

New Cogen Power Plant to Deliver Increased Efficiency



The \$37-million cogeneration plant began operation Sept. 11.

By Dan McGuire

MIT's new cogeneration plant became operational Sept. 11 after two-and-a-half years of construction and upgrades. The new plant is an effort by MIT to economize its power generation and transfer facilities.

"The idea behind the whole project was to upgrade our plant and provide a more stable pricing structure," said Superintendent of Utilities Roger Moore.

The cost of construction of the \$37-million plant, which includes a campus-wide upgrade of building connections and a new gas main, will be paid for in six years, aided by savings from lower energy costs.

In cogeneration, the combustion exhaust gases created by electricity-producing turbines are then used to heat steam for other energy resources.

The plant will make a significant contribution for cleaner air, according to a Physical Plant report. It is 18 percent more efficient than generating electricity and steam independently.

The plant also has systems that reduce the emissions of sulfur dioxide, carbon monoxide, and other pollutants by 45 percent.

Much of the reduction comes from a switch in the fuel used. The previously oil-fired boilers will now run on gasoline. "Gas is a friendlier sort of fuel,"

Plant, Page 12

Finboard Funding Appeals Granted

By Venkatesh Satish
ASSOCIATE NEWS EDITOR

Fifteen student groups appealed their funding allocation Sunday in the final phase of the fall-term activity funding process.

Reasons for the appeals ranged from groups turning in late requests last term to organizations receiving little or no funds, said Undergraduate Association Finance Board Secretary Douglas K. Wyatt '96.

Appeals ranged from \$5,000 to \$10,000, but only \$2,400 total were granted, Light said.

The UA has a total annual budget of \$93,000, of which about \$44,000 was given to student organizations this term.

One reason groups have budget requests turned down in the initial compilation is the limited resources of the UA, Wyatt said. "We are nowhere near [being] able to allocate as much as groups need."

For the most part, funding was given to those groups who had submitted late requests, and not to those who were unhappy with their funding, Light said.

The groups that received recommendations with high monetary values included Students for the Exploration and Development of Space (\$550), Hindu Student Council (\$300), and Inline Skate Club (\$300).

Finboard will present its funding recommendations for those groups at the Sept. 27 UA Council meeting for final approval, Wyatt said. Most groups' fall-term funding was decided at the budget compilation meeting last May.

During the appeals process, stu-

dent groups must send representatives to meet with Finboard, Wyatt said. Groups usually do not send representatives during the initial budget compilations, he said.

The representatives are then asked to explain their group and defend their budget request to the members of Finboard, Wyatt said.

In order to decide the amount of funding groups will receive, Finboard considers the size of the group and the success of events the organization has held, Wyatt said.

"We look at how much they give to MIT," said Finboard member Matilda N. Kamiya '97. Finboard looks favorably upon both cultural and community service groups, she added.

Additionally, "the first term or two that a group is in existence, they are looked on with generosity" by Finboard, Wyatt said.

Finboard will hold a meeting again in late November to discuss funding recommendations for the spring term.

Top Appeals Grant Recipients

group	grant
SEDS	\$550
Hindu Student Council	\$300
Inline Skate Club	\$300
Alpha Phi Alpha	\$250
Marching Band	\$250
Musical Theatre Guild	\$250
Veg. Support Group	\$250
Camp. Crus. for Christ	\$200

SOURCE: UA FINANCE BOARD

Search for Libraries Director Continues

By Ramy A. Arnaout
EXECUTIVE EDITOR

More than three weeks after deadline, top administrators have yet to choose a replacement for outgoing Director of Libraries Jay K. Lucker. Lucker retired Aug. 31 after twenty years at the post.

Associate Director of Collection Services Carol Fleishauer and Associate Director for Public Services David S. Ferriero have since been named acting co-directors.

A search committee has submitted a short list of candidates to Provost Joel Moses PhD '57 and President Charles M. Vest, said Peter S. Donaldson, head of the lit-

erature section and chair of the committee. The committee had hoped the two would choose a new director by Sept. 1.

"Due to the busy travel schedule of Chuck Vest and myself, it has taken some time for us to interview people on the list," Moses said. "This process is continuing and I hope that we can announce the name of a new director shortly."

Moses would not give a more specific timetable; he also declined to say how many of the nine candidates considered over the summer were still under consideration for

Director, Page 12

GRE No Longer Offered at MIT; Simmons, Suffolk Nearest Options

By James M. Wahl

This fall, for the first time in several years, the Graduate Record Examination will not be offered on MIT's campus.

The Educational Testing Service which prepares and grades the graduate school entrance examination, eliminated the MIT site after it was unable to replace Registrar's Office Administrator Daniel T. Engelhardt, who retired after administering the test for the past 10 years.

For hundreds of MIT juniors and seniors taking the GREs, the closest test sites are now Simmons College and Suffolk University. Both are about 15 to 20 minutes from MIT.

These locations, however, fill quickly and students should register for the test as soon as possible, an ETS representative said.

The ETS, working with the Registrar's Office and the Graduate School, is still looking for any MIT staff member interested in administering the tests. "The only thing that is holding it [MIT's testing site] up is finding someone to take it on," said Registrar David S. Wiley '61. The Institute may be able to offer the test on the last available date this fall if someone is found in time.

Some students critical

Many students criticize MIT for not being a GRE test site, and feel

that MIT has an obligation to make the GREs convenient for students to take, especially when the tests are in high demand.

"It seriously surprises me. It bums me out," said Jeffrey D. Chapman '96, who took a computerized version of the GRE last spring and is considering taking the test again this fall. "You'd think that with all the students MIT has going to grad school, they could at least offer the test at MIT."

"I really don't see why [ETS and MIT] are having problems finding another administrator," John J. Rusnak, Jr. '97 said, adding that per-

GRE, Page 12



John M. Essigmann PhD '76 and his wife Ellen M. Essigmann PhD '80 are the new housemasters of New House.

New House, Random Find Housemasters

By Brett Altschul

Two dormitories, New House and Random Hall, received new housemasters this fall. The pair follows Burton-Conner House, MacGregor House, and Senior House, which received new housemasters this summer.

Professor of Chemistry John M. Essigmann PhD '76 and his wife Ellen M. Essigmann PhD '80 have taken the New House positions.

The Essigmans "enjoy being housemasters enormously," John said. "We have tried to attend as many of the house meetings and functions as possible," he said.

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WORLD & NATION

Kremlin to Focus on Terrorism

LOS ANGELES TIMES

MOSCOW

Elite paramilitary troops stormed a bus where gunmen were holding 18 people hostage in the volatile Caucasus on Thursday, freeing the captives, seizing the perpetrators and rectifying somewhat the bungling image of Russia's anti-terrorist forces.

But the tense, daylong standoff in the republic of Dagestan, and several fresh incidents of insurgency in neighboring Chechnya, have served to remind the Kremlin of its unresolved conflicts with the restlessness of Russia's southern fringes.

Now that a clash with Western nations over Bosnia policy has subsided with the suspension of NATO bombings, Russian domestic crises fed by independence movements and the government's attempts to quash them have again asserted themselves.

Federal authorities made no immediate connection between the hostage-taking in the Dagestani capital of Makhachkala and the rekindling tensions in Chechnya, but it fit into a pattern of terrorist acts that have racked the Caucasus region since Russian federal forces attacked Chechen rebels in December.

A day after an assassination attempt against President Boris N. Yeltsin's special envoy in the Chechen capital, Grozny, another suspicious explosion rocked the shattered city's oil refinery, and two Russian soldiers were taken captive by rebel gunmen, Russian media reported.

The series of incidents compelled Moscow to recognize that its July agreement with rebels loyal to Chechen President Dzhokhar M. Dudayev is at risk of collapse. Few of the military disengagement terms have been complied with, and the warring factions have made no progress since then on the more contentious political issues.

Congress Bucks Clinton on Cuba, Backs Him on Pakistan

LOS ANGELES TIMES

WASHINGTON

The House brushed aside the objections of the Clinton administration on Thursday and voted overwhelmingly to tighten the U.S. trade embargo against Cuba and slap secondary sanctions on countries that help Fidel Castro's regime.

Supporters of the legislation said it will hasten Castro's downfall by drying up Cuba's remaining sources of hard currency, despite Secretary of State Warren Christopher's warning that the measure will stifle U.S. efforts to foster peaceful change in Cuba and jeopardize U.S. interests around the world by requiring action against Russia and other countries that deal with Havana.

About the same time the House was moving to restrict the administration's ability to maneuver in its relations with Cuba, the Senate sought to give the president new latitude in its policy toward Pakistan by approving a White House request to ease the U.S. arms embargo on Pakistan.

Loan Plan Has Colleges Fuming

THE WASHINGTON POST

WASHINGTON

The year-long battle in Congress over federal student loans has intensified again, this time over a proposal in the Senate to have colleges and universities pay the government a fee based on how much loan money they get from students.

In a move that has enraged both the Education Department and higher education officials, Sen. Nancy Landon Kassebaum, R-Kan., the chairwoman of the Senate's Labor and Human Resources Committee, wants to require colleges and universities to pay an annual 2 percent charge on their volume of student loans. That will help achieve the \$10 billion in savings that Republicans want to cut from federal student loan programs in the next seven years.

Under Kassebaum's plan, a university that collects \$40 million in loan money from students each year would owe the federal government \$800,000 annually. Her proposal also forbids universities from paying for the charge by raising tuition and fees. She estimates that it will raise more than \$4 billion in seven years.

Kassebaum staunchly defended the idea Wednesday, saying it was "the only choice" Congress had if it intends to balance the federal budget partly with cuts in college student aid.

WEATHER

Farewell to Summer

By Marek Zebrowski

STAFF METEOROLOGIST

A small low pressure system will intensify and quickly move along an approaching cold front on Friday, causing scattered showers and possibly an isolated rumble of thunder, especially to our west. As this system sails into southern Quebec, the cold front will push through our area before dawn on Saturday. However, no immediate clearing in its wake shall take place: Low-level leftover moisture and colder, unstable air aloft indicate a cloudy and cooler start to our fall season, which begins this Saturday. High pressure centered over western Pennsylvania should give us a fair and crisp Sunday; another storm developing off the Carolina capes will threaten us with rain, reaching the easternmost sections of our state early next week.

Today: Cloudy and mild with showers developing. High 76°F (25°C) with fresh southerly breezes

Tonight: Showers and some steadier rain, gradually tapering after midnight. Low near 60°F (15°C)

Saturday: Mostly cloudy with a threat of a stray shower early, then breaks in the overcast sky developing throughout the afternoon. Morning highs in the low to mid 60s (16-18°C) will fall into the high 50s (13-15°C) before dark. Moderate northwesterly winds.

Saturday Night: Fair and cooler, low near 46°F (8°C)

Sunday: Partly to mostly sunny with highs in the low 60s (16-18°C) and lows in mid to upper 40s (6-9°C).

