more headaches for city and county councils, but it puts the burden where it now properly belongs—on the residents and officials whose parochialism eliminates people of small incomes from their community.

These are drastic measures and not measures that many people will readily get used to. But they are needed. No longer can young people and their progeny expect to inhabit their own property and privacy, or own a house in the building sites. The bill shifts the burden of proof from the plaintiff to slow-growth city, county and regional officials to show that the restrictive policies aren’t disrupting the housing market.

That means more work, more headaches for city and county councils, but it puts the burden where it now properly belongs—on the residents and officials whose parochialism eliminates people of small incomes from their community.

Moped confusion

Editor:
This letter is in reference to all the confusion over moped parking recentlry. While everyone is feeling sorry for the moped riders because they must park so far away and must register at the police station to get their free parking permit, one tends to forget the motorcyclists that must pay for their parking spot.

There are a couple of solutions to this inequity, letting the mopeds pay $3.00 each, and use this money to expand the motorcycle parking lot; or segregate mopeds, back with the bicycles but simply ask that mopeds be parked in the Academic Core (by definition a moped has “fully operative pedals for propulsion by human power”).

To the moped riders in the meantime, please park around the outside perimeter of the motorcycle lot and leave room for the motorcyclists that paid for their parking spot.

Daniel Hobson

Appree-shayshun

Editor:
Thank you Mr. Bennett, yer words “Why vote for someone who can’t win changed my life (Daily, Oct. 14).” I wuz goin ta vote fer Anderson cuz I don’t like peanuts or damned yankee Guvnors, but you set me strait. I can stay home on election day now that I no my vote don’t count anyhow.

Mr. Bennett’s philosophy has become a way of life for me. Now I don’t do nothin that ain’t a nifty thing!

George Ash