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The Tech

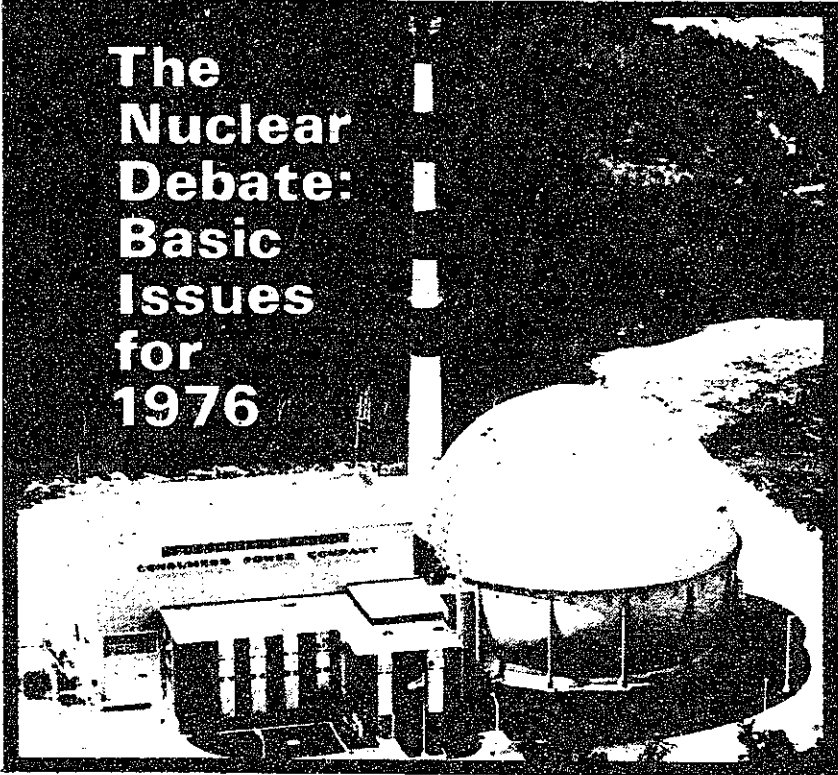
For an analysis of "The
Nuclear Debate" see
page 3.

VOLUME 95 NUMBER 44

MIT, CAMBRIDGE, MASSACHUSETTS

FRIDAY, OCTOBER 31, 1975

The Nuclear Debate: Basic Issues for 1976



Nuclear risk reported low

By Storm Kauffman

WASHINGTON — The risks associated with operating present-day nuclear power plants are very low, according to a report released yesterday by the Nuclear Regulatory Commission.

Professor Norman Rasmussen, head of the MIT Department of Nuclear Engineering, led a three-year \$3.5 million study WASH 1400. It estimated the risks to the public of the nuclear power industry.

In a news conference here yesterday afternoon Rasmussen said that, based on the findings of the study, he could see no reason for hesitancy in pursuing a nuclear program.

The final version of WASH 1400 differs from a draft version released in August, 1975, only by slightly increasing the assessed risks of nuclear plant operation, Rasmussen said. But the overall conclusion that reactors are much safer than many non-nuclear activities remained the same, after incorporating the 1800 pages of comments received on the draft report.

Discussing the changes in the report, Rasmussen said there was a "greatly improved analysis of the consequences" of potential reactor accidents. On the average, the risk assessment showed nuclear power slightly more hazardous than originally estimated, but the statistics still indicated that "non-nuclear accidents involving comparable large dollar-value damage are about 1000 times more likely than nuclear power plant accidents,"

Rasmussen said.

In addition, the report said, "the chance that a person living in the general vicinity of a nuclear power plant will be fatally injured in a reactor accident is one in 5 billion per year, as compared to one in 4000 for a motor vehicle accident and one in 10,000 for a fall. The chance that a person will be injured in a reactor accident is one chance in 75 million per year," the report said.

All probabilities on nuclear reactor safety were based on operation of 100, thousand-megawatt, electric reactors nationwide — significantly more than the 56 reactors of equal or lesser size now in operation in the US — the report said.

The major change in the re-

port's findings were in the area of latent cancer statistics. Input from several critics resulted in a seven-fold increase in the estimates of latent cancer to be expected in a worst-case accident. Rasmussen noted that even this increased probability would be barely discernable among the normal incidence of cancers. The original low estimate was the result of failure to take cesium-137, a fission product of uranium into account as a carcinogenic agent, Rasmussen said.

Rasmussen also pointed out that the model for population evacuation in case of an accident had been modified in the final report as a result of criticism of the draft version. Using a study by the Environmental Protection

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Rule changes expected in social experiments

By Rich Newcome

A report on social science research on human subjects, being compiled by a task force of the Committee on the Use of Humans as Experimental Subjects (COUHES), is nearing completion.

The task force, composed of representatives of the departments engaged in social science research and COUHES, was appointed last April by Provost Walter Rosenblith to look into questions of guidelines and procedures dealing with the growing amount of social science re-

search which use humans in experiments.

COUHES is a standing MIT committee which reviews proposals for research using human subjects. The United States Department of Health, Education, and Welfare (HEW) requires that all proposals for such experiments will have to be approved by a committee like COUHES before federal funds can be granted for them.

Existing COUHES guidelines were developed for biomedical research, and are not always

(Please turn to page 9)

DNA research ban assessed

By Nivin Fei

Two faculty members in a Technology Studies Seminar discussed the current state of the "moratorium" in DNA research during a seminar Wednesday.

Professor of the History of Science Charles Weiner talked about his study of the moratorium — in which he and Rae Goddell already interviewed 25 people who were involved in establishing it — but said it is too early for him to draw any conclusions. "The events involved are still unfolding," he said.

The moratorium was the result of recent advances in the manipulation of genes, which led to a fear of "genetic intervention" or "genetic engineering." One of the possibilities was the development of an "Andromeda strain."

Weiner observed that the widespread attention given to moratorium "is a reflection... of public and scientific assumptions... of a constant forward movement of science, an inevitability, a scientist pushing onward in search of the truth no matter what."

A NAS committee was formed by a group of molecular biologists to look into "the potential biohazards of recombinant DNA." They produced a set of guidelines for research "requesting that certain classes of experiments not be done at all and specifying safety conditions for other lower hazard research." The moratorium — a temporary halt in scientific research — was acclaimed in the press as being "unprecedented in the history of science." *Rolling Stone Magazine* called the Asilomar conference "Pandora's Box Congress" since it opened up

questions of the potential hazards of DNA research.

Weiner listed a few of the factors involved in the process of forming the guidelines and then discussed a few of the European repercussions to the conference, particularly those in Britain. Among the factors involved were enormous enthusiasm for the recombinant DNA and the desire to use it, negative public attitude towards science, and competition among individuals. The immediate British reaction was to restrict recombinant DNA research.

Professor of Biology Maurice Fox noted that "safety in any laboratory circumstance is an illusion," and that biological agents are not as easily controlled as radioisotopes, for example.

Weiner himself concluded with two questions: should restrictions on research be limited to recombinant DNA alone or extended to all pathogens, and who should make the decision — does the public have the right to a say in this matter?

Weiner said that he is presently involved in documenting the process by which this moratorium came about. He is obtaining his material directly from the source — through interviews, personal records, papers and recollections of the conference and the events leading up to it. He wants to "see how the nature and the reality of scientific activity... and scientific institutions and how they function, either inhibits or encourages the social dimensions of the role of the scientist." He felt at the moment, however, that he had no solutions to the problems of recombinant DNA research and its potential hazards.

Soviet Union blocks scientific freedom

By Scott Macfarlan

The Soviet Union is standing in the way of scientific freedom by blocking emigration of scientists and thus restricting free flow of ideas, a Russian biochemist said Tuesday.

Alexander Goldfarb, who recently emigrated from the Soviet Union to Israel, called on members of the MIT community to aid scientists "who suffer harassment, loss of jobs, and intimidation because of their desire to emigrate" at a seminar sponsored by MIT Hillel and the Committee for Azbel, Lerner and Levich.