Report Documents Rising Debt of College Students

By Rene Sanchez

THE WASHINGTON POST

WASHINGTON

College students and their families are in debt more than ever before. To pay for tuition they are relying on more loans, bigger loans, and borrowing at a rate that far exceeds the pace in which college costs and personal income are growing nationally.

Those are the central conclusions of a report, to be released Friday, that draws a stark portrait of how difficult it is becoming across the nation for many students and their families to afford college.

The report documents the explosion in student borrowing that has occurred in the past five years, a fact that has been a key part of debate in Congress this year over the future of federally backed student loans. It also details rising anxiety among middle-income families who fear that college could soon be either "out of reach" financially or have a strangling influence on their household income.

"This is something we all ought to be very concerned about," said Ted Freeman, the president of the Education Resources Institute, a Boston-based nonprofit group. "This is a staggering issue for many families, and indications are it's only going to get worse."

An unprecedented number of college students now rely on loans to help pay their tuition. About 6.5 million students, nearly half of the nation's college enrollment, have loans and borrowing has reached a record level of \$23.8 billion.

The report shows that since 1990 student borrowing has grown

an average of 22 percent each year — a rate that is four times greater than the rate at which personal income has been growing nationally each year. Since 1990, college students have borrowed as much money as they did in the past three decades combined, the report states.

The extraordinary rise in students using loans has occurred even as increases in college tuition, which were steep and unpredictable at many universities in the 1980s, have leveled off and become steadier in recent years.

But under changes that Congress made several years ago more families are now eligible for college loans and can borrow more. That accounts for some of the surge in student loans, the report and other higher education specialists say. But they also contend that many families now have few other choices but to take loans because other forms of university and federal aid, such as grants or work-study programs, are not keeping pace with tuition increases.

At George Washington University here, for example, the student loan volume has increased by 37 percent in just the last few years. And as is the case at many other universities, officials there say they are worried about whether the new wave of students and families relying on loans will have the economic means to pay them back.

"I think more and more people are deciding that loans are the only option that they really have to afford college," said Dan Small, the director of George Washington's student financial assistance office. "It's

something we're all very concerned about."

According to the report, the growth in loan debts has been most extensive at public colleges and among minority students. Since 1990, the average debt for undergraduates at public four-year institutions increased by 13 percent, and grew by 2 percent for students at private four-year colleges. Minority student debt levels have increased by 19 percent since 1990, as compared to 9 percent for white students, the report states.

These changes have been a central part of an intense debate in Congress all year about the future of federal student loan and tuition aid programs. As part of their plan to balance the federal budget by 2002, Republican leaders are calling for more than \$10 billion in cuts in student aid over the next seven years. But Democrats have argued that the magnitude of that proposal could do great harm to middle-class access to college.

"Congress is in the process of magnifying this problem," said Terry W. Hartle, a vice president of the American Council on Education, which represents more than 1,500 colleges and universities.

But skeptics in Congress and elsewhere suggest that the cuts would not impose a great burden on many students if college and universities were taking more steps to hold their costs down. Some also contend that increases in student aid only encourage colleges to continue raising their prices, a point that higher education leaders adamantly dispute.

UN Efforts Will Bring Gas And Electricity to Sarajevo

By Daniel Williams

THE WASHINGTON POST

SARAJEVO

Limited supplies of electricity and natural gas will be restored to Sarajevo within two weeks in another step loosening the Serb siege of the city, U.N. officials said Thursday.

Representatives of the Muslim-led Bosnian government and Serb rebels met this week to work out the agreement on power supplies. The utilities will be restored to levels that prevailed last April, the last time the Serbs let power and gas flow into the Bosnian capital, the U.N. officials explained.

If repairs to damaged pipelines and wires go as planned, home heating and cooking gas will begin to be available here within five days. Electricity may flow for at least a few hours a day within two weeks to all parts of the city, which is divided between Bosnian government and separatist Serb sectors.

The restoration of electric power also would mean that water from the Serb-controlled main reservoir can be pumped into the city, reducing the need for delivery by tank trucks and distribution by canisters that must be hand-carried over Sarajevo's hilly terrain.

"Sarajevo is not yet an open city," said John Fawcett, a U.N. reconstruction official. "But there is a political agreement on gas and electricity."

The announcement came on the heels of the withdrawal of about 250 Serb heavy weapons from the hills around Sarajevo. Few shells have been fired into the city during the

past three weeks, as the Serbs appeared cowed by NATO airstrikes on military installations and bridges.

U.N. officials gave a final breakdown of the weaponry pulled out of a NATO exclusion zone covering territory within 12.5 miles of the city center. The list included 55 tanks, with another 10 reported to be out of commission but still in place; 105 mortars of 82mm and above; six anti-aircraft weapons and 69 artillery pieces.

The total fell below previous estimates of the amount of heavy weaponry within range of the city — more than 300. The difference has to do with the calibers of mortar permitted to stay under an agreement worked out with the Serbs by Assistant Secretary of State Richard C. Holbrooke. Mortars under 82mm were allowed, as well as some anti-aircraft guns the Serbs contended were necessary to protect their areas.

Those weapons can still terrorize civilians, and NATO and the United Nations have threatened to lash out with artillery or airstrikes if firing resumes. "We'll see if we were taken for a ride," said U.N. spokesman Chris Gunness.

The Serbs have opened gas and limited electrical supplies in the past, including last winter. Such moves benefit the population in parts of the city under their control as well as the majority living under the Muslim-led government.

Gas reaches many individual apartments here through jury-rigged rubber piping. Winter is a roulette wheel of accidents, as the odorless gas escapes into homes whenever pilot lights go out due to uneven

supplies. When the flow resumes, the gas builds up, someone lights a flame, and kaboom.

Natural gas arrives in Sarajevo through a pipeline running from Hungary through Serb-controlled territory; the gas itself is supplied by Russia. U.N. officials are trying to negotiate with Russia to resume the flow, cut off by Moscow because the suppliers are owed \$100 million in back payments for previous winters.

Despite the recent relaxation of the siege, some of its elements remain in place. Sarajevans still cannot travel in and out of the city easily. Three roads opened by the Serbs recently are only for the use of U.N. relief and military escorts. Flights into the newly reopened airport are also limited to U.N. use.

Roads for civilian use would ease the city's supply of coal and logs for heating, as well as other commerce. In the past, the Serbs have prohibited the United Nations from bringing in logs for fireplaces, as well as sheeting to help keep heat in homes with shell holes.

A treacherous, unpaved road over Mount Igman, southwest of the city, is currently the only land route open to civilians. It is both slippery and vulnerable to sniper fire.

While Sarajevo is regaining a semblance of normalcy, little has changed in the isolated east Bosnian town of Gorazde, which also is supposed to be under NATO and U.N. protection. Relief convoys into the town still face Serb delays and harassment en route. Utilities and other services are still a distant dream.

Medicare Plan Includes HMO, Payment Control Provisions

By Robert A. Rosenblatt and Edwin Chen
LOS ANGELES TIMES

WASHINGTON

House Republicans issued a general blueprint Thursday calling for expanded choices for beneficiaries, combined with tough government controls on payments to health providers.

The GOP outline expressed confidence that millions of Medicare beneficiaries will save government revenues by moving into health maintenance organizations and other forms of managed care.

But the 60-page document did not offer dollar figures on how much of the \$270 billion goal would come from managed care savings, and how much would be provided

through higher payments by the beneficiaries themselves.

In a bid to blunt Democratic criticism that the savings will hurt senior citizens, Gingrich said Medicare's total spending would rise every year under the GOP plan.

Democrats say the \$270 billion in savings is far in excess of the amount needed to guarantee the solvency of the Medicare in the short-run, and they accuse Republicans of seeking money to finance tax cuts targeted heavily toward the rich.

The leading provisions of the GOP plan would:

—Offer all beneficiaries a once-a-year selection from among several government-approved plans, including HMOs, or other networks of doctors and hospitals, or special

Medical Savings Accounts.

—Beneficiaries who select none of those choices would remain in the current fee-for-service system, which allows them to select any doctor or hospital.

—Increase the monthly Part B premium paid by all beneficiaries for doctor services, now \$46.10, to approximately \$90 in 2002.

—Impose "means testing" on seniors making more than \$75,000 a year, or couples with more than \$125,000, and require them to pay more their part B coverage.

—Impose a limit of \$250,000 for "pain and suffering," in addition to economic damages, for those who win malpractice suits. Claims would have to be filed no more than two years after the incident.

Officer of Cali Cartel Surrenders, Will Inform U.S. about Operations

By Pierre Thomas and Thomas W. Lippman
THE WASHINGTON POST

WASHINGTON

The man believed to be the Cali cocaine cartel's chief administrative officer has surrendered to U.S. law enforcement officials, and authorities say he has agreed to provide detailed information about the cartel's inner workings and alleged payoffs at the highest levels of the Colombian government.

After days of secret negotiations with the Drug Enforcement Administration, Guillermo Pallomari-Gonzalez recently flew commercially into an undisclosed U.S. airport, turned himself over to federal authorities and immediately was

placed in protective custody. He had been indicted this summer along with a select group of American lawyers who have represented the cartel's financial interests in the United States and abroad.

"He may turn out to be the biggest witness of international drug trafficking that we've ever had," one senior administration official said. "He was the chief administrator, a man with knowledge of the routes, codes. ... He knows everything about the operation."

Pallomari-Gonzalez is expected by officials to offer detailed information about the cartel's cocaine trafficking and money-laundering operations in the U.S. and Mexico. He could provide details about Cali

cartel security and communications, as well as bribes and payments to high-ranking Colombian officials, the source said. Further, U.S. authorities hope Pallomari-Gonzalez can help resolve allegations that Colombian President Ernesto Samper's 1994 election campaign received millions from the cartel.

There was little mystery about Pallomari-Gonzalez's motive for surrendering in the United States: With his cartel bosses already under arrest in Colombia, he faced imprisonment and would be "revolver bait" in a Colombian cell, a State Department official said. In this country, by fully cooperating with prosecutors, he possibly can negotiate a sentence of 10 years in prison, this official said.

Births to Teenagers Down, Rates for Unwed Women Level

THE WASHINGTON POST

WASHINGTON

The federal government reported Thursday that births to teenage girls have declined, and childbearing rates among unmarried women have leveled after rising steadily for 50 years, interrupting social trends that have redefined the American family and contributed to the recent clamor for a tougher welfare system.

"Any sign those patterns are reversing is very encouraging," said Stephanie Ventura, a demographer at the National Center for Health Statistics, a research arm of the CDC.

At the same time, Ventura and others emphasized that teenage childbearing and out-of-wedlock births remain at historically high levels and that it is too early to say whether long-term increases are reversing.

"Although these findings are encouraging, we clearly still need to do more to reduce teen pregnancy," Health and Human Services Secretary Donna E. Shalala said in a statement.

