

Students protest Hope dismissal

By Vincent F. Light
and Ellen L. Spero

A group of students protested the dismissal of former Assistant Dean for Student Affairs Mary O. Hope at a rally on the steps of 77 Massachusetts Ave. Friday afternoon.

Approximately 30 undergraduate and graduate students, most of them black, participated in the rally, wearing white arm bands and carrying signs proclaiming such messages as, "Just can't cope without Hope" and "Why was Dean Hope dismissed?"

The group distributed a list of ten proposals at the rally, one calling for "a public apology by the MIT administration for the inappropriate manner in which the dismissal was handled."

David M. Libby '85, a representative of the group, said after the rally its major purpose was "to bring about the reinstatement of Dean Hope."

Libby expressed concern that the manner of Hope's dismissal "is indicative of the way the Institute and specifically the Dean's Office makes policy and carries out actions directly affecting students. . . .

"The Dean's Office tries to understand the student's viewpoint, but the best way to do that is to just ask the students," he said.

"We would like the Dean's Office to be more sensitive to student views; and, although it is difficult, more active in getting student views," Libby added.

Democrats debate, criticize president

By Burt S. Kaliski

The eight Democratic presidential candidates echoed one another in opposition to the policies of the Reagan administration but differed in their proposed solutions in a debate Sunday at Dartmouth College.

The candidates agreed the United States should seek an end to the nuclear arms race with the Soviet Union, reduce federal budget deficits, and increase support of education.

Former Vice President Walter F. Mondale and Sen. John Glenn of Ohio clashed near the end of the debate after Mondale promised to reduce the defense and agricultural budgets, and restore revenues from the wealthy and corporations.

Glenn snapped: "That's the same vague gobbledygook of nothing we've been hearing throughout this campaign." He criticized the former vice president for avoiding figures in his promises, and said he could provide his own.

Mondale countered the charges by saying, "You and some others voted for Reaganomics," referring to the senator's support for several bills the president backed.

inside

A thrashingly good time from Channel 3 and Kraut. Page 7.

Little brother joins *The Tech*. Page 8.

The Democrats: their promises and views. Page 10.

Karl K. Wyatt G, another member of the group, said during the rally its goal is to "stimulate the broadest possible Institute-wide forum for [discussion of] the reasons for Dean Hope's removal."

Hope's dismissal was "un-professional," said Norman L. Fortenberry G, a member of the group. Hope gave "11 years of service to the community and [received] only two weeks dismissal notice," he said.

"The timing was bad; it was done when students needed her services most," he continued.

The former dean "is not involved in any way, shape, or form" with the rally, Fortenberry added.

Marcos E. Caro '84, a member of the group, said the goal of the rally is to make the MIT administration aware "the Dean for Student Affairs is not doing a good job."

The dismissal of Hope, Caro said, "is an issue that shows there is a problem with the system."

Richard J. Higgins '85, a white participant, said although the participants in the rally are "mostly minority, [Hope's dismissal] is not just a minority issue."

A group calling itself "Coalition for Hope" sponsored the rally, which lasted almost an hour.

Dean for Student Affairs Shirley M. McBay dismissed Hope Nov. 11. The reason for her dismissal has not been made public.

He refuted Glenn's criticism, terming "all of it baloney."

Former Florida Governor Reubin O'D. Askew later said of the front-runners, "You're both right . . . about each other."

The candidates criticized President Ronald W. Reagan more than one other for most of the debate.

(Please turn to page 2)

Faculty approves real estate degree

By Stuart Gitlow

The faculty approved at its Dec. 21 meeting a Master of Science program in real estate development to begin fall 1984. The School of Architecture and Planning will offer the program.

The program, which can accommodate 20 to 25 students, requires completion of eight subjects and three "mini-subjects." Students can complete the program within 12 months, according to a report by the school.

The mini-subjects will be offered during the Independent Activities Period and summer session, and earn three units of credit per class.

Requirements for admission to the program include an undergraduate degree or graduate training in a development-related discipline, three to five years of real estate related work experience, a college level course in micro-economics, and a working knowledge of basic accounting.

Rights of non-smokers

Professor David G. Wilson, faculty advisor to the MIT Group Against Smoking Pollution, in other business, submitted a letter to the faculty concerning protection of non-smokers in MIT offices.

Wilson said his organization has occasionally interceded on behalf of nonsmokers and usually "has seen a happy resolution."

He said he will propose in February a policy similar to one at Harvard University, which states, "a conflict between smokers and non-smokers about when and where a staff member may smoke within university buildings . . . calls for the smoker to respect the expressed wishes and needs of the non-smokers."

The faculty had held a special meeting Dec. 13 to discuss enrollment in the Department of Electrical Engineering and Computer Science. The Dec. 21 meeting was on the faculty's regular schedule.



Students protest dismissal of Mary O. Hope, former assistant dean for student affairs, on the steps of 77 Massachusetts Ave.

Tech photo by Simson L. Garfinkel

South African tour cancelled

By Daniel Crean

The MIT Quarter Century Club cancelled a trip to South Africa because of community concern about the racial policies of that country's government, according to Daniel H. Gould, the club's chairman.

The trip, originally scheduled for March, was cancelled last month following protests from several members of the MIT community. The club had received no reservations for the trip at the time of cancellation, Gould said.

"We had a couple of letters from alumni" and several phone calls protesting the action, he said.

Howard M. Branz G, Steven N. Goldhaber G, and Cyrus C.

Taylor G wrote a letter to the club protesting the trip.

"They thought it was improper for MIT to be putting money in the coffers of the South African government," Gould said. "We consulted with various officers in the administration before deciding to cancel the trip."

The letter from Branz, Goldhaber, and Taylor states "the itinerary reveals that little time will be spent away from the tourist areas where contact with most Africans is impossible."

"We doubt that any tour members will see the real Africa," the letter continues.

A brochure describing the trip calls it "a unique tour to South Africa [which would] show the real Africa."

The graduate students' letter also states that "any black, Asian, or other non-white member of the MIT community who chooses to go on the tour will have to accept 'honorary white' status while in South Africa."

Drunken driver hits man on campus, crushes leg

By Edward Whang

An allegedly drunken driver hit a local student, Nega B. Medhin, in front of the Student Center Dec. 25, according to Francis L. Calogero, an inspector for the Cambridge Police Department. Medhin lost one of his legs as a result of the accident.

Cambridge Police charged Michael D. Collinson, reportedly the driver of the car that hit Medhin, with driving under the influence of alcohol and driving to endanger. A Cambridge court held initial hearings yesterday, and the case is currently in jury session.

A pre-trial hearing is scheduled for Jan. 30, according to the District Attorney's office.

Medhin and a companion were returning from a Christmas party

Goldhaber said he was surprised at the response to the letter. "We wrote the letter as a first step and thought if this doesn't work we'll make some noise."

"We're very pleased with the outcome," Branz said, referring to the letter. Goldhaber agreed, adding, "It feels as if the letter did have some effect" on the decision to cancel the trip.

James D. Oliver III G, president of the Black Graduate Student Association also wrote a letter expressing concern.

Oliver said he doubts his letter had much influence on the decision to cancel the trip. "I'm sure they didn't get it in time to affect their decision," he said.

The Quarter Century Club "consists of members of the MIT community who have completed 25 years of service," Gould explained. The trip was open to all members of the MIT community.

The club has not scheduled an alternative trip, Gould said, but added, "we have continuing trips all the time."

at about 4:30 a.m. when they stopped to help a stranded motorist at the crosswalk to Building 7.

Collinson's car reportedly hit Medhin from behind and crushed him between bumpers of the two vehicles, although his companion and the driver of the stalled car escaped injury. He was in surgery for most of Christmas Day at Cambridge Hospital, according to a hospital spokesman.

"The driver of that one apparently didn't even see them," a police spokesman said.

MIT Campus Police were involved only in a "peripheral" role, said James Olivieri, chief of Campus Police. "When the accident occurred a call went in immediately to the Cambridge Police Department."

Candidates answer debate questions

(Continued from page 1)

All said they support an Equal Rights Amendment, affirmative action programs, and a woman's right to have an abortion. The Rev. Jesse L. Jackson said he also supports better sex education programs.

Former Sen. George S. McGovern said he would support any Democratic candidate. Asked by moderator Phil Donahue if that support means his candidacy is insincere, he said he objected to a tendency to "lobber the front-runner."

Sen. Gary W. Hart of Colorado described a "new generation of leadership" he would provide, although many of his plans were similar to his opponents. He did, however, contest some of Mondale's proposals during the debate.

Hart rejected Mondale's promise that the former vice president would "fire everyone Reagan has hired . . . and hire everyone he has fired" on the civil rights commission, calling the promise irresponsible.

California Sen. Alan Cranston touched an issue of concern to New Hampshire residents when he said he wants to phase out nuclear power by the year 2000, citing the cost burden of Seabrook, N.H. power plant construction on electricity customers.