Goldfarb, who will join the faculty of the Weizmann Institute of Technology in Israel next month, described his experience in getting out of the Soviet Union. His application for emigration to Israel, made in October 1973, was refused six months later on the grounds that it was "not in the interest of the state."

"I was later told it was denied because I was in possession of 'secret information' important to the security of the USSR," Goldfarb told the 75 people at the meeting. His research in biochemistry was not classified,

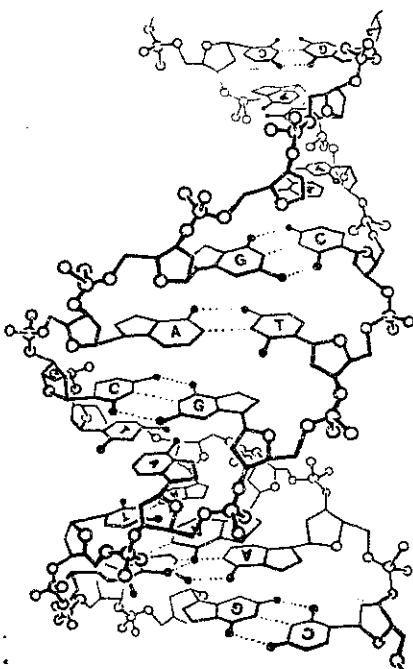
Goldfarb said, and was not related to weapons or military research.

"Not only have I never participated in any kind of classified research or seen a classified document," Goldfarb wrote in a letter to Western scientists which was handed out at the meeting, "but I have never met a person in my department who has. All the results of our laboratory were always published in open press and mostly abroad."

Goldfarb said he became active in the Aliyah movement to help "refuseniks" — scientists whose applications for emigration had been refused — and wrote letters to Western scientists on their behalf. He obtained permission to emigrate in April of this year, and arrived in Israel about a month later.

"Scientific freedom in Russia is dependent on political convictions," Goldfarb told the audience. Those scientists who express opinions differing from the Communist Party's stands are restricted in academic activities. "If a Soviet doesn't believe that Jewish scientists should be denied emigration," Goldfarb

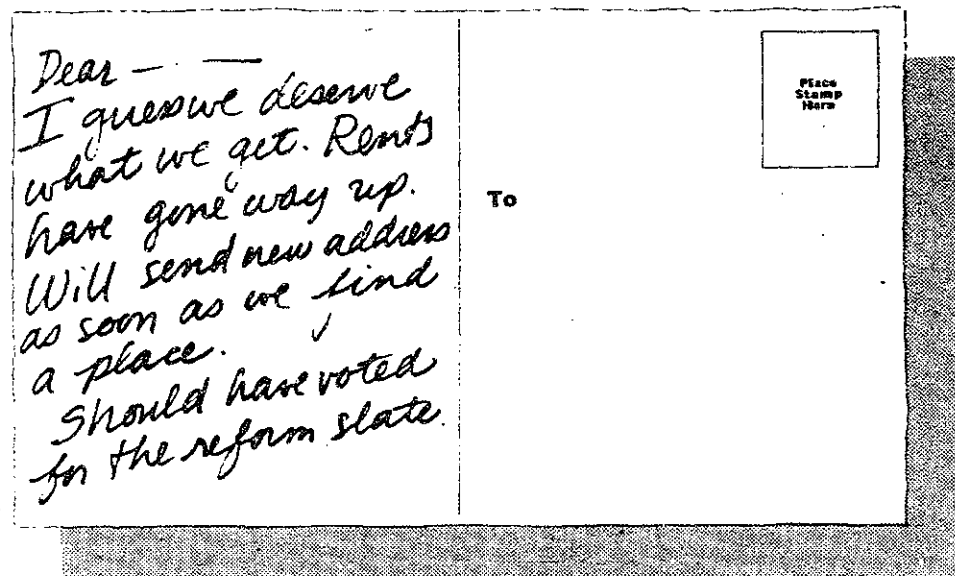
(Please turn to page 3)



Alexander Goldfarb

Lee Linquist

If you don't vote Tuesday send this.



Rent control is not the only thing at stake.

Cambridge has had a new city manager after each one of the last five elections.

Two years ago, thanks to the Cambridge Convention '75 candidates who are now on the City Council, we hired a manager who has begun to cut the fat out of the budget and just gave this city its first tax decrease in ten years.

But if Cambridge Convention '75 doesn't win a majority on Tuesday, we could end up with six managers in six elections. And lose the best one we've ever had.

Not only that, but for every step forward we could take two steps backward.

A switch of just one vote on the City Council could mean the end of rent controls.

Without a reform majority it's going to be hard for Cambridge's new, no-nonsense School Superintendent to build up Cambridge's schools to be the best in the state.

Or for a tough forward-thinking Police Chief to cut down on crime and abuses by making his police force more effective and responsive.

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A majority's even more important when it comes to protecting our neighborhoods in the future and keeping Cambridge an attractive city for people to live in.

That's what is at stake in this election. And why the Cambridge Convention '75 candidates need your votes on Tuesday.

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You vote by marking the candidates in the order of your choice, with numbers, 1, 2, 3 and so on. You can vote for as many candidates as you like.

Make your vote count, vote the entire Cambridge Convention '75 slate. Polls open from 8 a.m. to 8 p.m. **VOTE EARLY.**

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John Brode
David Clem
Eric Davin
Francis Duchay
Saundra Graham
Mary Ellen Preusser
David Wylie

For School Committee.

Sara Mae Berman
Stephen Buckley
Priscilla Ellis
Peter Gesell
Glenn Koocher
Charles Pierce
Alice Wolf

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For rides to the polls,
information where to vote,
or volunteering to help,
call 354-5182 or 354-5192.

Please, don't sit this one out.

Scientist decries freedom lack

(Continued from page 1)
said, that scientist "probably will not be attending many - if any - international conferences in the future."

Goldfarb said that emigration policy was not a matter to be decided by the Soviet scientific community. Three years ago, he said, the vice president of the Soviet Academy of Sciences was asked about denial of emigration,

for Lerner, a Soviet scientist who has been fighting to emigrate.

"Personally, I would let him go tomorrow," Goldfarb quoted the official as saying. "But it's not up to me, it is up to the KGB" - the Soviet secret police.

Goldfarb criticized the European mutual-security agreement signed by the US, USSR, and

several European nations earlier this year as "very weak." The agreement "contained very few humanitarian concessions," he said, and the concessions will be meaningless "unless the West forces the Soviet Union to follow the agreement."

The US should continue to pressure the Soviet Union on human rights, Goldfarb said, praising the Jackson Amendment which tied human-right concessions to trade agreements. Such pressure will be effective in opening up Soviet society, he said.

"Forcing them to release 1000 'refuseniks' now," Goldfarb said, "will make the government realize that it must ease its control to make people not want to leave. And the people will gain more control over their own destinies."

News Analysis

Nuclear industry ready for future energy battle

By Mike McNamee

The final report of WASH 1400, a three-year study of the safety of the nuclear power industry, couldn't have come at a better time for proponents of an expanded role for nuclear power in the nation's energy scheme.

For the report came just as the nuclear power industry picked up its facts and figures and analysis to do battle with its bitter opponents, the environmentalists, consumer advocates, and others who oppose expansion of nuclear power on the grounds of safety, environmental damage, and other reasons.

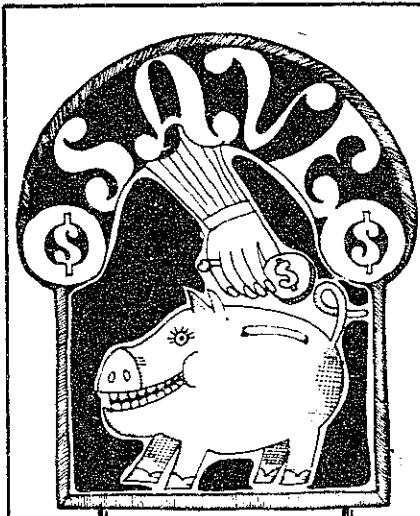
The study, prepared by MIT nuclear engineer Norman Rasmussen and about 100 researchers, gives the pro-nuclear forces a strong weapon with its conclusions that nuclear power is safer and cleaner than many non-nuclear activities, the risks of which are accepted as normal.