The statistics come as Congress and the administration are trying to overhaul the nation's welfare system, a process fueled for many politicians by the belief that welfare has contributed to the increase both in childbearing among teenagers and unmarried births generally.

That argument, and the question of whether out-of-wedlock births can be reduced by changing social policy, has been contentious throughout the welfare debate.

Government-Wide Shutdown Irks, Frightens Civil Servants

THE WASHINGTON POST

WASHINGTON

The possibility of a government-wide shutdown, with a skeleton-crew manning essential services, both irks and frightens civil servants caught in the Congress vs. White House budget battle. Now, there is the possibility of class warfare in the bureaucracy — between essential and non-essential workers — because it appears the skeleton crew could turn out to be rather fleshy.

Until now, the furlough question, from the federal workers' viewpoint, has been mostly economic. How to make ends meet if the paycheck stops? Now, the potential for ego damage is added to the stew because it seems the stay-at-home crew will be in the minority.

If the president and Congress fail to agree on a federal budget by Oct. 1, or fail to pass a stop-gap funding bill, all "non-essential" employees would be placed on unpaid furlough, while workers "essential" to health, safety and national defense would keep working.

After studying agency data, the Office of Management and Budget has concluded there are more essential federal workers than non-essential.

The Committee on Campus Race Relations announces the next round of the



Proposals are now being accepted for projects aimed at enhancing racial and cultural relations in the MIT community. All members of the community -- students, faculty, staff -- are encouraged to apply.

Deadline for proposals:
OCTOBER 15, 1995

For applications and more information, please call Ayida Mthembu (3-4861) or Liz Connors (3-5882) or drop by room 3-234.

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OPINION

ROTC Action Appropriate Now

Next month, the administration working group on ROTC ends its unremarkable five-year tenure. The last half-decade has seen little action by the group and a similar lack of motion on changes in the program's anti-homosexual policy — "don't ask, don't tell" violates the Institute's own non-discrimination policy as much as the old government rules did.

Editorial

The "working" group deserves special criticism for its failure to do much of anything. Surveys, meetings, policy endorsements, and advertisements hardly qualify as legitimate efforts to effect a policy change. All too often has the provost reported on the "little progress" of the group at annual faculty meetings.

The end of the working group is the right time for the Institute to take decisive and conclusive action on the ROTC issue. Simply put, if a program violates the Institute's discrimination policies, as ROTC does and will continue to do for the foreseeable future, then it has no further place on this campus. MIT should not accept the discrepancy between its high-minded ideals and its practical desire to keep ROTC on campus. Administrators are right not to link threatened funding cuts to the ROTC decision; not because they are unrelated (because they are, in the Solomon Amendment, for example) but because they ought not to be.

By ending its support of ROTC, MIT would be taking a positive action to influence the federal government. Our leaders have to face the

fact that our armed forces continue to require intelligent and well-trained officers. Without the support of top science and technology institutions such as MIT, the armed forces' mission will suffer. By letting its actions speak for themselves, MIT will exert pressure on our leaders in Congress and the Pentagon to bite the political bullet and scrap the current, discriminatory policies.

While we feel MIT should plan to end its ROTC program, we acknowledge the program has its benefits. Especially important are the funds MIT students receive in the form of ROTC scholarships. MIT should be prepared to buffer the repercussions of expelling ROTC, and offer matching scholarships to students hit mid-way through their academic career. And, when the offending policies are reversed or removed, the Institute would be well-served to consider re-establishing a ROTC presence.

But for now, MIT should cut its affiliation with ROTC. Such a move would undoubtedly be hard on some students, but this is one instance where MIT has no choice but to do what is right. The symbolic implications of such an action would be deep, and would reaffirm the Institute's democratic values.

The time for petition-signing and hand-wringing will pass with the end of the working group next month. Then, the administration must act with the force of its convictions, or risk forfeiting those convictions forever. Unless ROTC abandons its policy against homosexuals, it has no place on this campus.



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The Tech (ISSN 0148-9607) is published on Tuesdays and Fridays during the academic year (except during MIT vacations), Wednesdays during January and monthly during the summer for \$20.00 per year. Third Class by *The Tech*, Room W20-483, 84 Massachusetts Ave., Cambridge, Mass. 02139-7029. Third Class postage paid at Boston, Mass. Non-profit Organization Permit No. 59720. **POSTMASTER:** Please send all address changes to our mailing address: *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029. Telephone: (617) 253-1541, editorial; (617) 258-8324, business; (617) 258-8226, facsimile. Advertising, subscription, and typesetting rates available. Entire contents © 1995 *The Tech*. Printed on recycled paper by MassWeb Printing Co.

Letters To The Editor

Graduate Housing Lottery Has Serious Deficiencies

The Tech received a copy of this letter addressed to Manager of Graduate Housing Linda Patton:

This letter is intended to politely and respectfully register a serious complaint with the Graduate Housing Office. Specifically, I target the results of the March lottery. Not only were the results late in arriving and insufficiently posted, but, more importantly, students' concerns were not followed up on

and settled properly. Certainly there were more available rooms than lottery participants, yet many of the lotteried students, including myself, were so frustrated by the slow response that they abandoned the process to find housing elsewhere.

It is a disgrace that student information for graduate housing is not computerized at MIT. The archaic card system means that the sorting and offering of rooms is done by hand, with a lot of errors and delay.

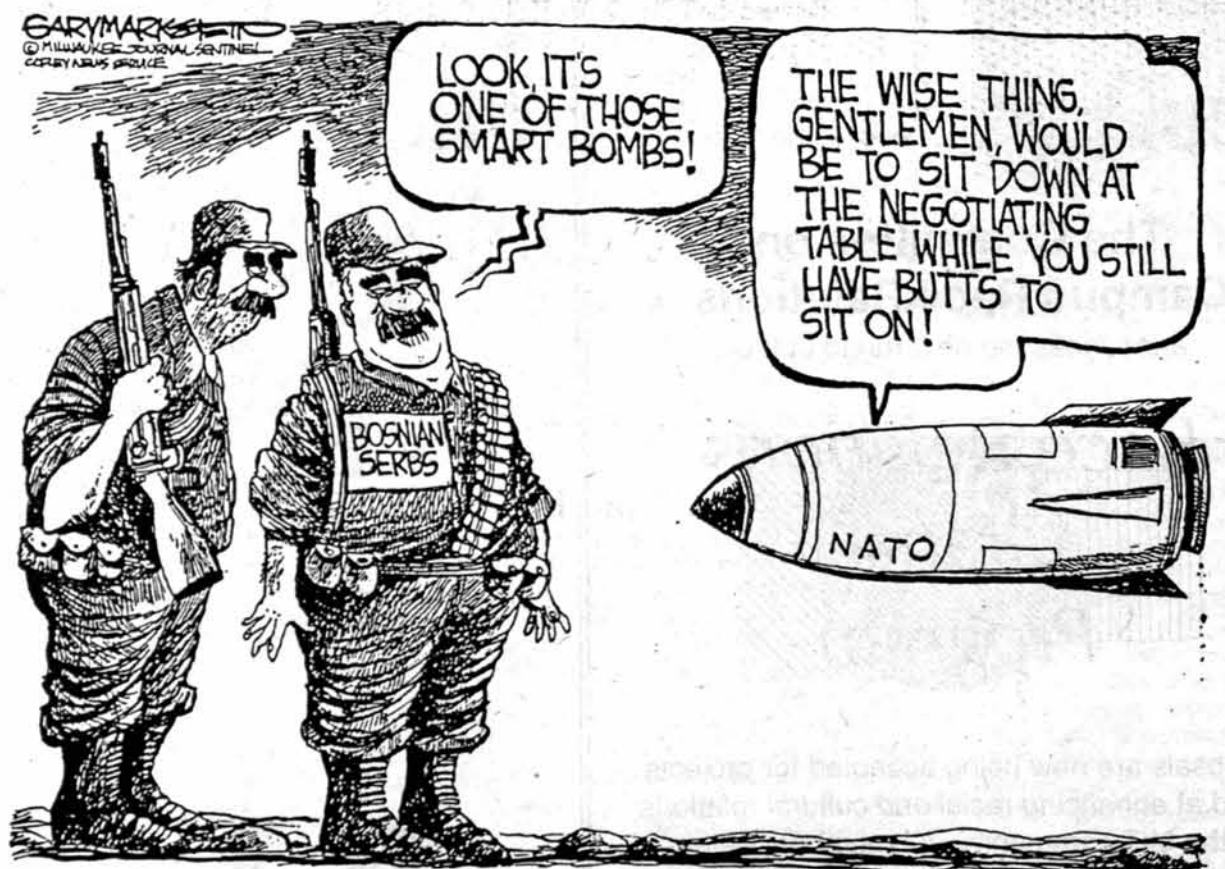
I participated in the lottery and waited for a room assignment in good faith. After repeated phone calls to the office over five months, however, I finally abandoned hope that I would get a room for September. On August

17, two days after my dormitory lease expired, I was finally told that, even though I had participated in the lottery, I would likely not get a room.

This is pathetic and a waste of Institute resources. Shouldn't a better, more efficient system be implemented? Shouldn't graduate students get the same level of service and satisfaction that undergraduates get? At least, then, this travesty of a lottery should not be repeated for the incoming graduate class.

I hope that some reform might come about after clear reflection on the deficiencies of the current system.

Teresa A. Marrin G



Opinion Policy

Editorials, printed in a distinctive format, are the official opinion of *The Tech*. They are written by the editorial board, which consists of the chairman, editor in chief, managing editor, executive editor, news editors, and opinion editors.

Dissents, marked as such and printed in a distinctive format, are the opinions of the signed members of the editorial board choosing to publish their disagreement with the editorial.

Columns and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper.

Letters to the editor are welcome. They must be typed, double-spaced and addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or by interdepartmental mail to Room W20-483. Electronic submissions in plain text format may be mailed to letters@the-tech.mit.edu. All submissions are due by 4:30 p.m. two days before the date of publication.