Each submitted a different plan for reducing the federal

budget deficit, either by a budget freeze or by a cut in defense spending. Glenn said he advocates a "pay-as-you-go" plan, while South Carolina Sen. Ernest F. Hollings Jr. and McGovern said they would freeze spending temporarily.

Jackson and McGovern discussed ways to decrease the military budget, which all agreed was too costly.

Although each candidate pointed out flaws in Reaganomics — Mondale called it "the first major modern economic mistake of the century" — some blamed Glenn for his support of tax-cut bills in Congress.

Glenn defended his actions, claiming that Democrats were "scared of going back to those policies" which led to 21 percent interest rates and 17 percent inflation during the Carter administration. He said 80 percent of the Democrats in the Senate supported Reagan's proposals.

Erratum

A reporting error caused Provost Francis E. Low to be quoted in a Jan. 11 story as describing a reduction in "free expression" at MIT. Low had actually described a reduction in free expansion of research.

Saturday, Jan. 21

The Boston Business and Professional Women's Club presents **Point/Counterpoint: the Criminal Justice System** at the Westin Hotel at Copley Place. Author Shana Alexander will debate attorney Edward F. Harrington. Registration is \$38 for non-members. Call Kathryn Kehoe at 965-5707 for information.

Announcements

February-degree candidates who have student loans administered by MIT must schedule an exit in-

terview with the Bursar's Office, Student Loan Department, room E19-225, x3-3341. The office is sending notices to those students about repayment status.

The Department of Civil Engineering will conduct a **UROP Traineeship Program** and will offer ten traineeships of \$600 each during the coming Spring Semester. For more information, call the Civil Engineering Undergrad Center at x3-8011 or Professor Hemond, x3-1637.

The Student Financial Aid Office alerts students to the \$1000 schol-

arship being offered by the **Huguenot Society of America**. The scholarship is offered annually to one student at MIT who is nominated by the Institute and is of verifiable Huguenot descent. For more information, contact the Student Financial Aid office.

The 1983-1984 **I. Austin Kelly III Competition in humanistic scholarship** is now open. Two prizes of \$250.00 for scholarly/critical papers in literary studies, history, musicology, anthropology, or archeology will be awarded. For details and contest rules, stop by room 14N-409, or call x3-4441.

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news roundup

World

Reagan calls on Soviets to resume talks — President Ronald W. Reagan, in a speech Monday, urged the Soviet Union to return to the negotiating table, promising to meet the Soviets "halfway" on arms control. The president offered no specific modifications of the United States position on reduction of nuclear and conventional arsenals. The Soviets had left a recent arms control discussion in protest of the deployment of American cruise missiles in Europe. The Soviet press agency Tass described Reagan's speech as "basically of a propaganda nature," and as lacking new ideas or proposals.

US ships fire at Beirut positions — The United States battleship New Jersey and the destroyer Tattall joined Sunday in the first naval action this year against Druse positions in Beirut. A Pentagon spokesman said the ships fired 120 rounds during the three-hour battle. Druse militia had shot at the Marines and set fire to a fuel depot. Donald Rumsfeld, President Ronald Reagan's special Middle East envoy, arrived in Beirut earlier Sunday in an attempt to negotiate for reduced tensions and possible withdrawal of the Marines.

Nation

President accepts Kissinger commission report — White House officials said Saturday that President Reagan accepted in its entirety the report of the National Bipartisan Commission on Central America, chaired by former Secretary of State Henry Kissinger. The report recommends that all military aid to the government of El Salvador require improved human rights. The president, in a radio address, said he will submit to Congress "a comprehensive plan for achieving the objectives" of the commission. His plan will call for economic and military aid to the region totaling at least \$1.6 billion during the next 20 months.

Indiana company halts construction of nuclear power plant — Indiana's Public Service Company said Monday it will not complete construction of the Marble Hill nuclear plant on which it has already spent \$2.5 billion. The company cut stockholder dividends by 65 percent and asked for a \$105 million increase in utility rates before dropping the project, the most expensive plant ever abandoned. Overwhelming increases in construction costs and a shortage of funding forced the halt. The company plans an increase in rates to recover the loss.

Homebook politics turns Harvard professors crimson — A recent poll published in *Psychology Today* indicates that people would rather be governed by the first 2000 people listed in their telephone directory than by the faculty of Harvard University. Of the 700 people polled, 61 percent preferred the telephone directory. Richard Cramer, assistant editor of *Psychology Today*, said the poll was "not a joke" and was meant to probe people's opinion of academia.

Local

Tsongas will not seek re-election — Sen. Paul E. Tsongas, D-Mass., citing a serious illness, announced Thursday that he will not run for office because he wants to return to his family. The state's junior senator explained that the diagnosis of the illness — a mild form of a lymph cancer — prompted him not to seek a second term so that he can spend more time with his wife and three daughters. Rep. Edward J. Ricker, D-Mass., an outspoken critic of nuclear weapons, announced Saturday he would seek nomination for the Tsongas' office next January.

Sports

McEnroe is master — John McEnroe of the United States defeated Ivan Lendl of Czechoslovakia Monday to win the Volvo Masters tennis tournament in New York's Madison Square Garden. McEnroe won in straight sets, with a score of 6-3, 6-4, 6-4. He earns \$100,000 for his efforts. Lendl, twice defending champion, takes a \$60,000 runner-up prize. McEnroe defeated Mats Wilander of Sweden, and Lendl eliminated Jimmy Connors of the United States in semifinal action. McEnroe and Peter Fleming, also of the United States, won the doubles title for the sixth consecutive time, 6-2, 6-2.

Weather

Cloudy, may snow — Today will be cloudy with a high temperature in the mid-30s. Snow or rain may fall by evening. Fair weather is expected tomorrow through Saturday, with high temperatures near 50 degrees.

Paul Duchnowski

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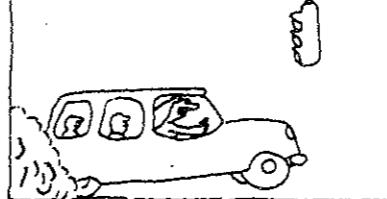
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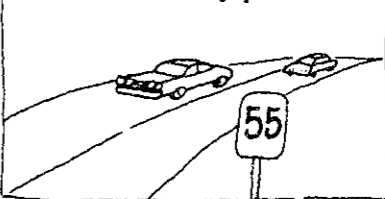
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opinion

Robert E. Malchman

Home is where the hot water runs

Travel, in the younger sort, is a part of education.

— Sir Francis Bacon

AIX-EN-PROVENCE, France — What would you call a university dormitory where hot water runs six hours a day, where the kitchen consists of two hot plates, maids daily invade students' rooms at ungodly hours to pursue the vital mission of emptying the trash, and where the concept of "toilet seat" is unknown? Would you call it "primitive," "barbaric," "perverse," "Harvard?" I would call it "French."

I will never again criticize a petty irritation at MIT after experiencing the privations attendant at *Cité Universitaire Cuges*. It is a place where every

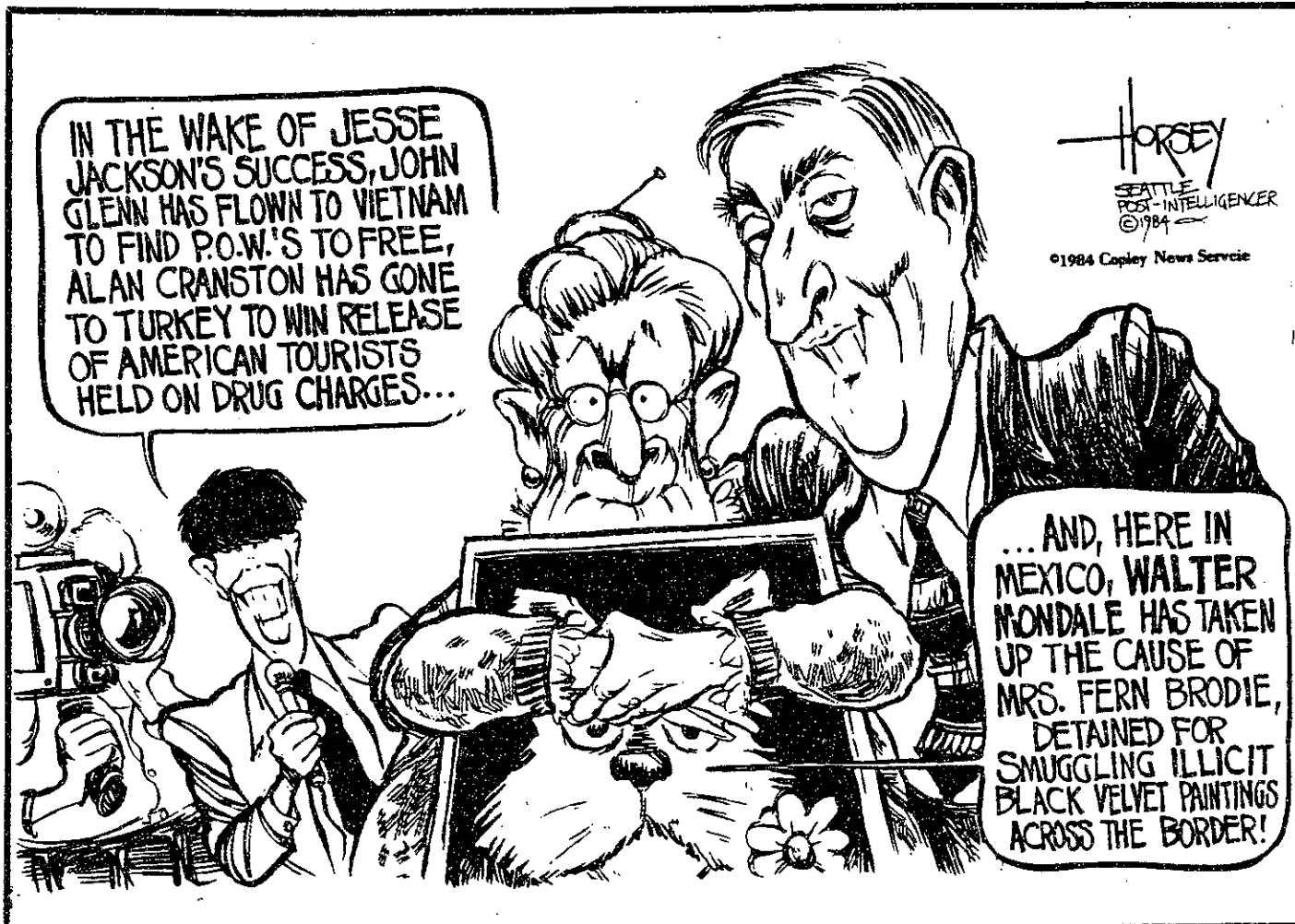
room is a coffin single. The buildings look like a 1960s housing project where the money ran out.