But the nuclear power industry does not intend to base its whole battle against Ralph Nader, the Union of Concerned Scientists, and other nuclear foes on one report, however helpful that report may be. Instead, they are tooling up for a major public-relations and information campaign to get their message - that nuclear power "is the only way to go to achieve energy independence" - to the public.

Their strategy became clear at a three-day conference which concluded yesterday, in downtown Boston, where more than 200 industry officials, spokesmen, and public-information people gathered under the auspices of the Atomic Industrial Forum to learn how to beat the nuclear opponents. And it became clear, as the conference went on, that the industry strategy includes not only out-facting, out-figuring, and out-debating their foes, but also a large dose of direct attack.

"No longer is there even a pretext of addressing the substantive issues of nuclear power, no longer is there even a semblance of questioning the technical criteria for reactor safety, plant reliability, economics or environmental effect," Paul Turner, vice president of the

AIF told the delegates. The nuclear opponents were "retreating," he said, because of "a depletion of credible (Please turn to page 8)



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Jose Cisneros, 494-8135

Opinion

ASA impeachment isn't representative

By Michael McNamee

"Grease."

That's the one word being heard on and off the fourth floor of the Student Center in the wake of the impeachment of Forrest Krutter '76 for the high crime or misdemeanor of being a fool.

That undefined word which everyone knows the meaning of — a political, ego-gratifying, self-centered, arbitrary, capricious student-politician type — is the standard by which people seem to be judging student activities in light of the latest mismanagement of their affairs.

Perched here off in a remote corner of the floor — the corner that'll go first when the Student Center overhang finally collapses under its own weight — we at *The Tech* have managed to keep our feet pretty dry in the latest inundation of greasy goings-on. But the reaction I've heard indicates that the student body at large — especially those students who have no idea of what student activities are really like — has just added another layer to its built-up belief that student government isn't worth the powder necessary to blow it up.

And that belief harms everyone involved in any way with activities — those who abhor grease and those who dabble in it as well as those for whom making grease pies and building grease castles are the major intellectual activities here.

With regards to the impeachment itself, Krutter probably deserved what he got. Whatever the crimes he was charged with, his basic error was in being a fool, in trying to be greasier than the professional grease around here could stomach. His crime wasn't being greasy *per se* — his impeachers include some of the greasiest people to lay tracks down the halls in recent memory — but trying to out-politic the politicians, to out-inside the insiders.

There's little doubt that Krutter was being a fool when he committed his "impeachable acts." His battle/feud/vendetta with *Ergo* has never made any sense, and his high-handed way of conducting meetings could only be based on a pretty powerful overestimate of his own worth. But no one should read a basic character flaw into his impeachment. Krutter just went beyond the bounds of the general run of law-school applicants, and his fellow applicants decided he should be disciplined.

If that's all there was to the life and death of Forrest Krutter as a student politician, there would be little point to noticing the event. The substantive work of the Association of Student Activities — making sure that them what has keeps and them what hasn't don't get — will go unchanged. ASA's activities are for the most part so rote and routine that they could be handled by junior-high students, if MIT would just admit some. The opportunities for a serious role in assessing what should be done with student activities and what role they should play are for the most part negated by the organization's structure — them what has vote, and then what hasn't don't.

But the public opinion effects of the impeachment, and of the long and detailed coverage given it by some media groups which apparently think it matters to someone besides themselves, represent a serious problem for student activities faced with declining memberships and decreased interest. Like the UAP farce acted out every spring, this impeachment will only serve to hurt legitimate activities which conduct their business quietly for the good of their members and the community, while spotlighting the side of activities that is not only the most regrettable, but the most insignificant. It buries the work of hundreds under the grease of a few.

If too much is made of the dealings of the few — if all the community sees is the greasiness of the "leaders" of a few activities which have convinced themselves of their power and authority — activities will have no one to blame for their decline but themselves. One incident of grease is behind us; let's bury it and get busy with the positive, constructive side of MIT student activities.



Letters to The Tech More Accurate Reporting Asked

To the Editor:

I am writing to clarify/correct some statements made in Ms. Eileen Mannix's article on Northgate in *The Tech* for Oct. 21. At the time she spoke with me, I urged her to read some past reports on Northgate and speak with Mr. Watriss, who serves as President of Northgate, and Mr. O'Neal, who acts as Chief Operating Officer. The content of the article suffers, I believe, because she apparently did not follow these suggestions.

Northgate is a corporation separate from but fully controlled by MIT. Among other reasons, the separate corporate structure was set up to enable Northgate to pay full real estate and other taxes in connection with its operations. Northgate was intended to provide additional close-in housing, primarily

for faculty and staff, and to do so on a no-gain, no-loss basis. During Northgate's short life, the combination of extraordinary inflationary pressures and the imposition of rent control in Cambridge has resulted in Northgate's becoming very much of a financial loss operation.

I did not tell Ms. Mannix that Northgate "never became a valuable housing resource for MIT" or that "the apartments have not been much of an alternative for students, either, however, because they are too expensive." I did say that Northgate never became a major housing resource, meaning that large numbers of residential units were available. Although there were never large numbers of units available, the units *did* and *continue* to provide alternatives for students. Finally, the question

of the units being "too expensive" is a matter of reference base. I'm sure almost all rental property in greater Boston appears expensive to students arriving from other areas, but I believe Northgate rents are no greater than and, in most instances, lower than rents for units of similar quality on the current commercial market.

One last point: Ms. Mannix identified me as "Vice President of the Graduate School." That I am not, but perhaps there is a new position the Personnel Office has advertised, about which I am not aware.

All of this is by way of pleading for a little more accuracy in reporting.

Kenneth R. Wadleigh
Vice President and
Dean of the Graduate School
Oct. 24, 1975

Professionalism Hurt By Ad?

To the Editor:

I have, in the past, appreciated the effort put forth by *The Tech* to provide MIT with a professional newspaper. But the Oct. 24 issue offended and disgusted me, and I am sure, much of the MIT community *The Tech* purports to serve.

The appearance of an advertisement for condoms on the editorial page demonstrated not only a complete lack of taste and judgment, but a complete hypocrisy of the aim of "professionalism" so often spoken of by *The Tech* editorial board. That the ad should appear at all exhibits the grossest want of delicacy that I have seen yet — though the rakery of some of *The Tech's* reviews and opinions has been high. Do you realize how many students, staff and parents (to whom *The Tech* tries to sell subscriptions) were put off by this ad? Does so affronting your reading audience approach high professional prestige of the newspaper industry?

Affixed to this offense is the fact that the source of it was a paid advertisement, delivering what could be seen as just a lack of discretion to what may be

interpreted as a prostitution of *The Tech*. With the evidence before me (i.e. page five of Friday's *The Tech*), I cannot see it as much else.

Farrell Peternal '77
Oct. 24, 1975

(First, it should be pointed out that the ad which Peternal refers to was not on the editorial page, and that even if it had been, it was purely a commercial advertisement — not a statement or endorsement by *The Tech* or any other group, but an advertisement aimed at selling a product. Peternal doesn't object to selling sports coats or blood drives on the page which letters are printed on — how are condoms different?)

(Secondly, the issue of "delicacy" is one in which Peternal has chosen to take a regressive and almost Victorian view. We have no reason to believe that MIT students, faculty, and staff would be more offended by birth control products than by alcoholic beverages, abortion services, or term-paper sellers — all of which raise weightier issues and stronger feelings than birth control. We have heard no objections to frequent advertisements for these other products.