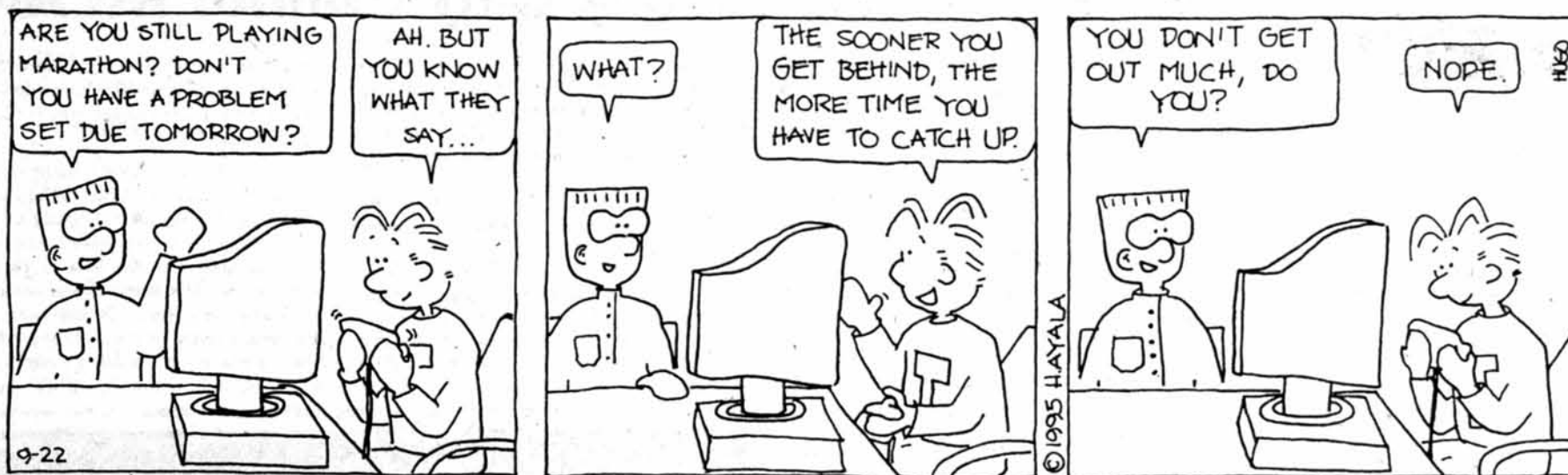
Letters and cartoons must bear the author's signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without the express prior approval of *The Tech*. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. We regret we cannot publish all of the letters we receive.

To Reach Us

The Tech's telephone number is (617) 253-1541. Electronic mail is the easiest way to reach any member of our staff. Mail to specific departments may be sent to the following addresses on the Internet: ads@the-tech.mit.edu, news@the-tech.mit.edu, sports@the-tech.mit.edu, arts@the-tech.mit.edu, photo@the-tech.mit.edu, circ@the-tech.mit.edu (circulation department). For other matters, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person.

Off Course

By H. Ayala



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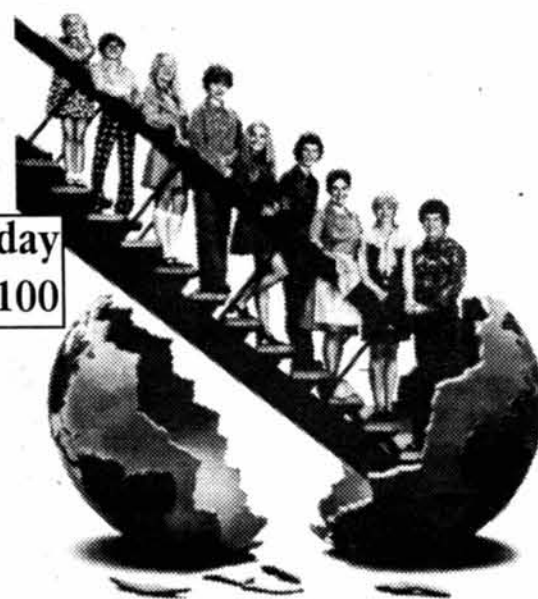
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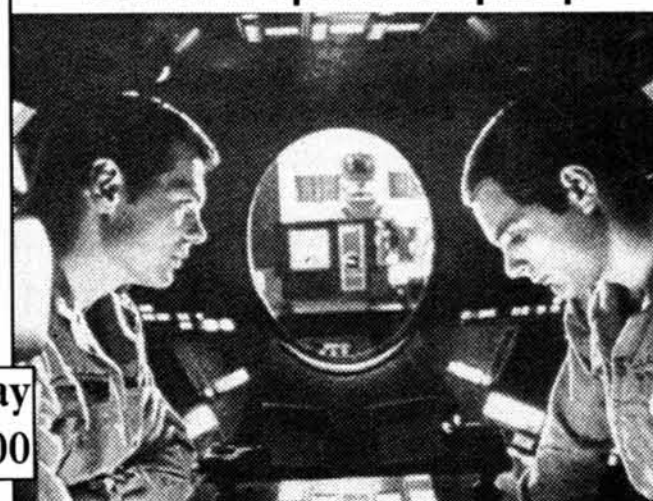
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6:30 pm in 10-250

Sunday

7&10 pm in 26-100

THE ARTS

Verhoeven's lurid *Showgirls* may only titillate MPAA

SHOWGIRLS

Directed by Paul Verhoeven.

Written by Joe Eszterhas.

Starring Elizabeth Berkley, Kyle MacLachlan, and Gina Gershon.

Sony Cheri.

By Scott Deskin

CHAIRMAN

Paul Verhoeven is a master of cinematic exploitation. The Dutch-born director seems to run into controversy with the Motion Picture Association of America every time he releases a new film: All of his releases in the United States were taken back to the editing room to be recut for an R rating. The MPAA ratings board has good reason to be wary of his films, which are filled to capacity with graphic (and sometimes cartoonish) depictions of sex and violence.

That's not to say that his films are all trash. Verhoeven knows the value of a risqué scene or a shock-filled gorefest, especially when the subject matter is laced with lots of tongue-in-cheek humor. In *Robocop*, Verhoeven took an imaginative science-fiction plot and infused a no-holds-barred visual style that didn't bother to avoid social roadblocks, but simply blew them away. *Total Recall* stretched the sci-fi/fantasy envelope even further, and enabled Verhoeven to use even more money to bring his shocking visions to life. However, Arnold Schwarzenegger's lead performance was less expressive than Peter Weller's robot in *Robocop*, and pushed the mutant aesthetic (radiation-deformed victims on a Martian colony) to unpleasant extremes.

Verhoeven's most notorious film, *Basic Instinct*, was a taut, stylish, and grossly-manipulative monstrosity of a neo-noir crime flick. Michael Douglas and Sharon Stone combined for one of the least charismatic couples in recent memory, and the script opted for cheap thrills and unbelievable twists of fate that played like bad Brian DePalma. What's worse, Verhoeven seemed to finally succumb to the pitfalls of genre-filmmaking:

The problem with testing the audience's tolerance for sex and violence each time out is that you run the risk of alienating your audience entirely. Yet, like Verhoeven's previous two films, it also made loads of money.

Now he offers the movie-going public *Showgirls*, a reputed look inside the seedy world of Las Vegas show dancing. The most inspired thing about the film is casting kid-sitcom refugee Elizabeth Berkley as Nomi, a young woman with a sketchy past who looks to make it big in Vegas as a dancer. It's not long before she's stranded in Sin City without knowing anyone. At this point, a stranger named Molly (Gina Ravera) takes her in: We learn later on, conveniently, that she's a dress designer for dancers at the Stardust hotel.

Before she makes her big break, Nomi must earn her keep by working as an erotic dancer at topless bar. With Molly's help, it's not long before she gets noticed by some of the folks at the Stardust: both star dancer Cristal Connors (Gina Gershon) and entertainment director Zack Carey (Kyle MacLachlan) have an interest in Nomi that goes beyond professional boundaries. Thus, Nomi must endure some embarrassing trials in her quest to become a showgirl at the Stardust by fighting off Cristal's personal scorn while courting Zack's confidence so she may climb the entertainment ladder.

There are practically no likeable characters in *Showgirls*. Everyone has crude sexual or ambitious motives at heart. Essentially, the plot is a modern rewrite of *All About Eve*, another film in which a young woman schemes her way to the top as she fixes her eyes on the role of an aging theater actress. But *Showgirls* (written by *Basic Instinct*'s Joe Eszterhas) doesn't merit comparison to that film in any other way. Aside from unattractive characters and garish production design, the dialogue is laughably awful. In the film's one truly sentimental moment, Nomi's strip club manager (Robert Davi) comes to the Stardust to congratulate her on her success, but also to convey his feelings of loss over one of his

best employees. When he says, "It must be weird not having somebody come all over you" (coincidentally, the best one-liner in the film), you know that Eszterhas is plumbing new depths to endear his characters to the audience.

Verhoeven has repeatedly justified the extremes of violence in his filmmaking, pointing to his childhood in Nazi-occupied Holland during World War II as his artistic impetus. *Showgirls* is supposedly his tribute to Hollywood musicals, and its abundance of dance numbers are all executed with flash and style — as much as the sexual explicit nature of the situations will allow, that is. But this rags-to-riches story has been done better many times

before. An absence of cultural relevance mars the film and could actually have one yearning for an encore viewing of *Saturday Night Fever* instead.

Verhoeven's *Showgirls* is unlikely to cause a sustained frenzy of interest in show dancing, or even lap dancing for that matter. Of course, there will be initial box office interest from those intrigued with the director, the NC-17 rating, or the deflowered ex-star of *Saved by the Bell* herself. But soft-core pornography and banal storytelling don't make a great film. I have a few words for Verhoeven: Tantalize and shock us if you must, but for *your* sake, don't bore us to death.



What *Showgirls* lacks in dialogue, plot, and acting, it tries to make up for by titillating the audience. Here, Nomi Malone (Elizabeth Berkley) demonstrates her onstage talents as an exotic dancer.

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BOSTON • LONDON • TOKYO

Strange drama and great visuals give depth to *Clockers*

CLOCKERS
Directed by Spike Lee.
Written by Richard Price and Spike Lee.
Starring Harvey Keitel, John Turturro, Delroy Lindo, and Mekhi Phifer.
Sony Fresh Pond Theater

By David V. Rodriguez

A good storyteller must find a balance between realism and drama — too much realism leads to boredom, but too much drama may make a story unbelievable. In his latest movie, *Clockers*, Spike Lee leans towards drama and it pays off nicely. Some slightly unbelievable scenes may result, but the story and characters are interesting enough to more than compensate. The story revolves around Swift, a small-

time drug dealer who sells from the benches of his housing project. He has been living this life for some time and it begins to take its toll on him: his ulcer is the most obvious effect. He wants desperately to get off the benches — enough so that when his boss Rodney offers him a promotion for murder, Swift accepts.

But we soon see that Swift has no taste for killing. On the evening before the killing, Swift tries to convince his brother Victor to do the killing. Soon the man is dead, and we don't know who the killer is.

Police officer Rocco, played by Harvey Keitel, is assigned to the case just in time to hear Victor confess to the murder. But Rocco, who refuses to believe Victor is the killer, sees him as one of the good ones. Victor doesn't deal drugs or have any history of

crime; plus, he works two jobs to support his family. Rocco interviews all of the people he worked with, and they all say great things about him. He finds it inconceivable that Victor would kill someone.

Rocco comes to believe the real killer is Swift, and that Victor is willing to take the blame in hopes of receiving a light punishment. He has no evidence of Swift's guilt, but hopes that if he stays in Swift's face he will eventually make a mistake to reveal himself, unable to let his brother go to jail.