The only redeeming feature is that the front rooms look over a beautiful valley with mountains in the distance. The back rooms, on the other hand, look into the side of a hill.

The students clearly respect their environment: Whatever consumable trash escapes the clutches of the maids is promptly pitched out the window to the hoarde of hungry cats which frequent the area.

It could be worse. Aix is a pretty little town in the South, about 25 miles north of Marseilles. The weather is nice; the people are friendly. A friend

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TheTech

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Column/Ken Meltsner

Athena holds promise

Near the end of last term, I fought a stream of Lecture Series Committee movie-goers as I walked to East Campus. One thing which made it particularly difficult was the fact that everyone had to stop and look into the "Temple of Athena" area in the old Medical Center, even though nothing was hooked up yet. It appeared that everyone was curious about what strange things might soon happen.

There has been more talk by students about Project Athena than is usual for a new Institute program. The Whitehead Institute, the new Arts and Media Center, and the new Whittaker buildings are not of great concern to the average undergraduate. Project Athena is.

Most students are worried about the bad effects of Athena — will they have to spend their lives in grungy terminal rooms, or will the forces of good and right prevail, and make MIT into a paradise of text editing and spreadsheeting? Or could something new and unexpected evolve out of the unique combination of plentiful hardware and clever programmers?

Some people have thought a bit beyond the limits of what is common for micro- and mini-computers. There has been talk of "expert" systems to help Joe Freshman with his physics. Dissection simulators will be written so that no more cadavers will die to teach fumble-fingered premeds. Next term, I will probably write a "thermodynamic video game" (or for the benefit of the proposal reviewers, "an open simulation system") which should be educational, but not annoyingly so.

There is a real opportunity with Project Athena, one which is unique to MIT. It may seem strange to someone well-steeped in Techdom, but there are colleges where more people know French than BASIC. This is MIT's advantage: at a school where fewer than 10 percent are computer science majors, most people are competent computer users. Not hackers, mind you, but scientists and engineers accustomed to using computers as means to an end.

The Community Memory Project is a group in the San Francisco Bay Area which is putting up coin-operated terminals on telephone poles, in bars and in laundromats. Everyone will have access for only 25 cents to a city-wide electronic bulletin board. No one can use the system with a private terminal; everyone has the same level of access to the bulletin board. The Community Memory Project is a small attempt to prevent the monopolization of information by the rich-in-computer-knowledge. Athena could also be such a community bulletin board, where interested students can dabble in any field that they wish.

Eventually, many of its planners foresee a day when one can take a course as easily as checking out a book. When "text-books" that can teach, instead of being taught from, are available, the opportunities for self-education will be endless. In five or ten years, as powerful computers become less expensive, there is no reason a high school or a college could not offer subjects that none of its teachers are qualified to teach.

A crucial issue has been unfor-

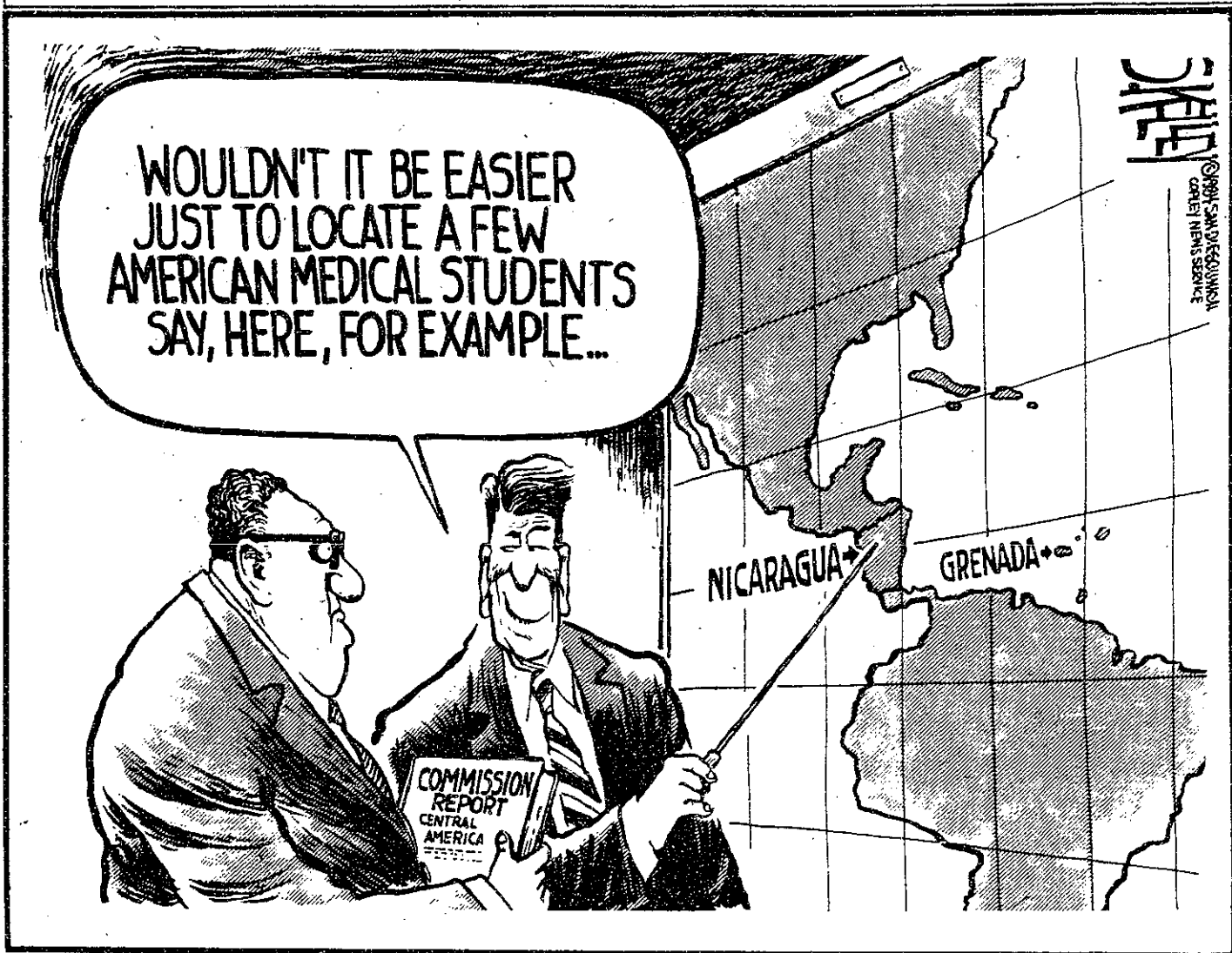
tunately glossed-over in all of the public discussions of Project Athena: the licensing of Athena-developed software. Will MIT make progress or money with Athena's software? As Simson L. Garfinkel pointed out a couple of weeks ago, the computer software business is lucrative, but it is not MIT's role to pursue only the lucrative. I keep seeing blurbs and advertisements about new products invented by this team of MIT professors or that group of PhD's. The profit motive is strong — I could use a few extra thousand this year for my own computer or a car — but it should not override the real purpose of Athena.