(As regards "professionalism" and "prostitution," *The Tech* would be far less professional if it refused ads on the basis of a whimsical minority's decision to

take offense at a given ad. And we wouldn't be able to afford editorial professionalism if we didn't "prostitute" ourselves by accepting paid advertisements — for alcohol and condoms as well as sport coats and blood drives. — Editor.)

Compensation Needed?

To the Editor:

Jesse Abraham denies wishing to continue the debate on black admissions while getting in a rather lengthy last word. I want the record to show some student support for Mr. Hampton's position.

The number of black students at MIT is absurdly low. MIT can easily afford the resources to develop "potential" abilities in minority students and it must do so. We cannot allow members of minorities to wait until their children benefit from a new, supposedly non-racist environment. We must attempt to compensate for decades of injustice and discrimination by providing extra opportunities for minorities in every part of our society. Offsetting discrimination is not a job for junior college professors, junior high school teachers, or Head Start workers. It is a job for everyone, and that includes MIT.

Ralph Tryon G
Oct. 28, 1975

The Tech

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The Tech welcomes Letters to the Editor. Typed letters are preferred. Letters must be signed; names will be withheld upon request. Send letters to The Tech, W20-483.

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Win a \$500 Music System at our Halloween Party!

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| Marantz 2245 receiver | \$550 | \$299 |
| MicroAcoustics FRM-1 | \$330 | \$249 pr. |
| Pioneer 535 | \$299 | \$199 |
| Pioneer 737 | \$399 | \$299 |
| Pioneer PL 12D mkII | \$120 | \$80 |
| Sansui 771 | \$429 | \$299 |
| Sherwood 7010 | \$240 | \$169 |

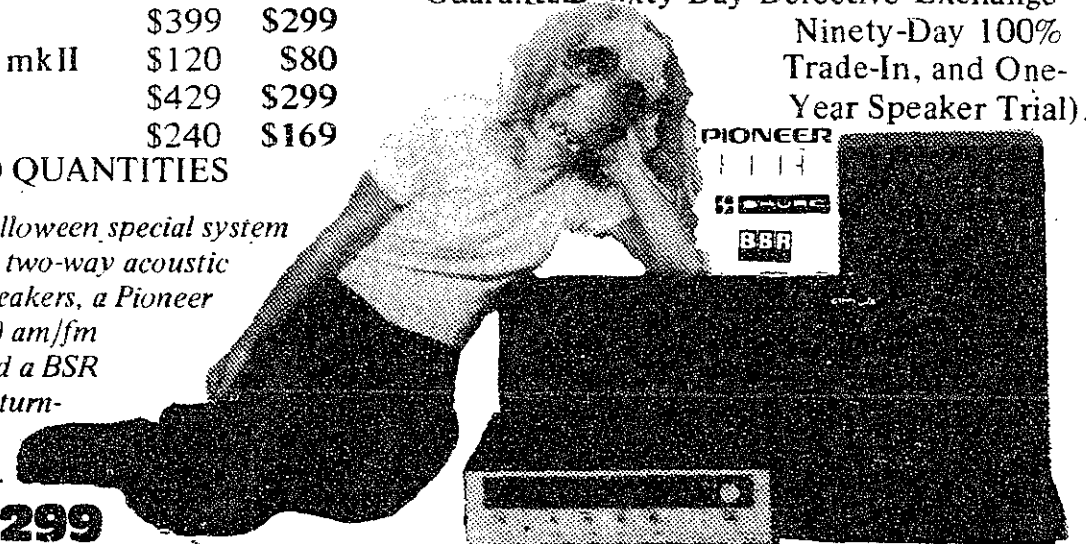
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Classical record reviews

Arnold Schoenberg: Complete Music for Piano Solo. Paul Jacobs (Nonesuch H-71309); Maurizio Pollini (Deutsche Grammophon 2530531).

After years of neglect from the record companies, Arnold Schoenberg's piano music finally has recordings to do it justice, and not just one, but two. One look at a score will show you just how fearsomely difficult these pieces are. It's hard enough even to play all the right notes at approximately the right times, let alone put any feeling into the reading. This hour's worth of music has been the downfall of quite a few fine pianists. In fact, Paul Jacobs and Maurizio Pollini have given us the first recorded performances that play the right notes at the right times, and they have also given us warm, feeling renditions that should go a long way toward correcting the popular misconception of Schoenberg as an icy "modernist" (whatever that means). It's important to understand that Schoenberg was not so much pre-Webern as post-Brahms. If I prefer the Pollini recording, it's because I find it a bit more Viennese and a bit less machine-like. But both are excellent.

Gustav Mahler: Sixth Symphony. Stockholm Philharmonic Orchestra; conducted by Jascha Horenstein (Nonesuch HB-73029).

Lamentably, Jascha Horenstein began to record the symphonies of Gustav Mahler only toward the end of his life (except for a few dreadfully recorded and badly played old Vox discs). As a result, we have definitive performances of the *First* (Nonesuch H-71240) and *Third* (Nonesuch HB-73023) with the London Symphony Orchestra, but little else. Of course, Horenstein programmed the Mahler symphonies frequently in concert, and tapes of some of these performances survive. The present recording, licensed to Nonesuch by Unicorn (the small British label that did the studio recordings of the *First* and *Third*) is from such a concert tape.

Now, the Stockholm Philharmonic is by no means one of the world's greatest orchestras, but in Horenstein's hands they transcend their technical limitations. And Horenstein's perception of this work is simply without equal. His meticulous choice of tempi gives this performance a quality of unity that I've not heard before. The tragic finale, with its hammer strokes of fate, achieves a devastating effect with an unusual economy of gesture.

I love this recording, and I think it belongs in the collection of anyone

who cares about Mahler. It's interesting that my other preferred recording of the *Sixth*, George Szell's with the Cleveland Orchestra (Columbia M2-31313), is also from a concert tape. Reach your own conclusions.

J. S. Bach: Cantatas, *Ein' feste Burg*, BWV 80, and *Gott, der Herr, ist Sonn' und Schild*, BWV 79. Elly Ameling, Janet Baker, Theo Altmeyer, Hans Sotin; South German Madrigal Choir and Consortium Musicum; conducted by Wolfgang Gonnemann (Seraphim S-60248).

Prominently displayed on the cover of this album is a boffo quote from Alec Robertson, a reviewer for *The Gramophone* (a British record mag): "The great chorus in *Ein' feste Burg* rings out with a triumphant sound that is most uplifting, exhilarating, and thrilling... The recording is absolutely superb!" Well...

This is the sort of squashy performance of Bach that was much more common twenty years ago: an oversize amateur chorus, "tasteful" tinkering with Bach's dynamics and phrasing, big ritards and crescendos into cadences. Gonnemann uses some of the most vulgar organ registration I've ever heard in the opening chorus of BWV 80. A lot of the recording is just unbearable. It does have redeeming aspects, but they're not what Robertson's quote might lead you to expect. Simply, the soloists are superb, and especially fine is Elly Ameling. Her aria and duet in *Ein' feste Burg* are far and away the high points of this record. But overall, a much better choice for BWV 80 is Karl Richter's recording for DG Archive, with BWV 140 (*Wachet Auf*) on the flip side.

Michael Praetorius: Dances from *Terpsichore* (1612) and *Motets from Musae Sioniae* (1605-10). Early Music Consort of London; conducted by David Munrow; Boys of the Cathedral and Abbey Church of St. Alban (Angel S-37091).

David Munrow and his consort are perhaps best known for their performances of the Tudor-period soundtracks for the BBC's *Henry VIII* and *His Six Wives* and *Elizabeth R*, seen in this country on PBS. They are an exceptionally versatile group, with a repertoire that spans the Medieval, Renaissance, and Baroque eras. And what a delight this album is! Intonation, so often a problem with early-instrument groups, need not worry you here. I won't try to list all of the felicitous moments, but especially delightful are a bourree played by a



quartet of racketts and a suite of four voltas. Never have I heard better cornetto playing. This is one of those albums I just can't play often enough.