Most of the first 45 minutes is spent creating the characters and giving them depth, largely by putting them into conversations in where they can show their good side. This becomes a mixed bag: we learn more about the characters, but these conversations often seem artificial and show up at unexpected and

often unmotivated times. Lee succeeds in pumping up his characters, but often too much so; by introducing each character as an honorable person the movie loses credibility.

If the movie may at first appear to be Lee's defense of criminal lifestyle, this weakness is quickly fixed. As we learn more about each character, we discover that the movie is not a complete defense.

Clockers certainly does look like a Spike Lee movie — his characteristic cinematography is the most obvious feature. Viewers may think this makes his movies look like music videos, but it would be more accurate to say that music videos try to look like Spike Lee films. *Clockers* is definitely a beautiful looking film, and this is reason enough to see it in the theatre.

ON THE SCREEN

— BY THE TECH ARTS STAFF —

- ★★★★: Excellent
- ★★★: Good
- ★★: Average
- ★: Poor

★★★ Babe

Babe is about a talking pig. The pig can't talk to humans, and you: The story is told primarily from the perspective of farm animals who converse in English. The pig is named Babe, and once he begins life on a rural farm, he finds he must overcome human and animal prejudice with his charm and resourcefulness, lest he end up the main course for Christmas dinner. It's a familiar fable, one whose moral could be "Don't judge a book by its cover." The best thing about the film is the impressive use of animatronics for the talking animals: Moreover, the film wins points by recapitulating social themes like communication and prejudice with a facile touch that never gets heavy-handed. Although adults will enjoy the film, *Babe* is more of a kids' movie. —Scott Deskin. *Sony Copley Place.*

★★★ Braveheart

Mel Gibson's *Braveheart* is a curious combination of historical legend and modern dramatic techniques woven together into a tapestry of connected stories. With the plot based loosely on Scotland's real-life struggle for independence from England and the screenplay straight from modern Hollywood, the three-hour show reminds one more of *Lethal Weapon* than *Rob Roy*. A Scottish commoner, William Wallace (Mel Gibson) returns to his native land after an education in continental Europe with his uncle. His domestic bliss with a childhood sweetheart is shattered when British lords kill his beloved wife; in response, Wallace leads friends and clansmen in an assault on British forts and charges toward the English border. *Braveheart* increases its appeal by contrasting

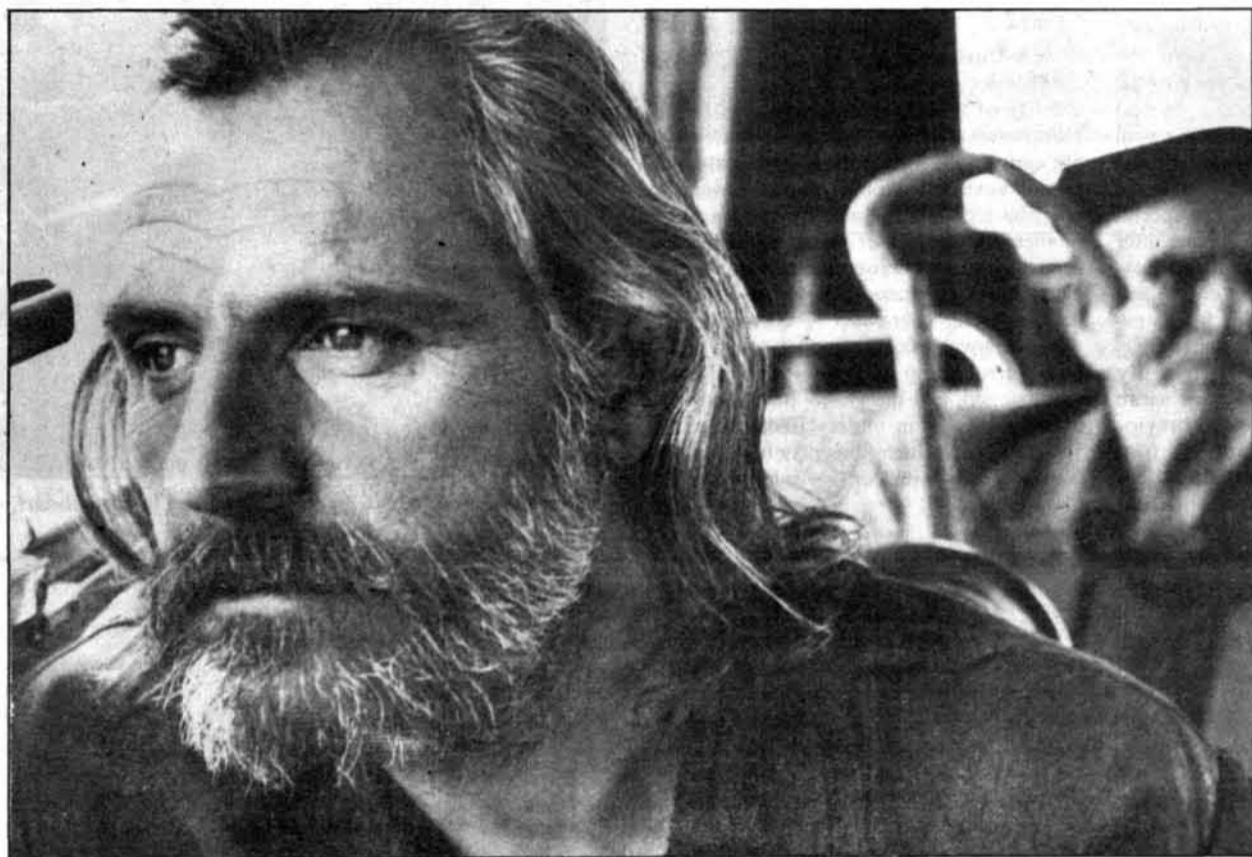
these highland goings-on with portrayals of British royalty, especially the powerful, evil King Edward I (Patrick McGoohan) The queen-to-be, Princess Isabelle (Sophie Marceau), is bored with her marriage to the

shooting holes in the leading lady. Because the movie is about war, its violent content is to be expected; but Manchevski's move to switch the emphasis from a mute monk to a Pulitzer Prize-winning photographer without

surprisingly convincing as Florence Henderson's concerned, loving mother Carol, and Gary Cole emulates Robert Reed's Mike Brady, often giving confusing lectures that the children accept as gospel. The film is enlivened by several cameo appearances, from Michael McKean as the Bradys' scheming next-door neighbor to RuPaul as Jan's high school counselor; the Monkees (Mickey Dolenz, Peter Tork, and Davy Jones) also turn up. Yet the funniest scenes are either parodies of the source material, to campy send-ups of the Brady mystique, as seen in a singing parade around a Sears store. The film crumbles under any critical analysis, but is an unqualified success, especially when compared to the likes of *The Beverly Hillbillies* and *Coneheads*. —Rob Wagner. *LSC, Saturday.*

★★★ Desperado

Former indie-whiz-kid-turned-Hollywood-darling Robert Rodriguez delivers the goods in this tongue-in-cheek rewrite of Sergio Leone and Sam Peckinpah westerns. Armed with a budget a thousand times greater than his debut feature *El Mariachi*, Rodriguez casts Antonio Banderas as a brooding man with no name who slays entire bars of hostile characters in search of a Mexican druglord (Joaquim de Almeida) who killed his woman and maimed his hand in the first film. Objectively, the story is weak and offers little pretense for Rodriguez's bloody, over-the-top action scenes. But in spite of the film's loose ends and rough plot edges, the supporting performers (Steve Buscemi, Cheech Marin, and Salma Hayek as Banderas' love interest) are memorable, if not charming. Time will tell if we have another Quentin Tarantino in our midst. —SD. *Sony Cheri.*



Rade Serbedzija plays a world-weary photojournalist in *Before the Rain*.

king's homosexual son and becomes infatuated with Wallace in a distracting subplot. The battle scenes in *Braveheart* may be gruesome and a bit extreme, but the film as a whole is immensely satisfying. —Teresa Esser. *Sony Cheri.*

★★★★ Before the Rain

This movie tries too hard to be everything to everyone. While director Milcho Manchevski scores big by beginning his movie in a Dostoyevski-era Russian Orthodox cathedral, he ultimately teases the audience by beginning an innocent love story and then

finishing his original story could be construed as sneaky. However, the film is filled with stunning images, with an intricate structure that ties three separate stories together under an artistic exploration of life and death. If you like artsy political statements, this film's for you. —TE. *LSC, Friday.*

★★★ The Brady Bunch Movie

The film version of the (in)famous sitcom avoids the mistake of the TV-reunion movie, *A Very Brady Christmas*, by recasting the entire Brady family and by playing on '70s nostalgia in a '90s setting. Shelley Long is

ters in search of a Mexican druglord (Joaquim de Almeida) who killed his woman and maimed his hand in the first film. Objectively, the story is weak and offers little pretense for Rodriguez's bloody, over-the-top action scenes. But in spite of the film's loose ends and rough plot edges, the supporting performers (Steve Buscemi, Cheech Marin, and Salma Hayek as Banderas' love interest) are memorable, if not charming. Time will tell if we have another Quentin Tarantino in our midst. —SD. *Sony Cheri.*

On The Screen, Page 8

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Don't wait till they have come and gone!

Singing, acting still have charm in *My Fair Lady*

MY FAIR LADY

Directed by George Cukor.

Written by Alan Lerner and Frederick Lowe.

Starring Rex Harrison and Audrey Hepburn.

LSC Classics Friday.

10-250, 6:30 p.m.

By Stephen Brophy

STAFF REPORTER

You might have noticed that this Fall's LSC Classics schedule is a little top-heavy with musicals. The first of four will be screened this evening. *My Fair Lady* is a pretty typical example of that genre, and of the frequent Hollywood practice of mishandling a property developed in another field of art. Nevertheless, it won 8 Academy Awards in 1964, and it still has some pretty excellent songs.

My Fair Lady's first incarnation was in the

form of a play written by George Bernard Shaw, based on the old Greek myth of Pygmalion and Galatea. This myth relates the story of a sculptor who created such a beautiful statue that he fell in love with it, and prayed to the gods to bring it to life. Shaw updated the story to late 19th-century London, and turned it into the saga of a linguist who attempts to turn a cockney flower seller into a lady by teaching her to use better diction.

Shaw's play was turned into a very successful London and Broadway musical by Alan Jay Lerner and Frederick Loewe (*Gigi*, *Camelot*, *Brigadoon*) that brought it to the attention of Harry Warner. He paid \$5 million for the property and decided to spend as much as \$20 million to film it. That's not much now, but in 1964 that budget seemed as big as *Waterworld's*. He hired veteran director George Cukor (*Dinner at Eight*, *The Philadelphia Story*, *Pat and Mike*, *Born Yesterday*) and

got Cecil Beaton to agree to be art director and costume designer. But, to protect his investment, he tried to substitute Hollywood faces for the stars who had brought it to life on the stage — Rex Harrison and Julie Andrews.