MIT did not get \$50-million of computer hardware just to make a few professors and graduate students rich. A few packages may be appropriate for commercial development; programs which require substantial user support to be effective, like word processing packages, are prime candidates for licensing. I do not think that anyone would want to pay for my "Thermo Invaders" program and I prefer it that way.

MIT has a real opportunity to advance the use of computers in education. Just as the Community Memory Project has attempted to provide computer information systems to everyone, MIT should try to promote the use of computers in education. International Business Machines Corp. and Digital Electronics Corp. certainly are hoping to turn an eventual profit from Project Athena, but it is not MIT's job to make money. We should make sure there are no moneychangers in our Temple, and the ones outside should keep a respectful distance.



Opinion



feedback

Defends Garfinkel's series of columns

To the Editor:

I would like to respond to the recent submissions regarding your columnist Simson L. Garfinkel. These various letters criticize his opinions, writing abilities, and contributions to the student body.

Garfinkel's opinions do seem a bit extreme. However, the pen-lashing Leonard V. Gallagher '54, director of student financial aid, gave him [Feedback Jan. 11] was no less extreme. Maybe there are some people on financial aid who really are beggars. However, students like that are hard to find because they are not as visible as a Central Square bum. I have never seen a student standing in front of the fire station or had one walk up to me and ask if I can "spare a dime for some nourishment."

Also, Garfinkel uses correct grammar. His writing style, although somewhat lofty, is quite readable. I do not doubt that he passed the Freshman Writing Evaluation.

Finally, Garfinkel contributes more to the student body than most people. He writes often to point out what he sees wrong with MIT, which is a new phenomenon to him. It is easy to see that in any issue of *The Tech* there is at least one article by or about him. If he did not write so much, the paper would have to run with an empty column space or fewer pages.

The thought of less to read in *The Tech* is horrible. A student would finish the paper in 25 percent less time and have to listen to lecturers more often, assuming the practice of continuing articles on other pages is not expanded. The editorial staff might consider running a syndicated comic strip. *Garfield* or *Bloom County* would be two possibilities. However, that would be so expensive that *The Tech* would have to charge for the first time in its history. New people would be needed to stand in Lobby 7 to sell papers.

Perhaps Garfinkel could fill this position because he is so well versed in financial matters. A contract could be made with the Lecture Series Committee to sell the paper along with movie tickets.

Neither of the aforementioned solutions seem plausible. Maybe *Peanuts* should be used. Still, too many non-MIT people would buy *The Tech* because it would surely cost less than *The Boston Globe*. Therefore, the entire MIT community should thank Garfinkel for his usefulness, and he should be encouraged to write more articles and columns.

David Greenberg '86

Editor's note: Readers used to buy The Tech until February 1975, when advertising revenues eliminated the need for the five-cent price per copy.

Simson L. Garfinkel replies: I am pleased by the fury elicited by my several columns. I thank those members of the community for the feedback they provided. The purpose of my columns has always been — and remains — to stimulate discussion in the MIT community, not necessarily to convince people of my views.

It is unfortunate when the discussion of ideas in the opinion pages of The Tech degenerates into personal invective. While such remarks can be quite humorous, I hope that I need never stoop to such rhetoric.

In considering any issue, it is important to maintain an open mind. As a rational person, I am always willing to consider other points of view, and will revise my opinions if I find them wanting. A profitable discussion is not possible between two people who refuse to consider each other's views. It is of vital importance never to stop considering issues on which we have already pronounced judgment.

There is no place like home

(Continued from page 4)

there says the students and teachers are hardworking and affable.

Contrast this description with one of the vaunted Sorbonne in Paris. The city is, first, cold and drizzly during the winter. The people are worse. A friend at that school said that on a recent examination only he and the other American in the class did not cheat; the others cribbed notes or held books on their laps. My friend assured me that constant cheating is an accepted practice among the French students. The teachers do not care about anything that does not pertain to their research. My friend said Tufts, his American school, is better academically.

None of this should be too surprising when one considers the culture. The French are an arrogant lot, as arrogant as Americans, but without valid reason. The country has been going downhill since Wellington booted Napoleon to Elba. Three thrashings in 70 years from the Germans and even more constitutional overhauls left France in

such bad shape it had to elect the Socialists. The great reform by the Socialists has been to eliminate the class fare structure on the Metro, between 9 a.m. and 5 p.m.

Yet another friend of mine who has spent a substantial amount of time in Paris said not a day went by when she was not pinched on the street. Now, I may not always offer my seat on a bus, or hold open a door, but I do not assault women I pass on the street. There is something sick about a culture that countenances and encourages such actions.

If you walk down a French street any police official can stop you and demand your national identity card or passport. In the United States this is called an "unreasonable search or seizure."

One might raise the point that French artists and writers have created great works of lasting beauty a value. So what? Any culture that permits large filthy dogs to stay uncaged in sleeping compartments on trains is, at best, contemptible.

Why, then, one may ask, did I go to a place I find so loath-

some? Aside from visiting some very good friends whom I have not seen in a long time, I do like going abroad. There is something exhilarating about going forth into the unknown and foreign armed only with American Express Travelers Checks and the ability to say "NO SPEAK-A THE LANGUAGE" in a loud voice.

I have also met some very nice people in my travels who could make even a visit to a sewer a pleasure. There are also the rare individual joys: walking up the tree-lined *Champs Elysees*, chowing down in a Bavarian beer hall, watching sunset over the Arno.

Experiencing the quality of life in supposedly advanced, industrialized Western European nations also makes me appreciate my home. For all its social inequities, angst-inducing rat races and actor presidents, the United States is the best place to be. Other countries may excel in individual areas, such as Sweden's cradle-to-grave social security, but for general quality of life — as I tap my red shoes — there is no place like home.

feedback

Faults Tech's fee coverage

To the Editor:

Being one who is sensitive to criticism of student government inaction, I was disappointed in reading the latest coverage of the employee benefits issue. Anyone aware of the events of the past few weeks, including the two *Tech* reporters, would know that, without extensive student lobbying and pressure from the groups involved, this issue would not have been satisfactorily resolved. It was only after weeks of letter-writing, beating down doors and publicity, that the administration met and reversed its decision.

Yet *The Tech* scarcely mentioned the student involvement in the waiving of the benefit charge, a tremendous accomplishment for students and student government, both graduate and undergraduate.

I hope in the future that *The Tech* will be as eager to point out student government actions and successes as it is to point out its inaction and failures.

Michael P. Witt '84
President
Undergraduate Association

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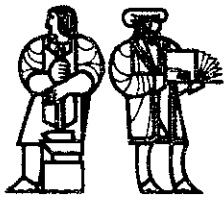
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17-20 January 1984
1:00 - 4:00pm -- Room 4 - 153
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Tuesday, 17 January
1:00pm

"How I Started and Financed My Company: An Insider's View"
 -Robert S. Dezmelyk '78, President Laboratory Computer Systems, Inc.
 -William J. Hecht '61, Executive Vice President, MIT Alumni Association; Entrepreneur and Corporate director
 -Other Panelists to be announced

Wednesday, 18 January
1:00pm

"The Business Plan: Preparing a Plan Which Demonstrates Excellence"
 -Robert J. Crowley, Portfolio Manager, Massachusetts Technology Development Corporation
 -Stanley R. Rich, Executive Vice President and Technical Director, Advanced Energy Dynamics, Inc.; Chairman MIT Enterprise Forum

1:00pm Entrepreneurial Case Presentations
 (Monthly meeting of the MIT Enterprise Forum)
 Room 10-250

Thursday, 19 January
1:00pm

"What Marketing is all about"
 -Richard C. Munn, Managing Partner, The Ledgeway Group
 -Eric A. Von Hippel, Associate Professor of Management, Sloan School, MIT

Friday, 20 January
1:00pm

"Entrepreneurship: Things They Don't Tell You"
 -Russell N. Cox '48, Consultant and Director of numerous companies

2:30pm *"Resources: Entrepreneurial Resources, Organization and Management"*
 -Vincent A. Fulmer '53, Secretary of the MIT Corporation; Director of Various High Technology Companies
 -Paul E. Johnson, Executive Director, MIT Enterprise Forum
 -Judith H. Obermayer, President, Obermayer Associates

For further information, contact Paul E. Johnson, Executive Director,
 MIT Enterprise Forum.
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CH3 and Kraut: a study in contrast

ARTS

Channel Three and Kraut at the Channel, Sun., Jan. 15.

Punk music has never been especially easy to categorize, particularly since so many different types of bands currently sport the "hardcore" moniker. There is not much similarity between, say, the Dead Kennedys and the Exploited except that both are all but locked out of the mainstream of popular music. Both are considered to be hardcore bands, but their messages and modes of attack are quite dissimilar.

So it is with the two bands which appeared at the matinee show at the Channel this past Sunday, Channel Three and Kraut. CH3 hails from Los Angeles, Kraut from New York; the bands are as different as the cities they come from. Kraut played first, and typified the "East Coast" hardcore style — extremely fast, tight, visceral music played with an overwhelming sense of urgency.