Other noteworthy recordings by David Munrow and the Early Music Consort include discs of English Tudor dance music (Angel S-36851) and music of the Spanish Renaissance (Angel S-36926).

Ludwig van Beethoven: *Missa Solemnis* in D. Margaret Price, Christa Ludwig, Wieslaw Ochman, Martti Talvela; Concert Chorus of the Vienna State Opera and Vienna Philharmonic Orchestra; conducted by Karl Bohm (Deutsche Grammophon 2707080).

Karl Bohm's new recording of the *Missa Solemnis* is a great disappointment. Bohm is one of the pre-eminent Beethoven conductors of our day—his cycle of the symphonies (currently available only on single discs from DG) is one of the best around—but this release does him no credit. His approach is similar to the one he took with the Mozart *Requiem* (DG 2530143). Tempi are very broad, and he seems to want to bring out the

tranquil side he perceives in the music. But the *Missa Solemnis* is just not a pastorale, and all these efforts to make it into one only succeed in making it a bore.

Making matters worse, the soloists are an uneven lot. Christa Ludwig (alto) and Martti Talvela (bass) are exemplary. But the tenor, Wieslaw Ochman, I would not wish on my worst enemy. He scoops and slides around during his extensive solo, *Et incarnatus est*, as though this were *Traviata* or *Boheme*.

My own favorite recording of the *Missa* remains Otto Klemperer's (Angel S-3679). He too adopts generally slow tempi, but his powerful performance really makes them work. Where Bohm's reading is low-key, Klemperer's is full of drama. Other recommendable recordings include (in no particular order) Arturo Toscanini's (RCA LM-6013), Leonard Bernstein's (Columbia M2S-619), and one of Herbert von Karajan's three versions (DG 2707030; stay away from his recent disaster for EMI/Angel). In Janowitz, Ludwig, Fritz Wunderlich, and Walter Berry, Karajan has about the best solo quartet anyone is likely to put together.

— George Harper

Gray nites dull writes

Barry Gray: *My Night People* (10,001 Nights in Broadcasting) by Barry Gray, 191 pages, Simon and Schuster.

First of all, the author of this autobiographical tome may not be a familiar name to people from outside the greater New York area. He is a late night radio talk show host, and if you've heard him anywhere else, it was on tape syndication, where his topicality was bound to suffer.

He is a more than adequate radio performer, but leaves a lot to be desired as an author. There may, in fact, be an interesting story in his life. He didn't write it.

At one point, describing a feud with Walter Winchell that began before most of us were born, he indicates that he and his editor argued over the inclusion of 16 pages of an apparently famous and controversial appearance by Ed Sullivan on his show.

The editor was right to force Barry to be content with a few paragraphs of summary, pushing the 16 pages to the back, with the three pages he devotes to his 30-year marriage. It is a pity the editor did not win more arguments with Gray.

The book is a surprisingly (perhaps

unintentionally) unflattering portrait of a work-obsessed man, unsure of his roots, bearing ten-year grudges over relatively trivial matters, self-consciously liberal in the David Susskind sense. Name-dropping abounds, a condition endemic with talk-show hosts, pointers, emcees, and others whose fame is not their own, but a reflection of those who come to talk to them.

My Night People is fragmented, disjointed, and occasionally repetitive. It is also breezy, conversational, and written in the first person. This book would be must reading for someone who is deeply interested in the business of broadcasting and what it does to the people who work in it. Fans of the program might also care to read some of what went on behind the scenes.

But if you don't approach this book with some reason to be interested in it, the chances of its capturing your attention is slight. Better books have been written by "talent" (as on-air folks are known in the business), most recently Sally Quinn's *We're Going to Make You a Star*, which would make a more worthwhile afternoon of reading than *Barry Gray: My Night People*.

— Gene S. Paul



MIT Symphony season begins

A friend suggested that I begin this review of the MIT Symphony Orchestra's opening concert of the season (given last Saturday, October 25, at 8:30 pm in Kresge) by stating that I had arrived in time for the second half. Though this would be a charitable way of avoiding comment on the problem of the first part of the program, I am honor bound to report that I was indeed in attendance for the entire evening.

It must be admitted that the program, consisting of Tchaikovsky's *Romeo and Juliet Overture-Fantasy*, the *Third Violin Concerto* of Mozart, the *Fantasia on a Theme of Thomas Tallis* by Vaughan Williams, and a suite from Walter Piston's ballet *The Incredible Flutist*, would prove daunting to all but the most polished and professional of orchestras, but David Epstein and the MIT Symphony have established a reputation for miracles in recent seasons. Indeed, most of the trouble was not theirs at all.

The Tchaikovsky began unsteadily, with queasy woodwind intonation, and built to climaxes that were thoroughly quenched by insipid cymbal playing—why couldn't we have a real solid crash?

The spirit of the late George Szell, conductor David Epstein's mentor, was strongly in evidence as the orchestra played the introduction to the Mozart concerto with the clarity and dryness favored by that notable Mozartean. But with the entrance of soloist Sandor Vegh, one could sense a strong clash of styles, as the syrupy nineteenth-century playing of Mr. Vegh contrasted with the rather clipped phrasing of the orchestra. Such a mixture of approaches takes more

than the two rehearsals available to the orchestra-soloist combination on this occasion, and the lack of unity was painfully apparent.

Even more apparent, and even more painful, was a wide discrepancy of pitch that made the whole concerto a teeth-clenched listening experience. Mr. Vegh came on stage with his instrument tuned far from the orchestra's standard, and his hasty retuning at the start did not rectify things. In addition, his pitch was not secure even within his own framework, though the jarring clash with the orchestra may well have disturbed his pitch sense. Mr.

Epstein would be well advised to choose soloists more carefully for compatibility with his own temperament, or else to insist on sufficient rehearsal time to iron out the differences. Sandor Vegh's Mozart might well be a more enjoyable, or at least interesting, experience in a more compatible framework.

After intermission, things went much more smoothly. The lush sonorities of the *Tallis Fantasia* were treated to some of the best string playing I have ever heard from this orchestra, in a performance that was in all ways comparable to the magnificent one

given by the Boston Symphony under Neville Marriner's direction this past summer at Tanglewood.

The MIT Symphony is recording the Piston *Incredible Flutist* suite (though exact plans are being kept under wraps), and the extra work that always goes into a recording project was in evidence on this occasion, with fine playing from all sections of the orchestra and an appropriately jaunty spirit. The packed-house demanded, and received, an encore of the last movement of the suite, and no doubt will await the record anxiously.

— Stephen H. Owades

Pacino in *Dog Day Afternoon*

The Sack Cinema people are really missing a bet on this one.

In *Dog Day Afternoon* they've got a first-class piece of film, an excellent story beautifully performed. But they insist on promoting it as if it were a wildly humorous tale of a semi-historical, badly bungled bank robbery.

Such advertising is an insult to this film. While Sack's ad people haven't stunted in promoting the film—advance ads were running all over town a week before it opened—they're using a campaign that treats Al Pacino's delicate performance in the role of a desperate loser who's about to lose again as if it were a farce. "The bank robbery was supposed to last ten minutes. Twelve hours later, it was the hottest thing on live TV. What?" reads one of their many basic ads. Such treatment this film doesn't deserve.

If you can get over the idea that you're about to see some sort of slapstick, *Dog Day Afternoon* is great.

The story line is adapted from an actual New York City bank robbery that failed a few years ago, but it no more needs that to recommend it than *West Side Story* needs its plot tied with *Romeo and Juliet* to make it a hit. And while there are some humorous moments—most of them mixed with pain—the film's best parts are those which focus on Pacino as he wrestles with the desperate situation that he's gotten himself into.

Pacino has grown up a lot since *The Godfather*. His control, his timing, and his ability to portray a complex character in complicated straits have all improved. His face has gone from continually troubled (his favorite expression as a Mafioso) to infinitely variable, changeable, and expressive. His acting is superb.

There are other fine performances. The tellers who are held hostage by Pacino and his partner take their bit-part roles and make the most of them.