Warner's friends finally convinced him that he would be mad to use anyone other than Rex Harrison for the role of Henry Higgins, but he would not relent in his opinion that Julie Andrews did not have enough name recognition with the American public. Instead he chose to use perky Audrey Hepburn as Eliza Doolittle. But since she couldn't really sing, she had to lip-sync to the voice of Marni Nixon, whose faceless singing popped up in a lot of movie musicals around this time. Andrews won the best actress Oscar that same year, for *Mary Poppins*; Hepburn wasn't even nominated.

Despite all the usual Hollywood bungling, *My Fair Lady* still manages to provide many entertaining moments, mostly involving the

wonderful songs. Stanley Holloway, an old music hall star, delights us with his renditions of "With a Little Bit of Luck" and "I'm Getting Married in the Morning." Audrey Hepburn, while not terribly convincing as a cockney guttersnipe, manages to lip sync her way through "Wouldn't It Be Lovely," "The Rain in Spain," and "I Could Have Danced All Night" with considerable charm. Watch for the recently deceased Jeremy Brett (the BBC Sherlock Holmes) as the vapid young man who thinks he's in love with Eliza, singing "On the Street Where You Live." And every minute that Rex Harrison is on the screen is worth watching.

Since *My Fair Lady* is almost three hours long, it will be shown an hour early, at 6:30 in 10-250. This will give you time to catch the 10 p.m. screening of *Before the Rain*, an excellent Macedonian film with an even more convoluted time scheme than *Pulp Fiction*.

ON THE SCREEN

— BY THE TECH ARTS STAFF —

On The Screen, from Page 7

★★★★ 2001: A Space Odyssey

Director Stanley Kubrick's mind-bending science-fiction spectacle stands as one of the defining moments of the late 1960s and of the sci-fi genre itself. Beginning with the physical savagery of proto-humans and climaxing with the cool, intellectual savagery of mankind and computers, the film is rich with social commentary and religious symbolism. The special effects are still amazing, a full 27 years after the film's original release: Kubrick's obsessive attention to detail with the set design and photography laid the groundwork for a new aesthetic in American cinema. The acting has very little depth or expression, especially when compared with Kubrick's comic satire *Dr. Strangelove* or his exercise in ultraviolence, *A Clockwork Orange*. But this film bypasses human primitivism almost entirely in order for mankind to achieve spiritual

deliverance from self-serving, dehumanizing technology. Based on Arthur C. Clarke's short story *The Sentinel*, *2001* remains Kubrick's defining masterwork. — SD, LSC, Sunday.

★★ Unzipped

This documentary traces several months in the life of fashion designer Isaac Mizrahi. Devastated after a disastrous presentation of his spring, 1994 collection, he begins anew for his next collection in the fall. Along the way, he recounts his many inspirations: his mother and Mary Tyler Moore have obviously shaped Mizrahi's sense of fashion as well as his flamboyant personality. But too much of the film seems over-eager — encounters with world-renowned fashion models and a media-blitz surrounding Mizrahi's fall collection seem staged, and the grainy black-and-white photography is an understated, but mixed, visual blessing. Such films play better on PBS than in a movie theater. — Audrey Wu, Sony Copley Place.



William Wallace (Mel Gibson) is knighted in *Braveheart*, currently in re-release.

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LEHMAN BROTHERS

Darkness, ambience can't rescue predictable *Seven*

SEVEN

Directed by David Fincher.
Written by Andrew Kevin Walker.
Starring Morgan Freeman, Brad Pitt, and Gwyneth Paltrow.
Sony Cheri.

By Benjamin Self

Ever since the movie *Silence of the Lambs* scared its audiences into a stress panic, psychological thrillers have been released at a phenomenal rate. Every movie season has its few, each which seem to follow the same generic pattern: cops who are either new or retiring are pitted against a mastermind criminal, who teases and underestimates the intelligence of police. *Seven*, directed by David Fincher and produced by Arnold Kopelston (*Platoon* and *The Fugitive*) does not fall short in this regard. It follows the genre perfectly, and unlike many of its brothers and sisters, has little extra to make it special.

Starring Morgan Freeman (*The Shawshank Redemption*) as a retiring detective and Brad Pitt (*Legends of the Fall*) as his replacement, *Seven* is hailed as both a powerful and suspenseful film with a stunning surprise ending. Unfortunately, it does not follow through with these promises. Although many scenes in the movie are filled with tension, other parts of the movie are notably lacking in substance. For example, the movie begins with an incomprehensible dialogue, and the film's conclusion is rather predictable.

The movie begins with two gruesome murders, one investigated by Freeman, the other

by Pitt. The pair soon discovers through research of classic literature that the murders are being committed by a single mastermind who is planning to kill seven people, one for each deadly

gluttony, greed, sloth, pride, lust, envy, and wrath. Through these murders, the criminal hopes to show society the evil it fosters. Of course, the two very different partners must bond together in order to outsmart this powerful criminal.

Seven does bring up a moral point that other psychological thrillers seem to leave out. It raises the question about the lack of morality in the world; unfortunately this idea does not pan out. Very little time is spent on this theme, which eventually becomes an afterthought rather than building toward epiphany. The movie does, however,

offer a glimpse into the mind of a detective working the grim streets of a dark town.

The production values of *Seven* far outdo any other aspect of the movie. Scenes filled with darkness represent the moralistic

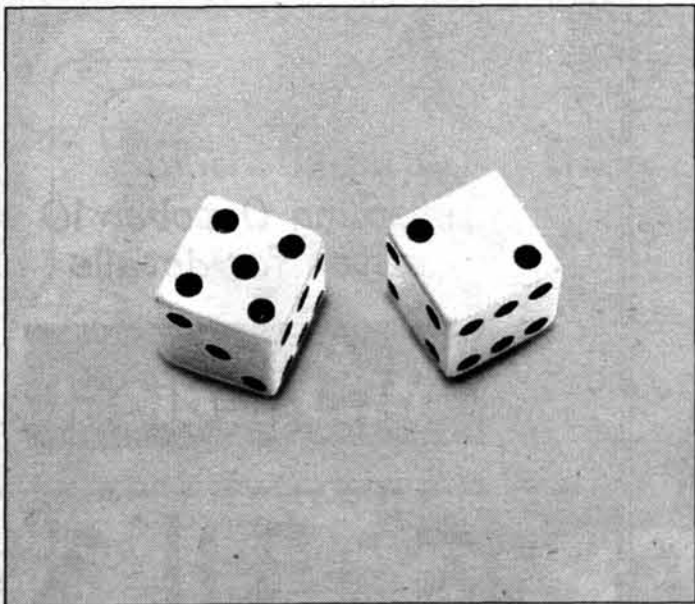
undercurrents of the movie. The special effects and set are superb and the characters appear as real people instead of superheroes. Badly needed was more attention to *Seven's* plot.



Detective David Mills (Brad Pitt) and Lt. William Somerset (Morgan Freeman) investigate a series of bizarre murders in *Seven*.

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IS to Change Key-Code Combo In Effort to Increase Security

By Oleg E. Drozhinin
STAFF REPORTER

Information Systems is in the midst of implementing a plan to strengthen Athena cluster security, according to Brian T. Murphy, assistant manager of computer operations for Distributed Computing and Network Services.

The move comes in response to an increasing number of incidents since May involving cluster use by people not affiliated with MIT, Murphy said.

Trespassers often sneak into clusters alongside students, and get key code cluster combination and root access information from unwitting legitimate users, Murphy said. Armed with the root password, trespassers can use many of the features — such as free Internet access — that are available on Athena, according to Murphy.

"The greatest impact from such people using the workstations is that it takes a seat away from an authorized Athena user," Murphy said.

To preempt such misuse, this summer IS began changing that root password and posting "no trespassing" signs at all clusters, Murphy said. IS also plans to change the key

code cluster combination, effective Oct. 1, Murphy said. The current combination is openly posted outside some clusters.

Trespassing hit high in May

IS became aware of the situation during the thesis-writing period in May, when student demand for the clusters is highest. IS staff began noticing people who for various reasons, they said, did not appear to belong to MIT, according to Murphy.

In response, IS began monitoring root access, and questioning people logged in as root about their MIT ties, Murphy said. In addition, IS has increased spot checking of clusters, and has spoken with Campus Police and legal consultants about the procedures for prosecuting trespassers, he said.

If caught, trespassers can be arrested by Campus Police and turned over to Cambridge Police. Under certain circumstances the offense may be punishable by fine and/or imprisonment, Murphy said.

Also in response, administrators have reviewed and modified Athena documentation to rework the description of the so-called "public"

clusters, which will instead be called Athena clusters, Murphy said.

As an added deterrent, some staff members will be wearing utility vests with the word "Athena" printed on the back.

Though serious, the measures are necessary step for the security of the clusters and the convenience of their users, Murphy said.

"Having to wait in line [for a machine] when you're paying tuition, while someone else who is not even affiliated with MIT is using a workstation is obviously unacceptable," Murphy said.

"We are very concerned with this situation and take our jobs of providing adequate computing resources to all authorized Athena account holders very seriously," Murphy said.

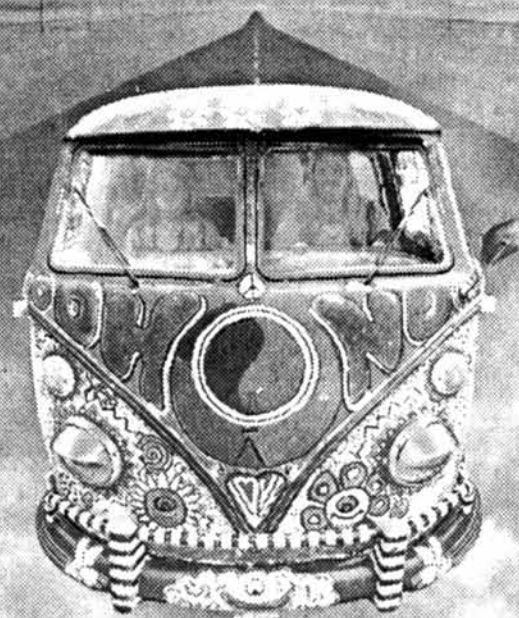
For security's sake, Murphy advises students not to give out their password or the root password to anyone. The combination to the clusters should be also held confidential, he said.

If they think they've seen an unauthorized cluster user, students can send electronic mail to stopit@mit.edu or call the Campus Police at 253-1212.