Kraut has released one record to date, 1982's *An Adjustment to Society*. The band's performance necessarily drew heavily from this album, but many newer songs were also played — it is always good to see a group expanding its repertoire and not relying on the same tired material year after year. A new album is reportedly in the works, but no mention of it was made to Sunday's crowd.

Ferocious is the one word which best describes Kraut. Their searing assault should have electrified the audience, but for some reason did not. It might have been too much for people to handle that early in the day, but it more likely was Kraut's lack of lyrical prowess — too many of their songs suffer from embarrassingly pedestrian words.

Kraut songs tend to be repetitive, both lyrically and musically. While this is not a crime in and of itself, it seems a shame that such thrashing hot tunes should be saddled with such sophomoric lyrics. The proper attitude and sentiment are there, but the execution of these thoughts has not been especially successful.



The song "Mishap" from the album exemplifies this problem:

*Things don't stay the way they are!
Things don't stay the way they have!
Things don't stay the way they should!*

Things don't stay the way they would!
Get the idea? Not all of Kraut's songs are quite this redundant, but virtually all employ the same lyrical form. The band does have things to say, as in "Arming the World":

*Are you ready for World War III?
Arming the world
Protecting ourselves
Arming the world
We're fighting ourselves*

Unfortunately, Kraut depends too heavily on "blow it up" negativism for impact, which is both simplistic and passe.

Channel Three, on the other hand, exemplify the "West Coast" hardcore sound — looser and less frenetic. CH3 was mighty laid-back on Sunday — they had a heck of a good time while performing — a sharp contrast to Kraut's almost overbearing sense of angst. Even when there were equipment problems, the boys from Los Angeles took it all in stride.

CH3 has put out two full-length albums since the release of their four-song debut EP in 1981, and thus have quite a repertoire from which to choose. So what did they play in concert? "Slow Down," the Larry Williams R&B standard also covered by the Beatles and the Jam, and the Temptations' "My Girl" not once but twice. It was kind of fun.

When Channel Three played their own songs, the place really exploded in a frenzy. The band changed drummers when recording their most recent album, last year's *After the Lights Go Out*, and as a result lost much of the speed and power that characterized their earlier releases. CH3 now sports a more heavy-metallic sound, although without many of the excesses found in that particular genre.

CH3's best moments came when they were seemingly just clowning around. They have been around long enough to know not to be overbearingly serious, and their brand of playfulness infected the crowd with good humor. The band could benefit from a reversion to the tighter, razor precise attack they maintained previously — whether this is a permanent change in style or merely breaking in their new drummer remains to be seen.

Channel Three has penned what is perhaps the most incisive strictly American political punk song, "Manzanar," which has been recorded three separate times — for the Posh Boy cassette compilation *The*

Future Looks Bright Ahead, their self-titled debut EP, and 1982's *Fear of Life*;

You bitch and moan about the holocaust,

*A drastic crime in the modern day.
Where were you in World War Two?
Were you proud of the American way?
Adolph really caught your eye,
Ain't it fun to knock the Warsaw zone?*

*But you turned the other way
When we screwed some of our very own.*

*Manzanar concentration camp
It wasn't in a country so far.*

*Manzanar
In fact in your own backyard.*

Many of Channel Three's songs deal with the life and death of personal relationships. "No Love," from *After the Lights Go Out*, bemoans the pain of loneliness and growing up in a world where things are not what they appear:

*In love, death do you part
Changes one fine day.*

*Dear Dad married again
Before my voice had changed.*

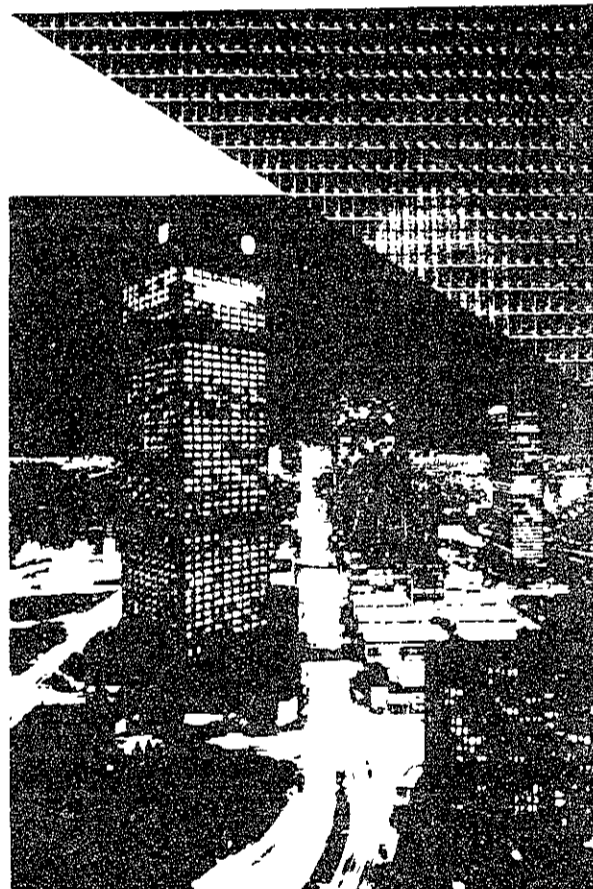
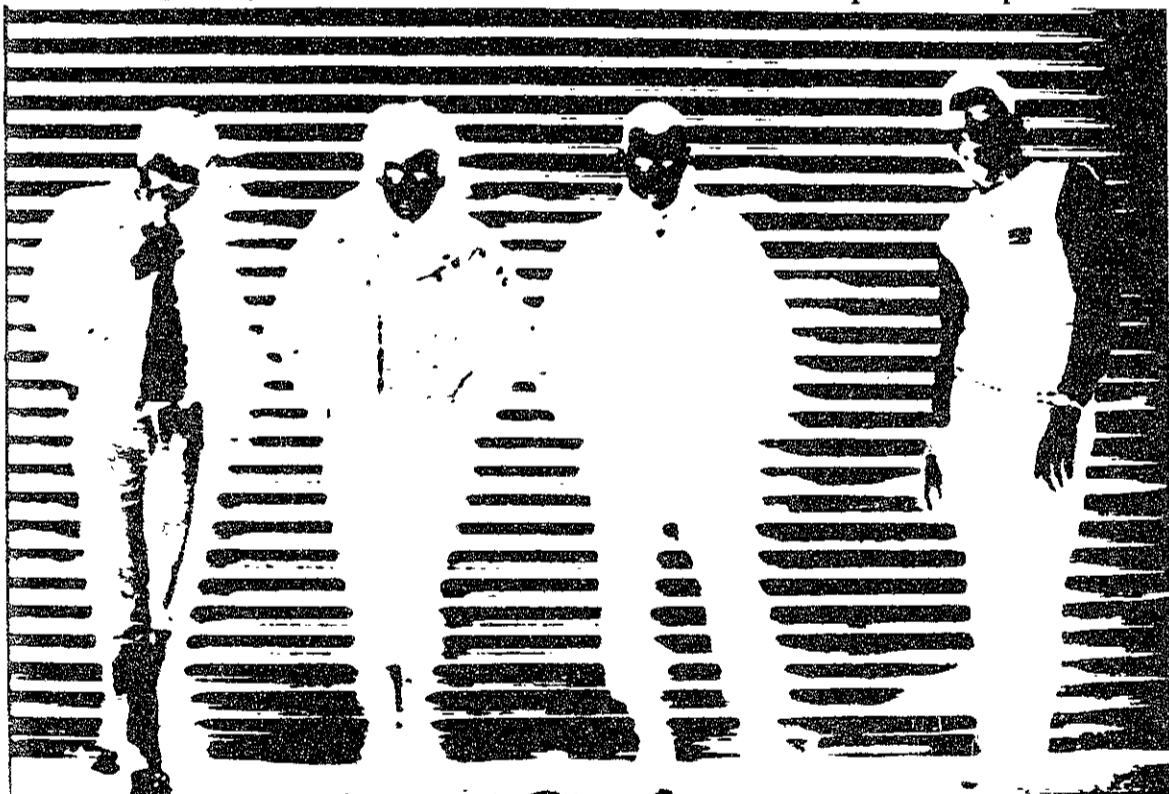
Love dies, illusion remains.

*I hear top forty songs;
Lonely housewives sing to the radio
"Wonder what went wrong?"*

"Separate Peace," also from the latest album, is in the form of a letter from a father to his son. Dad's getting a divorce, his wife has become a drunk, and his other son has committed suicide, yet asks nonchalantly, "Are you coming home for the holidays, son?"

Both Channel Three and Kraut can learn from each other; each band's good and not so good qualities dovetail perfectly with each other. Combining the best attributes of both into a single entity would result in a hellaciously great band, but for the time being we will have to settle (if that is the word) for merely two good ones.

Drew Blakeman



Violinist Isaac Stern and pianist Andrew Wolf will perform works by Mozart, Enesco, Bach, de Falla, and Ravel at Symphony Hall 8 p.m. Friday. Tickets are \$12.50-\$16.50; call 266-1492 for more information.