The Irish cop with whom the robbers must negotiate puts his whole soul into convincing the robbers, and the audience, of his sincerity and desire to "do the best thing". Leon, Pacino's homosexual "wife," gives an excellent performance as he describes his breakdown over and love for Pacino—a love story with which most of the audience was distinctly uncomfortable.

The film has its flaws and weak points. Too much is made of Pacino's homosexual relationship without yielding much understanding of his character. And one entire plot sequence, in which Pacino is apparently tempted to sell out his partner in return for a better deal for himself, is left incomplete and underdone, to the detriment of the story, I feel.

But overall, *Dog Day Afternoon* is excellent, suspenseful, powerful, well-done, and moving. And Pacino is great. If only it were promoted properly . . . — Michael D. McNamee

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Grover Higden, the primary donor for the new Grover Higden Laboratories in the MIT Center for Cancer Research, chats with President Jerome B. Wiesner at the dedication of the laboratories yesterday (above). The Higden facility, located in the Seeley G. Mudd Building, includes six labs, a thermal control center, storage space and faculty offices.



Nuclear foes face battle

(Continued from page 3) arguments." The enemy was on the run.

And the conference went on in similar tones as speaker after speaker went over the industry position on waste disposal, safeguards of nuclear material, the economics of nuclear power, and the alternatives. The first day of the meeting reached its peak as Rasmussen told the participants that the time had come for "hard choices" which would lead the nation to reject nuclear's foes and embrace its proponents.

"We've developed a technology that carries a significant advantage," he said, until the economics just outweigh the advantages. Society must decide what level of risk it will accept, and then set the standards, and live with its decisions. There is no other way to make these critical choices."

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MIT

Social science rules to change

(Continued from page 1)
 applicable to the social sciences, according to Myron Weiner, Chairman of the Department of Political Science and head of the task force. Since over one third of the research proposals submitted to COUHES deal with social

sciences, Weiner said, the task force is attempting to determine what can be done to make the guidelines more effective in these areas and to make researchers more aware of the consequences of their experiments. Meeting on a regular basis

since April, the task force considered codes of ethics used by many professional organizations, as well as guidelines currently being adopted by other universities.

"We are just about ready to release a report to the faculty," said Dr. Warren Point, Chairman of COUHES and member of task force, "which may point out some fundamental issues on which the faculty will have to vote."

Weiner is currently working on a draft of the report, which must be discussed by the task force at a meeting on Nov. 10 before any further action can take place.

"We hoped to be done earlier, but the issues got more and more complex," said Weiner. "There are still a lot of questions to settle before the report can be sent to the Provost for approval."

NOTES

* A Putnam Exam review session will be held Tuesday, Nov. 4, at 4pm in Room 2-139. Professor Steven Orzag will discuss topics from analysis.

* Helena McDonough, a nurse and midwife in the MIT Medical Department will speak on "Services in the MIT Medical Department for Women" Wednesday, Nov. 5 at 12:15 in 10-105. The talk is being sponsored by the MIT Committee for the Right to Choose.

* Today is Halloween, and to celebrate the event the Green Building will be turned into a pumpkin. Two students in 4.801 will turn the pumpkin at about 4pm this afternoon.

* Editorial Assistants needed for Work-Study job in various disciplines (economics, law, finance, architecture, management et. al.), the function of the editors will be to review with the principal authors successive drafts for the purpose of promoting clarity, stylistic elegance, coherence, and grammatical correctness. Call Prof. Arthur D. Bernhardt at 253-3747.

* Hillel will hold a Regional Weekend at Dartmouth Oct. 31 to Nov. 2. The topic will be "Sephardim and Ashkenazim." Call Hillel to make reservations. Cost: \$15.

* Teaching Assistants Wanted... The MIT Writing Program has several positions available for qualified undergraduates. Contact The Writing Center, 253-7894, Room 14E-310.

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* Jazz Celebrations presents Poetry and Jazz: *Hallowed Be, A Journey* and other poems by Jack Powers at the "Innesfree School" on Sunday, Nov. 9 at 6pm. It will be held at Emmanuel Church, 15 Newbury St., Boston. Donation: \$1.50.

* The sculpture of Russ Brami will be shown at the Piano Craft Gallery, 791 Tremont Street, between Nov. 13 and Dec. 13. An opening reception will be held on Thursday, Nov. 13, from 6 to 8pm.

* On Wednesday, Nov. 3, at 8pm, Endel Kalam will conduct the Boston University Chamber Orchestra in works of Haydn, Hertzl, and Purcell. On Friday, Nov. 7 at 8pm, Jerome Rosen will conduct the Boston University Repertory Orchestra in its first concert of the season. Both concerts are open to the public free of charge, and will be performed at the School for the Arts Concert Hall, 855 Commonwealth Avenue, Boston. For further information and a free Monthly Events Calendar, please call the School for the Arts Office of Public Relations at: 353-3345.

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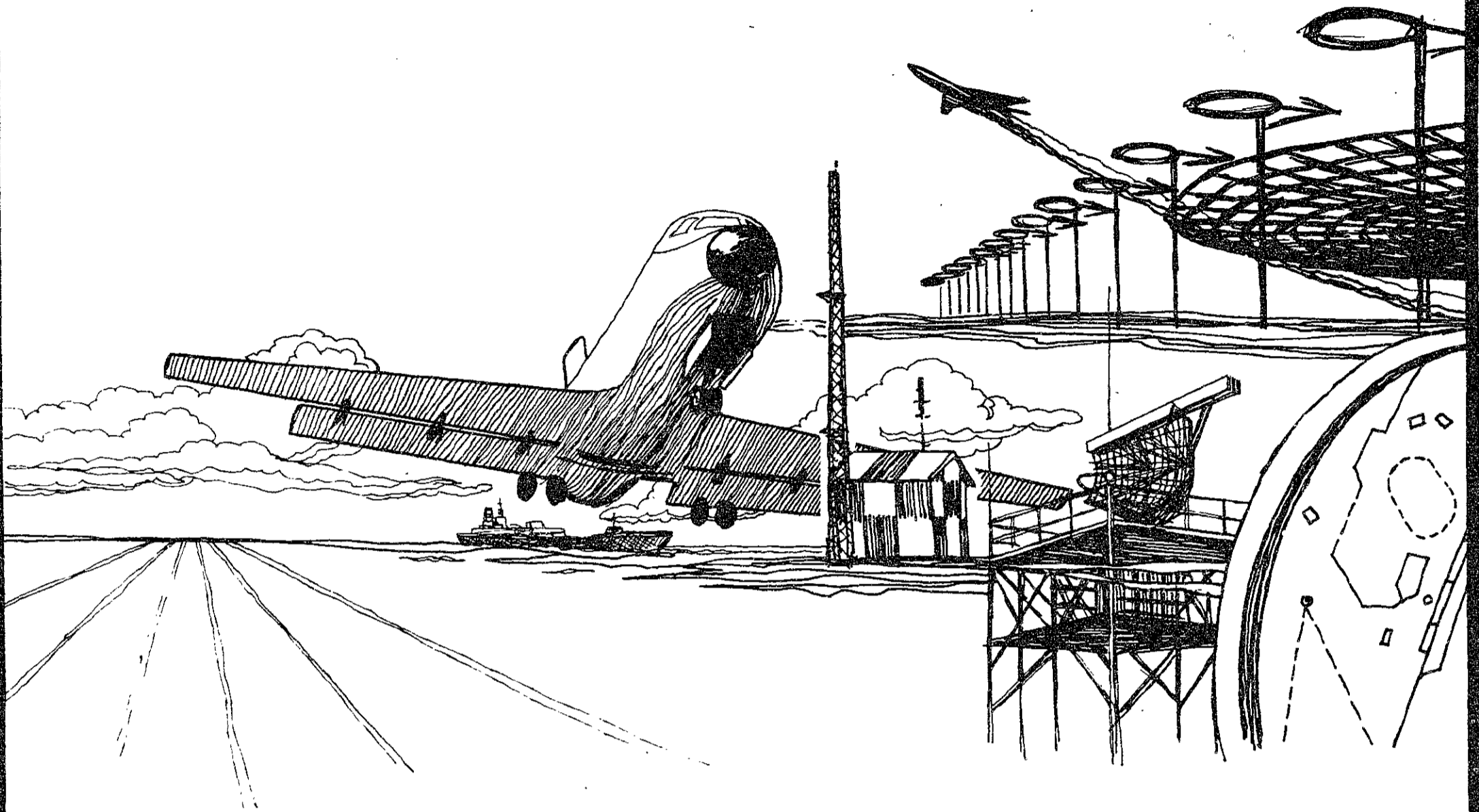
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Nuclear risks low, report says

(Continued from page 1)
 Agency, the report constructs a model which allows 30 percent of the population to evacuate at seven miles per hour, 30 percent of the population to stay in place, and the remaining 40 percent to evacuate at some speed between 0 and 7 miles per hour. The net result, Rasmussen said, increased population risk by a factor of three in the final report.