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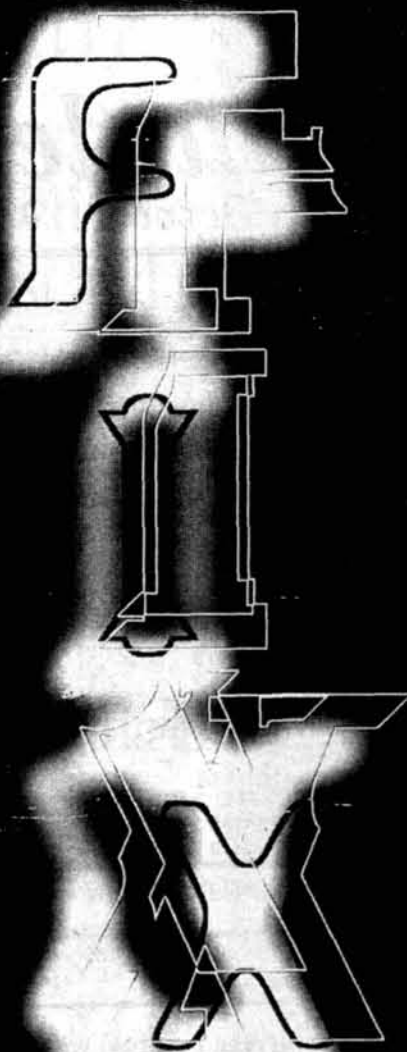
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Institute to Give Up GRE Testing Site

GRE, from Page 1

haps MIT should offer additional incentives, beyond what the ETS pays, to the test administrator.

But not all students are disgruntled. "For me, it's not that big of a deal," said Keith E. Whalen '96, who is planning on taking the GRE in October. "Perhaps if I didn't get a spot, I'd be angry, but I don't mind going to Simmons."

Computerized GRE

Some students said they were going to bypass the traditional GRE

testing centers altogether and take a computerized version of the test known as the GRE Computer-Based Test, or CBT, offered by Sylvan Technology Research at its testing center near South Station in Boston.

Although the computerized version of the test costs more, there are advantages. In addition to the flexibility of time — the test is offered year-round several times a week, three weeks per month — students receive their test results much sooner than the four to six weeks it takes for traditional test takers to get their scores by mail.

New House, Random Hall Receive New Housemasters

Housemasters, from Page 1

"Many of the pressures the undergraduates feel and the problems they face are ones Ellen and I experienced earlier in our lives," Essigmann said. "Even though we have been here less than a month, we have found almost daily that our experience in dealing with problems has been of value."

The Essigmanns see the culturally distinct New House living groups like Chocolate City and the language houses as an advantage. They also present a challenge when working "on those issues on which the house must come together," Essigmann said.

The Essigmanns replaced Professor of Mechanical Engineering Derek Rowell.

Random gets new housemasters

Librarian Nina J. Davis-Millis and her husband,

Christopher Millis, have become Random's new housemasters. The two replace Halston W. Taylor, head coach of the men's track and cross country teams, and his wife Cathy.

The Taylors left Random Hall because they have a baby and needed more space than the Random housemasters' apartment offered. They are now to the housemasters at Burton-Conner House.

The new housemasters feel "very comfortable and really lucky to be there," Davis-Millis said. "Random really fits with our personality."

The couple has found that Random Hall "attracts people who are very self-sufficient and have a lot of resources," Davis-Millis said.

"We were very involved during rush, but since then we've had less contact with the students," Davis-Millis said.

Provost, President Have Not Yet Chosen New Director of Libraries

Director, from Page 1

the job.

While he did not name names, he did confirm that the short list included no one currently at MIT.

"We are proud of the job that Jay Lucker did for two decades as director," Moses said. He also expressed confidence that Fleishauer and Ferrero "will perform admirably in the

transition to a new director."

Library technology pivotal

"Our goal is to choose a director who will be able to introduce new technology to the library that will bring it to a new level of excellence in the coming years," Moses said.

The top candidates must have "the capacity to lead change in the library world" by making use of the

technological and informational revolution being brought about by the Internet and the World-Wide Web, Donaldson said earlier this summer.

"Everyone considered has had a great interest in information technology," Donaldson said.

That technology will greet the new director one way in the form of a new computer system installed this summer for the Libraries.

New Cogeneration Plant to Be More Efficient, Environmentally Friendly

Plant, from Page 1

Moore said.

Upgrades accompany installation

The entire electrical system, parts of which were 40 to 45 years old, were rebuilt as part of the project. The new plant also required the installation of a larger gas pipeline.

The cogeneration plant uses a combustion turbine to produce heat and power.

The new turbine is "essentially a jet engine fitted with a power turbine that connects to an electric generator," Moore said. The plant recovers the heat energy of the turbine by directing the exhaust gasses through a heat recovery steam gen-

erator that heats the water to 440°F (227°C).

The generator can generate 100,000 pounds of steam an hour at 200 pounds per square inch, Moore said. On the coldest days, the plant can produce an additional 70,000 pounds of steam an hour with additional firing.



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Burton House	10:06	11:06
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by Jim

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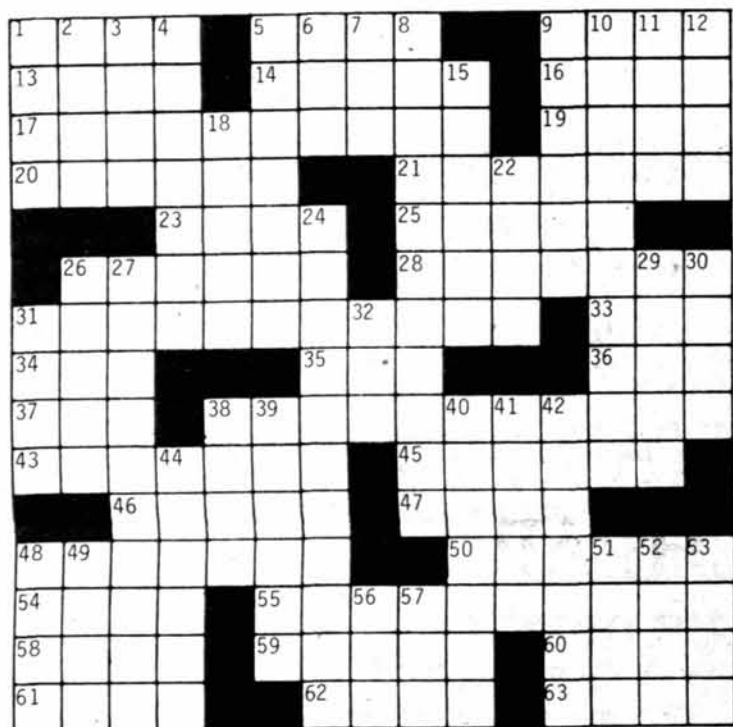
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ACROSS

- 1 Amphibian
- 5 ---dry
- 9 "The Iliad," for one
- 13 --- May Wong
- 14 Indians of the midwest
- 16 Prefix: foreign
- 17 Oil field worker
- 19 Ship's stem
- 20 1981 Dudley Moore film
- 21 Certain '60s demonstrations
- 23 Eye part
- 25 Arm--- (joined)
- 26 Jaunty
- 28 Bankroll of a sort (2 wds.)
- 31 Impartial outlook
- 33 Part of a golf club
- 34 Suffix for differ
- 35 "A mouse!"
- 36 Street in Paris
- 37 Farming (abbr.)
- 38 Notorious buccaneer (2 wds.)
- 43 Asinine
- 45 Beethoven's Third

- 46 Soup scoop
- 47 Like Hilton's horizon
- 48 Trailblazer
- 50 Dunderhead
- 54 Links organization
- 55 Newspaper items
- 58 Track ---
- 59 Principle author
- 60 Mr. Kazan
- 61 Balzac's " --- Goriot"
- 62 Descartes
- 63 Follower of young or old

- 9 Ace
- 10 Circumferential
- 11 Privy to (2 wds.)
- 12 Till the --- come home
- 15 --- throw
- 18 City on the Po
- 22 Immense
- 24 Flock watcher
- 26 Well-known drummer
- 27 Horoscope pro
- 29 Type of cheese
- 30 Turned right
- 31 Turn a --- ear
- 32 Soak flax
- 38 Suffix: murder
- 39 Sawing wood
- 40 Great Lakes cargo (2 wds.)
- 41 Refusal words
- 42 Card pots

- 44 Woolly
- 48 "The --- Room," in Chicago
- 49 Crystal gazer's words
- 51 Poet Whitman
- 52 Nastase of tennis
- 53 Russian ruler
- 56 Suffix for mason
- 57 --- Downing Street

DOWN

- 1 "Gone with the Wind" locale
- 2 --- about (circa)
- 3 "Are you some kind of ---?"
- 4 Loose-fitting, colorful garment
- 5 Samuel Pepys, for one
- 6 Mr. Reiner
- 7 --- Jima
- 8 Noted movie critic (2 wds.)

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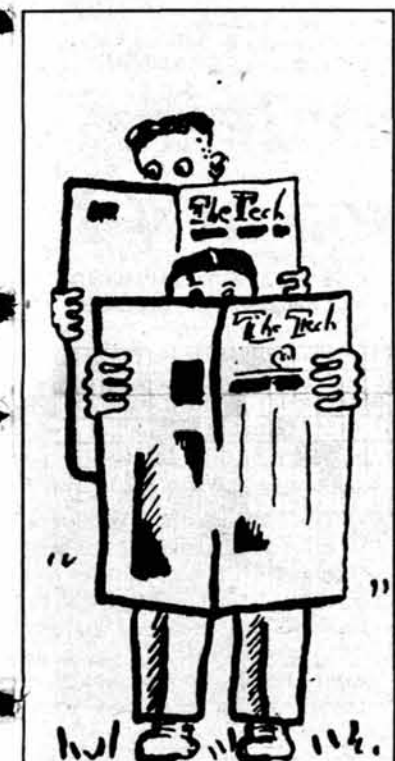
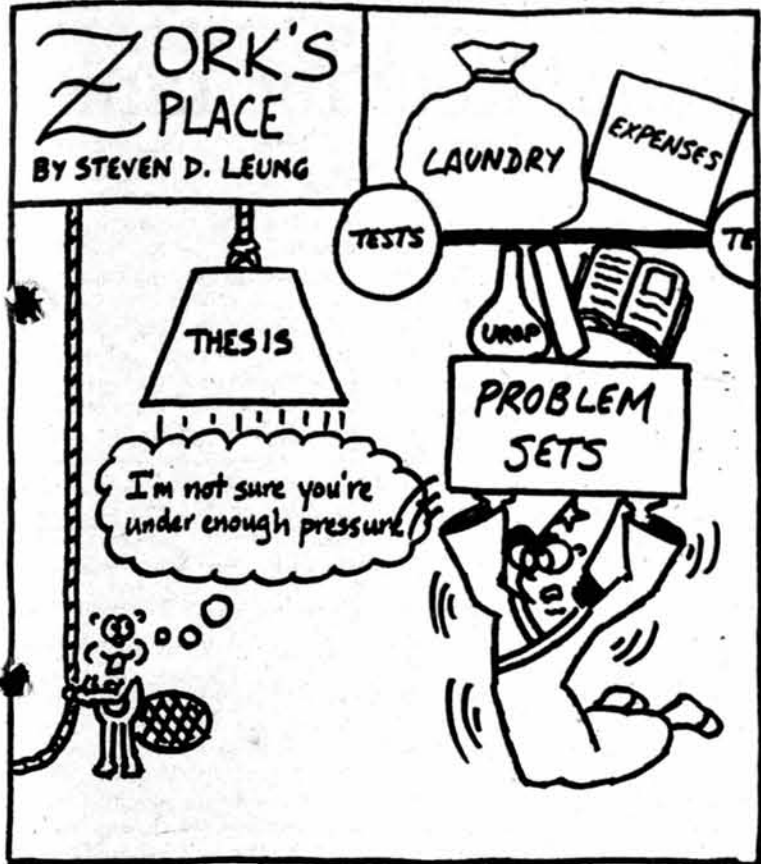
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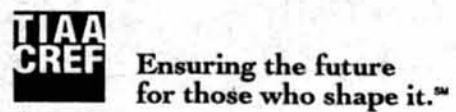
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1. Standard & Poor's Insurance Rating Analysis, 1995; Lipper Analytical Services, Inc., Lipper-Director's Analytical Data, 1995 (Quarterly). 2. Source: Morningstar, Variable Annuities/Life 4/12/95. 3. Of the 2,358 variable annuity funds tracked by Morningstar, the average fund has annual expenses of 0.78% plus an insurance expense of 1.24%. Source: Morningstar, Inc., for periods ending July 31, 1995. 4. Standard & Poor's Insurance Rating Analysis, 1995.