Rats, a pun-filled revue "not based on a book by T. S. Eliot," is at Nick's Cabaret, 100 Warrenton St., Boston, 482-0952. Showtime is 8 p.m. Tuesday through Thursday, and 7:30 p.m. Friday and Saturday. Tickets are \$10-\$12, or \$16.95 with dinner included.

The Motels and the Sex Execs appear at the Orpheum Theater tonight at 7:30 p.m. Tickets are \$12 and \$13. This show was postponed from last night; all previously purchased tickets will be honored.

Tommy Tutone and Catholic Girls will perform at the Channel, 25 Necco St., Boston, tomorrow at 8 p.m. Tickets are \$4 in advance, \$5 the day of the show.

Ozzy Osbourne, with special guests Motley Crue and Wasted, rock the Boston Garden 7:30 p.m. Saturday. Tickets are \$10.50 and \$11.50; earplugs advised.

Cat People, 7 and 10 p.m. tonight, 26-100.
Lawrence of Arabia, 8 p.m. Friday, Kresge.
Casino Royale, 7 and 10 p.m. Saturday, 26-100.
Heavy Metal, 7 and 9:30 p.m. Sunday.

Cats, a musical extravaganza based on T. S. Eliot's *Old Possum's Book of Practical Cats*, runs through May at the Shubert Theatre, 262 Tremont St., Boston. Curtain Monday through Saturday at 8 p.m.; Wednesday and Sunday matinees at 2 p.m. Tickets are \$21-\$40; 426-4520.

Tech essay winners on Orwell's 1984

Editor's note: These essays on "1984" won \$25 honorable mentions in The Tech's essay contest. Other winners will appear in future issues and all prizes will be awarded in February.

Guest Column/Tom McKendree

Technology can cure evils

In his novel 1984, George Orwell painted a vividly gray world in which a monolithic government imposed an iron rule, crushing individualism, and outlawing change. As the year 1984 approaches, it is appropriate that we look again at Orwell's grim vision, and see if in the context of our own world we can find any new perspective on Orwell's warning.

Orwell's vision of a brutalizing and intimidating totalitarian government, re-writing history, using secret police against its citizens, and striking viciously against dissent compels the reader to look deeply at the causes of this gruesome horror. One fears the world of 1984, where all that is truly human has gone out with a wimper.

The driving force behind Orwell's nightmarish society is clear — power. The politics of this world are unabashedly that of power. Those in power are driven by a voracious hunger for more. But not any sort of power. The unholy grail of Orwell's government is power over people.

In conceding power over them, the people had fed those who thirst for power over others, but this is a thirst that never slakens. All the people have managed to do is hand over the means where by those with an unquenchable desire for power can greedily wallow in it, unopposed.

There is a second kind of power. This is technology, power over nature. The two-way televisions and the listening devices (literally bugs) in the novel are clear examples of technology being controlled by, and hence used only for, those in power.

In this we see the evilly twisted core of the world in 1984. The natural order of things has been inverted. Looking now at our own world, we see that change, not the stasis so dearly prized by those on top, is the natural order. And change is driven by technology.

So much is changing in today's world that it is difficult to see clearly cause and effect amongst the many changes that face us. This plethora of change throughout the fields of human endeavor is due to every other field struggling mightily to catch up with a technology that has been racing ahead for two centuries. To illustrate more clearly that technology is the engine of change, consider an example from the past, when

things moved more slowly. Consider agriculture.

Roughly ten thousand years ago, after millennia of eating stray plants and hunting, people began deliberately growing plants with the intention of eating them. This idea of growing plants for food was an example of technology. Agriculture permitted a person to grow more food than he needed to survive. This surplus allowed others to spend their time on other pursuits. Art, simple manufacturing, such as pottery and later bronzework, trading, poetry, and drama all started flourishing. Virtually every facet of humanity was transformed, and the trigger was technology.

To take a more recent example, consider what is perhaps humanity's foremost social advancement — the abolition of slavery. Aristotle once said that slavery would end when the spinning wheel spins itself. As agriculture progressed through technological developments like the plowshare, as it became possible to produce more and more food with the same amount of labor, slavery faded into the weaker and weaker quasi-slavery of serfdom. This trend continued until today where technology has brought industry to the point where the wheels do spin themselves, and slavery is obsolete. Notice the order of events. Slavery wasn't dismissed as immoral, whereupon the world magically improved for everyone. Technology made the abolition of slavery possible and morality followed.

To cite a more contemporary example, consider another admirable social change, the Women's Movement. There are real differences between Men and Women. In today's technological world those differences are of vanishing importance. One doesn't need raw strength to push a button. When people had to hunt and forage for food to survive, however, these differences did matter. When everyone had to work all their waking hours just to survive, a Women's Movement would have been pointless. The Women's Movement is feasible only because technology has made it possible for us to afford equality.

Beyond the fact that technology provides the motive force for change, these three examples, agriculture, the abolition of slavery, and the Women's Movement

(Please turn to page 9)

Guest Column/Maida Tilchen

Screams of Joy and of Pain

Before the War:

I. A man walks into a luxurious restaurant in the finest hotel. He orders the specialty of the house. He carefully and thoughtfully eats, savoring each taste. Afterwards, he goes up to his room and kills himself. This is what our lives are like in 1984. We are all enjoying our last meal. And the people who work in the hotel? After work, they go home to their house next door to the Nerve Gas Factory.

II. A man walks into a luxurious restaurant in the finest hotel. He orders the specialty of the house. He carefully and thoughtfully eats, savoring each taste, and contemplating the suicide to follow. Just then it occurs to him that he is doing this so he doesn't have to think about the Nerve Gas Factory or the Nuclear Weapons Shop or the Torture Cell. He realizes that he is just using suicide as an escape from all the hopelessness and helplessness he feels about the world. Sometime he thinks about Jim Jones.

Reverend Jim Jones took a thousand people into the jungle and told them that the whole world wanted to kill them, but that he would save them. Then he killed them by making them commit suicide. It is not like the arms race? "We had to destroy the village in order to save it," says the General. "We call these missiles 'Peacekeepers,'" says the President.

How to Build a Nuclear Arms Race:

The last sentence of 1984 is, "He loved Big Brother." It is the ultimate denial of the self, the cry of the abused child accepting and internalizing the abuser. It is the triumph of the abuser, the oppressor, who has bullied the victim into submission, and now believes he has succeeded, denying his own behavior, convincing the victim and himself that it was "for the victim's own good."

So it is with the arms race and the militarization of the world in 1984. The governments of both the United States and Russia interfere with the people's will of other societies, "destroying the village in order to save it," claiming it is "for the people's own good." They deny the ability of the people, and they deny their own behavior. And they fill the earth with a nuclear bomb so big it has all our numbers on it, all three billion of

us on Planet Earth.

And we, the people of America, deny that we are bullied into living next door to the Nerve Gas Factory, near the little shop on the corner that sells nuclear weapons with heat-seeking devices, by the mail-order service for the implements of torture. We have many ways to deny, here are some: denial by escape, entertainment, food, sex, cigarettes, alcohol, drugs, chocolate, material objects, money, success, work, fame, religion, adventure, romance. We are a people hooked into individual self-destruction so we can deny that the system of mass destruction which has been created is our future.

A Field Trip to the Nuclear War:

I went to the Seneca Nuclear Arms Depot and laid my body on the road in front of the gate. I would have laid my body on the barbed wire fence, but they had a sign saying Only Nuclear Bombs Welcome, US Government Property. So I lay out on the hot asphalt in the August sun. The soldiers stood in full battle gear, with their machine guns and hand grenades, and their little paper cups of Coca Cola. They didn't look too worried — I guess they figured if I tried to attack the Nuclear Bomb they could protect it.

I slept by the Nuclear Arsenal. All night, the big Army helicopters roared over my tiny brown tent, flashing their lights, their loud spinning rotors disturbing the summer night air. It's not a pleasant place to camp, and I wondered if they had the crosshairs of their bomb-sights on my little brown tent.

Screams are Heard:

1984 will bring Screams of Joy and Screams of Pain. You don't scream from a nightmare. You scream from reality, the car that really hits, the knife that really pierces, the bomb that really explodes.

The Screams of Joy are the music of the people heard after the unfortunate leak at the Nerve Gas Factory. They are not screams of pleasure. They are not the peals of laughter of the happy baby swinging in the sun, nor the smiles of the people as they sit down to the picnic feast.

(Please turn to page 9)

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Technology can provide freedom

(Continued from page 8)

all point to another aspect of technology, it is humanizing. By widening the range of choices for individuals, technology expands their horizons.

That technology tends to be beneficial is not surprising, however, since, given the choice, people tend to pick the option that is better, and not worse, for them.