The study still showed, Rasmussen said, that the worst possible nuclear accident would kill no more than 3000 people. The chance is significantly greater that an airplane would crash into a crowded sports stadium and cause as many deaths, he said.

One of the major objections

to the draft study, Rasmussen said, had been that it did not allow for design and construction errors. Because the failure data for power plant components and systems were based on actual experience from various industries, however, allowance was automatically made for such errors, Rasmussen said.

Rasmussen indicated that the report did not cover anything except the accident risk associated with the operation of light-water reactors — the type which currently accounts for 95 percent of all power reactors in use. Effects of breeder reactors, radioactive wastes, and sabotage were not included, Rasmussen said. He pointed out that because the reactor accident risk was so small, the hazards of

those other areas would represent a sizable fraction of the risks of nuclear power; but, he stressed, these overall risks were still small.

Not only are the nuclear risks much lower than those people regularly accept every day, Rasmussen said, but the public health risks dangers from nuclear power plants are also much smaller than those associated with coal-powered plants.

The report, which was originally commissioned by the old Atomic Energy Commission before its reorganization last year, will be used by the NRC and the Energy Research and Development Administration to assess the advantages of expansion of the nuclear power industry and in future legislation regulating the industry.

Police Blotter

(The Police Blotter is a report written by the Campus Patrol on crimes, incidents and actions on the MIT campus each week.)

A resident of Wood dormitory left his room unattended and unlocked during the day last Monday, and discovered late in the day that a calculator valued at \$400 had been stolen therefrom.

A second calculator, valued at \$105, and \$85 in cash were stolen from a second room in Wood dormitory which was also left unlocked and unattended, when the resident went downstairs late in the day to do some laundry.

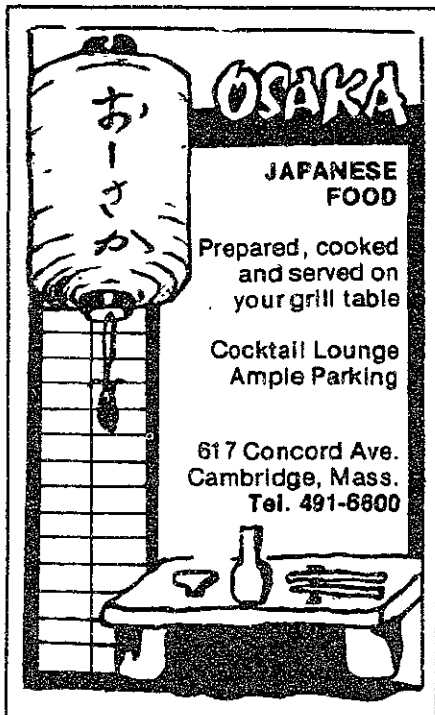
Two unknown subjects attacked and robbed a lone pedestrian on Memorial Drive in the early evening Tuesday. When the victim attempted to defend himself he was struck in the head. While one assailant held him by the throat, the other went through his pockets, taking the \$9 cash the victim had carried. The pair then fled by car in the direction of the BU Bridge.

A patron at the Faculty Club left his briefcase containing a \$300 calculator and a 35mm camera in the Club cloakroom Tuesday evening. Upon his return he discovered the valuables to have been stolen. Other briefcases in the room had apparently been searched as well, but nothing further was reported missing to authorities.

Police in Braintree recovered an MG, at 5 p.m. Tuesday that been stolen from an MIT garage sometime earlier in the day.

Pickpockets were at work Wednesday in both the Muddy Charles Pub and the Student Center. In the former incident a man was relieved of his wallet containing \$40 cash and personal papers; in the latter a woman lost her wallet, with personal papers and \$13 cash. In both instances suspects sat next to the victims, and kept them busy by asking distracting questions while accomplices took the valuables unnoticed.

A 10-speed bicycle valued at \$140 was stolen from the Student Center ramp on Saturday. It had been secured by its owner who locked it with a chain and padlock.



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Sports

MIT third in Head

By Glenn Brownstein

A 22-crew MIT entry combined to place the Engineers third overall in this year's eleventh renewal of the Head-of-the-Charles Regatta, held Sunday. Over 2800 oarspeople competed in 590 shells. Harvard successfully defended its team title, scoring 564 points to the University of Pennsylvania's 541.8 and MIT's 500.9.

MIT's junior varsity heavyweights, who travelled to England this summer to compete in the Nottingham and Henley regattas, placed sixth in the elite eights competition, nine seconds behind the Vesper Boat Club of Philadelphia, which gained a sweep of the feature eights competition by capturing the women's eights race as well.

Princeton, Wisconsin, Yale, and Penn all finished ahead of the Engineers, behind Vesper.

The Engineers' best finish was that of the varsity lightweights, who placed fifth, eight seconds behind the victorious Harvard crew. Cornell was second, with Dartmouth and Navy third and fourth, respectively.

MIT and Harvard economics professor Gail Pierson failed to win the women's singles event (a race she's won five times), placing fifth to Wiki Royden of Radcliffe.

In the veteran singles competition, Associate Provost Hartley Rogers Jr. placed eighth. The only other MIT boats to crack the top ten in their events were the women's fours with cox, which finished ninth, just behind Nebraska, and two minutes behind Yale, the race winner, and the elite fours with cox, which placed eighth.

In other events, Larry Klecatsky and Jim Dietz of the New York Athletic Club each won two events, Klecatsky taking the lightweight singles, Dietz winning the elite singles, and the two combining to win the double sculls.

Yale won the intermediate fours with cox, Cornell won the pairs competition, and Penn captured the intermediate eights race. The day's closest event was the lightweight fours with cox, where a mixed entry nosed out Harvard by 1.3 seconds.

SAE, ATO take A-league crowns

By Glenn Brownstein

Three IM sports have virtually completed their regular seasons, with two A-league titles awarded last week and one to be decided this weekend.

Last Saturday Sigma Alpha Epsilon won the A-league football championship for the tenth time in eleven years, (defeating defending champion Lambda Chi Alpha, 6-0, in a tight defensive game played in a steady drizzle. Both teams had gone into the game at 3-0 with only this game remaining on the schedule.

Wednesday night Alpha Tau Omega defeated the Baker Dead Babies, 15-4, 14-16, 15-6, to win the A-league "living group" vol-

leyball championship. ATO relied primarily on the strong spikes of Dave Mabry '77 to defeat the Dead Babies, who were unable to stop his spikes almost all of the time.

ATO ran up a 9-1 lead in the first game before Baker really got organized, and held on for a 15-4 win. In the second game, though, Baker jumped to a 7-1 lead but faltered, ATO taking advantage and coming back to get a match point at 14-13, but the Dead Babies regained the serve, scoring one point on an unreturned serve and two on spikes by Peter Horowitz '76 to win the game and even the match.

However, ATO took com-

plete control of the match and blitzed Baker in the final game, 15-6, to win the match and the championship.