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SPORTS

Sox Clinch Playoff Berth; Fans Should Root for Yanks

By Bo Light

ASSOCIATE SPORTS EDITOR

As we all know, news happens around the clock, and the world of sports is no exception. Fortunately, loyal readers, EA Sports is on the job. Our space restrictions have forced us to cut the Unabomber's manifesto, so instead we bring you our first Simpson Trial Update of the year.

Simpson Trial Update

The most stunning news in the Simpson case occurred last weekend, when it was revealed that two-year-old Maggie Simpson had in fact "hot multimillionaire C. Montgomery Burns. An arrest warrant has not been issued. The news was of particular relief to prime suspects Homer, Bart, and O.J. Simpson, but was a disappointment to the heralded Simpson Defense Team, which stood to make millions merely from the television rights to the case. Maggie Simpson declined to comment.

On the ice

Last week, hockey became the second sport of the year to start on time as the NHL kicked off its pre-season. Last season, a lockout kept the teams off the ice until January.

This year, with a new labor agreement signed, fans can forget about strikes and lockouts and concentrate on the real issues, like the neutral-zone trap. Looking ahead, EA Sports would like to give some insight on some of the big questions facing hockey fans this season.

Can the Devils repeat? Fat chance. As the defending champs, everyone will be gunning for New Jersey (Nashville?) this season, and with new interference rules all but outlawing the neutral-zone trap, the Devils will have to find another way to win, or simply be content with the Cup they have.

Can Detroit get back to the Finals? Probably, but they'll face some stiff competition. Although they only lost two games in the Western Conference playoffs, the Red Wings escaped having to play St. Louis, and won three games against Chicago in overtime. Neither the Blues nor the Blackhawks will be easily beaten this year. Also, a lengthy and bitter arbitration suit this summer ensured that Mike Vernon will never mind the Detroit nets again. Still, this team has the memory of last year's humiliation fresh in their minds, and with the defense that beat them effectively eliminated, the Wings should fly into the Finals again come June.

Speaking of the new interference

rules, how long will they be enforced? Probably until just after the end of the preseason, when officials will once again turn a blind eye to the hooking and holding that brought Lord Stanley's Cup to exit 16W. Fortunately, this will be all the longer the rules need to be enforced, as teams will have developed new game plans for the season. The result will be a more wide-open game, which will bring excitement back to the league in a hurry.

Will the IHL rise up and become an independent league capable of rivaling the NHL? As soon as we're done laughing at the concept, we'll let you know.

NFL Report

Big News of the Week: The NFL announced on Monday that it would be suing the Dallas Cowboys organization for \$300 million. The league claims (and rightfully so) that Dallas willfully violated league marketing policies in signing deals with Pepsi, Nike, and American Express. It would seem that Jerry Jones is finally getting what he deserves: a kick in the pants from the rest of the league. Don't start the celebration just yet, though; the odds of the NFL winning this suit, or even getting it to a courtroom, are slim at best. Mr. Jones is nothing if not shrewd, and his fellow owners

can't help but be enticed by the big bucks that independent marketing could bring in. Here's our prediction: the Cowboys will keep their endorsements, and a large percentage of what they make will go into the revenue-sharing pool. Next season, the league will institute new marketing and revenue-sharing policies that will allow the teams to market themselves while remaining on economically equal footing. In return, Jones will agree not to counter-sue the NFL for violating antitrust laws. And that will be that.

The Batter's Box

There may be no joy in Mudville, but there is joy in Boston, as the Red Sox have finally clinched the AL East title. The Sox, despite being picked for a fourth-place finish in the preseason, have led the division almost since the beginning of the season, and are ready to exorcise the Curse of the Bambino, a seventy-seven year run of bad luck that began when Boston traded a young George Herman Ruth to the Yankees. Unfortunately, they'll have to contend with the Cleveland Indians, who are just as eager to escape the Curse of Rocky Colavito. With everyone picking the Tribe to win the World Series this year, the Sox will have their hands full in the postseason. Boston's best bet? Root for the Yan-

kees. Under the new playoff system, Boston and the AL West winner will have home-field advantage in the first round of the playoffs, regardless of record or who they face. Also, there can be no intradivisional game in the first round, so if the wild card team comes from the East or West, that division's winner automatically plays the Indians first. A five-game series with home-field advantage seems to be anyone's best chance against Cleveland, and with Milwaukee fading, Boston's chances of reaching the World Series seem much better if the Yankees take the wild-card.

Trivia Question

The Curse of Rocky Colavito began in 1954, when the Indian traded Rock to — whom? Send answers and comments to esports@the-tech. Suspicious looking packages may be sent elsewhere (we'll publish the manifesto next week, promise). Answer to last week's question: Doug Flutie played for the New England Patriots and the Chicago Bears (yes, it was a trick question, sorry). Correct answers were given by Kevin Dahm G, Steve Gray '99, Steve Wong '99, and Mark Hytros G, who gets extra credit for stating that Flutie was drafted by the Rams, although he never actually played there.

Cross Country Beats RPI, WPI To Take Fourth Engineers' Cup

By David Kelman

TEAM MEMBER

The men's cross country team flew by the competition Saturday to continue their dominance of the annual Engineers' Cup, winning the event and taking home the accompanying trophy for the fourth straight year. The five mile race was held at Franklin Park.

The Engineers, off to a 2-0 start, are currently ranked ninth in the nation for NCAA Division III.

The team swept RPI and WPI with a score of 15 points, meaning that MIT's top five runners captured the first five places in the race. RPI scored 52 points for second place while WPI was relatively close

behind with a score of 65 points. Team captain and All-American runner Ethan A. Crain '96 led the Engineers to victory with a first place individual finish. Crain was clocked with a time of 25:38 for the race, his personal best for the course. Following close behind Crain was Arnold H. Seto '96. Next came freshman sensations Michael A. Parkins '99 and James W. Berry '99, while Joshua D. Feldman '97 sealed the five-man sweep. Two more freshman stars, Matthew B. Debski '99 and Leif Seed '99, rounded out MIT's lethal top seven.

The junior varsity team also won with ease over both RPI and WPI. The team was led by Richard C.

Rosalez '98, with a time of 27:21. Rosalez was followed in turn by Sohail N. Husain '98 and Chris H. Schell '96. Gerardo Corona '97 and Omar A. Saleh '97 came in next, while Chuck Van Buren '98 and David Kelman '99 finished seconds apart to round out the top seven.

While MIT captured the Engineers' Cup with relative ease, Coach Halston W. Taylor stressed that more serious tests lie on the horizon. Next week, the team runs against New England schools Tufts, Bentley, and Bates. Additionally, one of the Engineers' most important benchmarks will come October 7th at the LeMoyne Invitational in Syracuse against such teams as number-one ranked Williams.

Taylor said that while the team's level of concentration has improved as a whole, it is imperative that runners work in groups as the season progresses.

Men's Soccer Team Opens Season at 4-1

By Melissa Ronge

TEAM STATISTICIAN

The MIT men's soccer team started off the season by rushing out to a 4-1 record, beating Union College, SUNY Geneseo, Nichols College, and Trinity University.

The team began their season against Union College in the opening game of the Union Invitational Tournament. Andres J. Villaquiran '97 started out the scoring with a rocket shot that beat the Union goalkeeper.

David S. Danese '99 added another goal, after a nice pass from Stephen M. Wong '99, to pad the Engineers' lead. Even though Union scored late in the game, the Engineers were able to hold on for a 2-1 victory, earning them the right to play in the championship game against SUNY Geneseo.

At the end of that game, the two almost evenly-matched teams had taken the same number of shots and

each goalkeeper had been credited with the same number of saves. The only thing uneven was the score. Once again, Danese booted in a goal, this time receiving a pass from Jaime E. Sarabia '98. The goal gave the Engineers a 1-0 lead, which they retained to secure the win and the tournament championship.

The first home game of the season proved to be unlucky as rival UMass-Boston jumped out to a quick 1-0 lead. The Engineers continued to fight back and with less than three minutes left to go in the game, Danese took a pass from David F. Lockwood '96 and Samuel M. Pearlman '96 and scored to tie the game up at 1. However, UMass struck twice in overtime, and MIT was unable to come back.

MIT recovered from that loss with a handy 3-0 victory of Nichols College. The scoring started when Pearlman finished off a pass from Lockwood. Christopher J. Danielian '97 added an insurance goal when he took a pass from Pearlman and booted it into the goal. Late in the game, Douglas C. MacIvor '98 made a nice pass to Wong who promptly finished off the Engineers scoring.

The Engineers faced Trinity University from Texas in their fifth game in nine days. Early on in the game, which was played in a torrential downpour, Danielian netted a pass from Villaquiran to give MIT a 1-0 lead. Shortly afterwards, one player from each team was shown the red card and thrown out of the game for fighting. That set the tone for the rest of the game as two more red and yellow cards were issued during the contest. Trinity scored to tie up the game, but then Sarabia put his own rebound into the goal to give the Engineers a 2-1 halftime lead. In the second half, Trinity scored again to send the game into overtime.

During the first overtime, a player from MIT was dragged down in the penalty box. A penalty shot was awarded, and Joseph O. Wenisch '96 put the shot in the lower corner to give MIT a 3-2 lead. From that point, the Engineers never looked back. Wenisch added a breakaway goal off a pass from Lockwood to bring the final score to 4-2.

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