The Orwellian danger in today's world is that people often are not given the choice. With even the best of intentions, attempts to impose one person's decision on another always strengthens the Orwellian forces

Eating the last meal

(Continued from page 8)

The Screams of Joy are the sound we hear everywhere, the drone of helicopters hovering over our tent. They are the sound we will feel, the satisfaction, the sense of completion — when the nuclear bomb goes off — a perfect hit on the Nerve Gas Factory.

The Screams of Pain are not denial. They are the inability to deny, the inability to let life go by as if the pretty little house next door wasn't a Nerve Gas Factory.

The Screams of Pain will not start when the bomb goes off, for they are already heard now, all the time, from all over the world, from Greenham Common and Berlin and Rome and Livermore and Seneca and even Moscow, from the Russian children and the British women. How long will the Screams of Pain be heard before the bomb goes off?

The Solution is Right at Your Fingertips:

People look for some magic solution, some charismatic leader, some instant cure. This is their greatest denial. Waiting for the magic solution, we deny our individual responsibility.

What would happen if we refused to deny anymore? Would the Screams of Joy be heard? Or the Screams of Pain? Would it be as if the skin of the eyes was peeled off, and we would see before us the room of the stacked bones, the carefully arranged skulls, left for us by the torturers? The Denial can only end with each single person taking the tip of one finger out of one ear, the tip of one finger out of one eye, the tip of one finger off one's heart, to let the sight and sounds and feelings be heard, to touch that finger to another to form a human chain, to scream the Screams of Pain together.

To disarm, we must not start with reducing the number of warheads, because they are only the symptom. Forty-thousand unexploded warheads is all the denial, the fear, and the anger that we humans have stored up in our billion years on this planet. We

in the world, and can still hinder the humanizing forces in the world.

Consider the rifles of Eli Whitney. Using interchangeable parts for the first time, Eli Whitney began making rifles in large volume. They were easier to maintain than earlier rifles, and easier to produce. As a result killing became easier, and wars more bloody. If technology is something that should be selectively permitted and banned, if there is a case where power over people is justified as a means of stopping certain technologies, then Eli Whitney's rifles would have been

cannot defuse the bombs without first defusing ourselves. We must accept our denial and our anger for all we have been denied, and we must then let go of it safely. And someday, the forty thousand warheads will serve only as warnings to the future, not as pictures of the future.

Something about 1984:

The most horrifying aspect of 1984 was that They could find out your worst fear, and that's what They would use to torture you, like the rats eating Winston's stomach. The most horrifying aspect of 1984 is that They surely do know our worst fear. They know how we feel when we reach out in the night and our mother is gone, our father is gone, our child is gone, our lover is gone. We are alone in the devastation that was once a perfectly amiable Nerve Gas Factory on the corner. This is our worst fear and this is how they will torture us.

I was both in 1949. In 1984 I will have been tortured for thirty-five years. The only life I have ever known has been lived with the constant sound of the Screams of Joy. In the last year, I have been to the Nuclear Arsenal and now I live too with the Screams of Pain from all over the world. I cannot eat my last meal in peace, knowing that I am about to commit suicide. Could I eat more peacefully knowing I am about to be murdered? Is it suicide or murder? It is 1984.

A Final Word:

There's really nothing you can say about 1984 that you haven't had a nightmare in all fear and trembling about already. The kind of nightmare where you wake up in a sweat and your stomach is turning inside out and your sheets drip with your cold fear. You were dreaming about 1984. But you throw up and put on clean, dry pajamas and turn up the electric blanket and when you wake up, you go happily off to work at the Nerve Gas Factory again.

prime candidates for banning. Yet interchangeable parts became a cornerstone of modern industry. People have benefited enormously from the increases in agriculture, production, and free time that Eli Whitney's invention allowed.

In the struggle between the Orwellian force of politics, and the anti-Orwellian force of technology, it is important to remember the dangers of giving some power over people. In this 1984 is a stirring book. It manages to capture the horror of totalitarian control. The reader sees the humanity in humanity strangled, and understands that absolute government is a trap that once fallen into, we may never escape. As a cautionary tale 1984 remains a classic.

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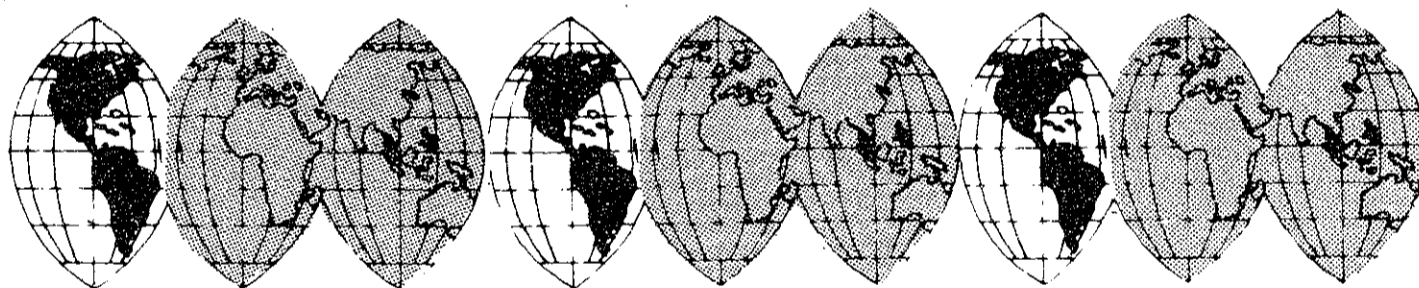
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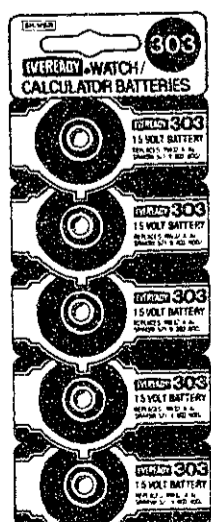
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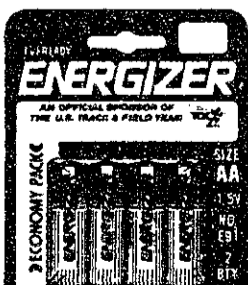
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Democratic candidates' views, promises