ATO had reached the finals by defeating Delta Tau Delta, 15-9, 12-15, 15-6, while the Dead Babies had upset a fellow Baker team, Hahvahd (winners of the other A-division) in a closely-contested match, 15-12, 5-15, 15-10.

The A-league "independent" final between Math and Tang was held Thursday night, and will be reported on in the next issue.

Hellenic, last year's A-league champion, and Aero/Astro, the 1974 runners-up, will square off tomorrow at noon to open the IM soccer A-league playoffs.

Hellenic tied for first place with Math in one of the closest A-league races ever, as the two squads finished with 1-0-3 records and 22 points (under NASL scoring rules - six points for a win, three for a tie, and one point for each goal scored up to three), one more than the 1-0-3 Africans.

Aero/Astro finished fourth at 1-1-2 with 16 points, while Nuclear Engineering 'A' placed fifth and out of the playoffs at 0-3-1 and 7 points.

The other semifinal, at 1:30, will pit Math against the Africans. Both games will be played on IM Field B (opposite Burton House). The games will consist of 30-minute halves, with one ten-minute sudden death overtime followed by a penalty kick contest to settle ties.

The A-league final will be held at 11am Sunday on Field B, with the difference that ties will be broken by as many sudden death overtimes as are necessary.

B and C-league playoffs will also take place this weekend. The schedule follows:

B-league (Field B)
Saturday-Semifinals
9:00 1169-Chem. Eng.
10:30 FIJI-SPE
Sunday-Finals
9:00 Semifinal winners
C-league (Field A)
Saturday-Semifinals
12:00 Theta Xi-SAE
1:30 MacGregor C-MacGregor F-G
Sunday-Finals
11:00 Semifinal winners

Sailors 2nd in Yale 420; MIT takes third in Fowle

By Chris Donnelly

The women's sailing team had its most successful regatta of the fall season last weekend, finishing second at the Yale Intersectional 420 Regatta. The men hosted and placed third in the Fowle Trophy, the New England Team Racing Championship.

The women faced eleven schools from the Atlantic coast throughout the two-day regatta. Each division sailed five races in 420's (sloops similar to Larks).

Captain Barbara Belt '77 with Sally Husted '78 crewing finished third in A-Division. Debbie Meyerson '79 with crews Alanna Connors '78 and Diana Healy '78 was low point skipper in B-Division with two firsts, two seconds, and a third. Host Yale won the regatta by four points followed by MIT and Radcliffe.

Ten schools competed in the Fowle Trophy sailed in Tech Dinghies. In team racing four boats from one school sail against four from another school. On Saturday MIT sailed one race against all nine schools. Their record of 7-2 was the second best of the day and advanced them into the semifinals.

In the best-of-three semifinal series, MIT was paired against Tufts, and Harvard faced URI. MIT's team was composed of Bill Critch '77 with crew Audrey Greenhill '79, Paul Erb '76 with crew Steve Gourley '77, Gary Smith '78 with crew George Orlov '78, and Chris Berg '77 with crew Robin Newmark '78.

MIT apparently won the first race of the series, but later lost on a protest decision. Down 1-0, the team came back to win the second race, deadlocking the series. In the third and deciding race, Tufts managed to come from behind on the final leg to win. The defeat had to be the most disappointing of the season, Tufts being ranked number one in the nation. Tufts easily defeated Harvard in the final round 2-0. MIT finished third ahead of URI.

A three-crew team race for the Staake Trophy was held at Coast Guard. The MIT team finished a disappointing fifth, its only win coming against Harvard. Larry Dubois '76 with crew Frank Fay '79, Chris Donnelly '77 with crew John Stahr '78, and Doug Abramson '78 with crew Bill Rizzi '76 sailed for MIT. Dartmouth won the final series and the trophy.

The men host the Schell Trophy, the New England Fall Championships, tomorrow and Sunday, while the freshmen travel to Yale for the Priddy trophy, the Freshman Championships.

Portland edges ruggers, 19-16

By Charles Cox

MIT dropped a close 19-16 decision to the Portland Rugby Football Club last Saturday at the victor's field. MIT blew an early 4-0 lead when a slackening

defense allowed 19 Portland points in a row.

After the Engineers' Rusty Saunders '77 went over for a try early in the first half, Portland ran up fifteen points on two

converted tries and a dropped goal (drop kick), icing the game with another try in the second half.

MIT then went on a scoring binge as Saunders went over for a try and Al Heureux '78 added two more to bring the Engineers within three, but Portland tightened up its defense and held on for the win.

The key on Saturday was speed and back play. Although the Engineer pack was winning more loose rucks than usual, Portland dominated the lines-out with quick and accurate taps to the scrum half. Open field tackling and long accurate kicking made or broke a score.

The Portland 'B' squad made a more decisive showing, beating MIT 12-0 with two tries in the first half and one in the second. Although MIT totally dominated Concord in the set scrums the previous week, Portland played coherent open field rugby, preventing the Engineers from gaining a similar advantage.

MIT tried to capitalize on the kicking abilities of Tom Bryant G by taking penalty kicks at goal from long range and running under them when they fell short, attempting to push over a score, but Portland turned the Engineers back every time.

Sporting Notices

This year's Class Day competition will be held Saturday, November 8. Fees are \$5.00 for each four and \$10.00 for each eight entered in the annual intramural crew competition.

There will be a meeting Friday, Nov. 7 at 7:30pm in the Boathouse Lounge to draw lanes for boats in Saturday morning heats. One individual can represent more than one boat, but all crews must be represented.

The IM Cross-country meet will be held Sunday Nov. 9. Registration will begin at 10:30am, with the race to start promptly at 11.

Team entries (at least four to a team) are due in the IM Office (W32-121) by 5pm Wednesday. Individual entries will be accepted until 10 minutes before starting time.

IM Hockey team entries and rosters are due by 5pm Friday, Nov. 7 in the IM Hockey mailbox (W32-121). Late entries will not be accepted.

The 1975 IM Wrestling tournament will be held on Saturday, Nov. 15 in the duPont Wrestling Room. Team rosters are due by Monday, Nov. 10 at 5pm in the Wrestling mailbox (W32-121).

There will be a seeding meeting Tuesday, Nov. 11 at 8pm at Sigma Alpha Epsilon, 484 Beacon Street, Boston. An athletic chairman or representatives from each team is urged to attend.

Women's swimming team practice begins Monday at 4pm at Alumni Pool. All interested in competing for the team should attend the first practice.

Starting Friday, Nov. 7, all users of duPont Gym and locker room must present a pass card, obtainable at the equipment desk, to the gym supervisor at the gym door (weekends only). Reasons for the new policy are to screen out non-MIT people, to reduce locker thefts, and to insure an efficient reservation program on the gym floor.

Soccer falls to Tufts

By Greg Fenton

The MIT soccer team lost 3-0 to Tufts University, Tuesday. Neither team played impressively in the game, yet Tufts managed to win rather easily.

MIT played a rather lackadaisical first half which was only slightly inferior to the performance by Tufts. The 1-0 halftime deficit came from a free-man play, where the uncovered man got off a shot that was only partially blocked.

There was better movement in the second half, yet MIT still played more poorly than Tufts. One goal came when, after several deflections in front of the MIT goal, a Tufts striker got an easy shot. Tufts scored for

the final time on a penalty kick later in the half. Behind 3-0, MIT began to move more easily and started to control the play, but could not score.

There are many questions about why the team plays well at one time and yet looks disorganized on other occasions. Perhaps they are unanswerable, but certainly lacking in the team now is some offensive threat. The defensive-minded lineup was not prepared for the loss of their best ballhandlers. Though some bright spots show through in each game the scores have not reflected them.

The next game will be home this Saturday against Colby College. Game time is 2:00.



MIT varsity soccer co-captain Greg Hunter '76 moves in front of Tufts forward John Prandecki's shot in the Engineers' 3-0 loss to the Jumbos Tuesday afternoon.

Lee Lindquist