	Reubin O'D. Askew <i>Former governor of Florida.</i>	Alan Cranston <i>Senator from California.</i>	John H. Glenn Jr. <i>Senator from Ohio.</i>	Gary W. Hart <i>Senator from Colorado.</i>
A woman running mate	Will "turn it open to the convention" to select a vice presidential candidate, and thinks "it could happen" that a woman would be chosen.	Giving "very serious thought" to choosing a woman running mate, but wants "total compatibility on issues," and is making a list of well-qualified women.	Has no list of possible running mates, but says, "I do not rule anybody in or out." Claims race and gender are no longer important issues in the United States.	Thinks women "bring to public policy a measure of thoughtfulness" that men often do not, he says. Would run with a woman on either end of a ticket.
Nuclear arms control	Goal is "above all to avoid nuclear war." Thinks a nuclear weapons freeze "would not keep the peace," and says an "effective deterrent" is necessary.	Would sign pact his first day of office that the United States "will not test or deploy any nuclear weapons as long as the Soviets do not test or deploy any." Supports B-1 bomber.	Has a five-point nuclear freeze plan: mutual disarmament, incremental negotiations, non-proliferation policy, involvement of lesser powers, and overall arms control.	Strongly supports nuclear freeze and a reduction in land-based missiles. "There is no issue in our time . . . more dominant than the question of whether we can stop the nuclear arms race."
A peacetime draft	Advocates voluntary national service in return for educational benefits.	Opposes.	Opposes. Says army attracts too many blacks "because they couldn't make it any other way quite often."	Would put forth "great pressure" for a national service.
Budget deficits	Opposes protectionism for American products.	Would "restore taxes on very well-to-do Americans," reduce defense budget, cut "vast expenditures" in conventional defense, put Americans back to work to generate tax revenue.	Wants a "pay-as-you-go plan" for budgeting, and deferred indexing on federal income tax. "It grasps the problem more . . . than corporate taxes."	Says only the wealthy have benefited from the Reagan administration, while the next generation's future "is being mortgaged to pay for this election year recovery."
Involvement in Lebanon	Would return to Camp David with Middle East leaders to negotiate.	Supports military cooperation with Israel, but says United States cannot negotiate with Syria unless it ends its concept of a "Holy War" with Israel.	Would not set a time for withdrawal, but says United States must make its objectives clear and "stop this US-Syrian confrontation."	Says Marines in Lebanon "are not furthering any peace position there." Would withdraw troops and negotiate with Syria.
Assistance to El Salvador	Says Kissinger report has "some good things in it," but United States needs "to help poverty and illiteracy" in the area.	Would stop military advising in Central America if Cuba agrees to do the same.	Would not cut off aid to El Salvador immediately, but would require progress on human rights for continued assistance.	Believes El Salvador's enemy is poverty, not the Soviet Union. Would suspend military assistance until guerrillas and death squads stop. Says Kissinger report "continues a policy of war."
Educational programs	Feels that without a "recommitment to public education," the United States is limiting itself "as a nation of enlightened citizenry."	Wants increased presence of humanities and liberal arts in education.	Says the United States once had a great educational system, and should lengthen school year.	Notes that soldiers often cannot read instruction manuals. Would "make education a number one priority."
	Ernest F. Hollings <i>Senator from South Carolina.</i>	Jesse Jackson <i>Baptist minister.</i>	George McGovern <i>Former senator from South Dakota.</i>	Walter F. Mondale <i>Former vice president.</i>
A woman running mate	Says Democrats "should be looking to the strengths of the Democratic party" — women and minorities — for a running mate.	Notes that other countries have women leaders. "There is a need to involve the persons who so far have been denied" in United States government, he says.	Has no list of possible running mates, but jokes, "This time I'm going to be more careful," referring to Thomas F. Eagleton, who was forced off the 1972 ticket.	"Seriously" considering a woman as a running mate. Opposes the Reagan administration's "record of justice toward women."
Nuclear arms control	Says nuclear arms race cannot be stopped in only four years, but "to have a safer world would be the primary purpose of a Hollings administration."	Would meet with foreign leaders "to take the risk for peace, and make a difference." Says recent negotiations "have lost the vision of the bigger picture."	Opposes B-1 bomber and MX missile, which would kill "no matter what the Russians do." Says stopping the arms race is "most urgent responsibility on the next president."	Wants annual summit conferences with the Soviet Union, and says "personal conversations . . . are now important." Cites success of Camp David talks with Anwar Sadat and Menachem Begin.
A peacetime draft	Calls volunteer army "an armed job corps." Thinks draft may become necessary to ensure equal participation.	Agrees with present system.	Opposes.	Supports volunteer army. Says he "personally and privately opposed" draft registration during the Carter administration.
Budget deficits	Likens federal spending to a city budget, and would freeze all spending for one year. Criticizes Glenn for support of Reaganomics.	Would make allies pay their share of the defense budget. Says corporations' practices are "hemorrhaging the economy."	Opposes a spending freeze, because the government has been "gutting" all social programs. Would make a 25 percent cut in military spending.	Criticizes Reagan for creating a "high consumption, low investment society" in which the poor suffer. Would increase and protect exports.
Involvement in Lebanon	Says Marines "could have no effect whatever other than to sit there and be killed."	Cites need for a comprehensive Middle East policy involving not only Israel and Lebanon.	Would end involvement in Lebanon, claiming United States now relies too much on its military strength.	Wants increased involvement of allies in Lebanon peacekeeping and strategic cooperation with Israel.
Assistance to El Salvador	Says Carter administration promoted human rights in Central America, and would try a similar approach. Supports a federally-funded day care program to improve education. Would reinstate cut programs after a year of spending freezes.	Wants to discontinue covert aid. Says government must provide more opportunities for learning, while parents must offer support and reduce childrens' television viewing.	Thinks "policy we're pursuing with Cuba is dead wrong" because it maximizes Soviet influence. Would negotiate with Cuba and Central American powers. Would make federal government solely responsible for distribution of welfare funds and increase state support of education. Says Internal Revenue Service should collect student loan repayments.	Would repeat policies of Carter administration in region. Says "I was around when we did it, and it worked." Says leaders "have to help the poor and disadvantaged have a chance" to learn. Criticizes the Reagan administration's cuts in educational programs.

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Stickles
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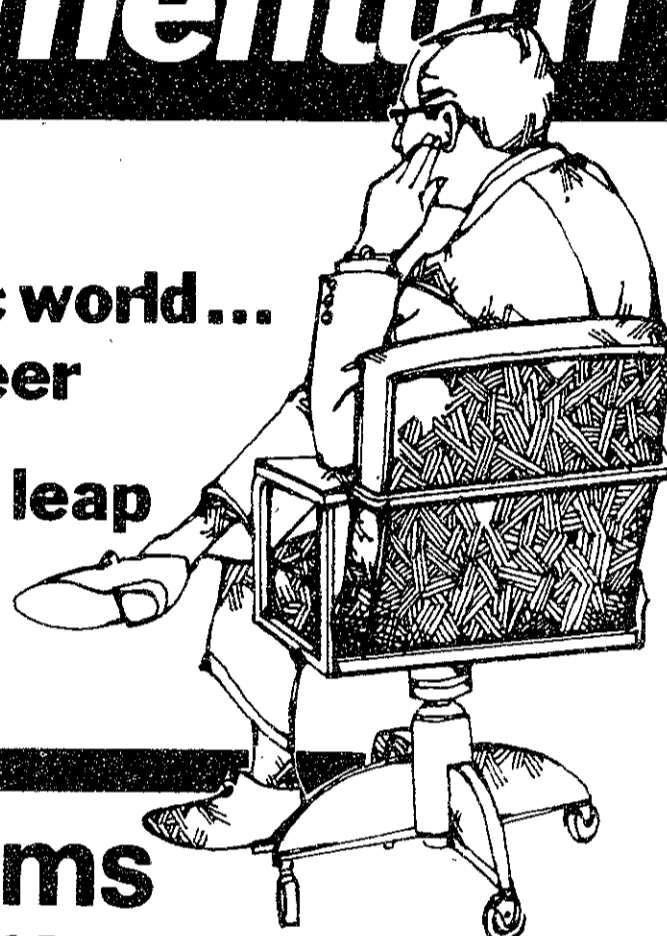
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Louis Menand III 1 to 3 p.m., E51-302

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Drew Blakeman

Super teams in super clash

The Washington Redskins take on the Los Angeles Raiders in Superbowl XVIII this Sunday. All is as it should be: the two best teams in the NFL battling it out for the title in what promises to be a great game. Both squads have been there before, and both boast an array of the league's top players.

The 'Skins are tabbed a slight three-point favorite, based upon their 14-2 regular season record and shattering of the all-time NFL mark for scoring in a single season. They would have gone undefeated save for two Monday night losses (to the Dallas Cowboys and Green Bay Packers) by a single point each.

The Raiders went 12-4 during the regular season, tying Dallas for the second-best record this year. They lost to Washington 37-35 in a hotly contested game; their other losses were at the hands of the St. Louis Cardinals and twice the Seattle Seahawks — teams which the Redskins trounced handily earlier in the year.

During the playoffs, the Raiders easily disposed of the Pittsburgh Steelers and the Cinderella Seahawks while the Redskins annihilated the Los Angeles Rams — in the most lopsided NFL post-season game in 26 years — and squeaked by the San Francisco 49ers amidst controversy on a last-minute field goal.

The Redskins defensive line stifled opposing rushers all season, yielding an average of only 80 yards per game on the ground. Raiders running back Marcus Allen will not be much of a factor in the Superbowl unless his blockers can do what few teams have — move mountains known as Dave Butz and Dexter Manley.

The Redskins, on the other hand, have a man many consider to be the single most dominant player in the game today, full-back John Riggins. While his statistics are not the most stellar, he gets the job done in short yardage situations. Riggins' NFL record 24 touchdowns rushing this season bear witness to his value where it counts: putting points on the board.

The Raiders' defensive secondary is one of the best in football, but the Redskins tendency is to run the ball and throw short passes, a strategy which will place the burden on the Raiders defensive line and linebackers. The Raiders almost exclusively use a 3-4 defensive alignment, offering Riggins an open invitation to run the ball all afternoon long.

The Redskins defensive backfield has had its problems this year, earning the sobriquet "Pearl Harbor Crew" because of the numerous bombs always dropping on them. The loss of two all-pros — Jeris White, in a contract dispute, and Tony Peters, in a cocaine conviction — from last year's championship team hurt badly, but since mid-

season the unit has jelled remarkably. Rookie cornerback Darrell Green has become one of the best in the league.

In the passing game, the Redskins have a decided edge. This year's league MVP, Joe Theismann, will quarterback for the 'Skins; he has proven to be the versatile, durable QB every team covets. Raider signal caller Jim Plunkett, on the other hand, has been plagued by inconsistency; his tendency is to throw into tight coverage and be intercepted frequently. He is also not as mobile as Theismann, a factor which could leave him a sitting duck if the Redskins can generate a pass rush.

Ultimately, the outcome of Superbowl XVIII reduces to a few key factors. If Riggins can keep grinding out the yardage all game long, the Raiders have no chance, especially since Allen will in all probability be handcuffed. Look for Riggins to gain two to

three times as many yards as his counterpart in silver and black.

Should the Redskins' running game get bogged down, Theismann will take to the air, trying to isolate his running backs and tight ends against the Raider linebackers. Since the Raiders play strict man-to-man coverage, throwing short will loosen up the deep patterns, and permit speedster wide receivers Art Monk and Charlie Brown to haul in long touchdown bombs.

The Redskins could, of course, fall to strong passing by their opponents, as they almost did 10 days ago against the 49ers. But they have more ways to win football games than do the Raiders, and the only way for the Raiders to emerge as Superbowl victors is if Plunkett throws for four touchdowns; he is more likely to toss four interceptions.

The game will be close, but not particularly wild. Final score: Redskins 31, Raiders 24.

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