

The Northerner

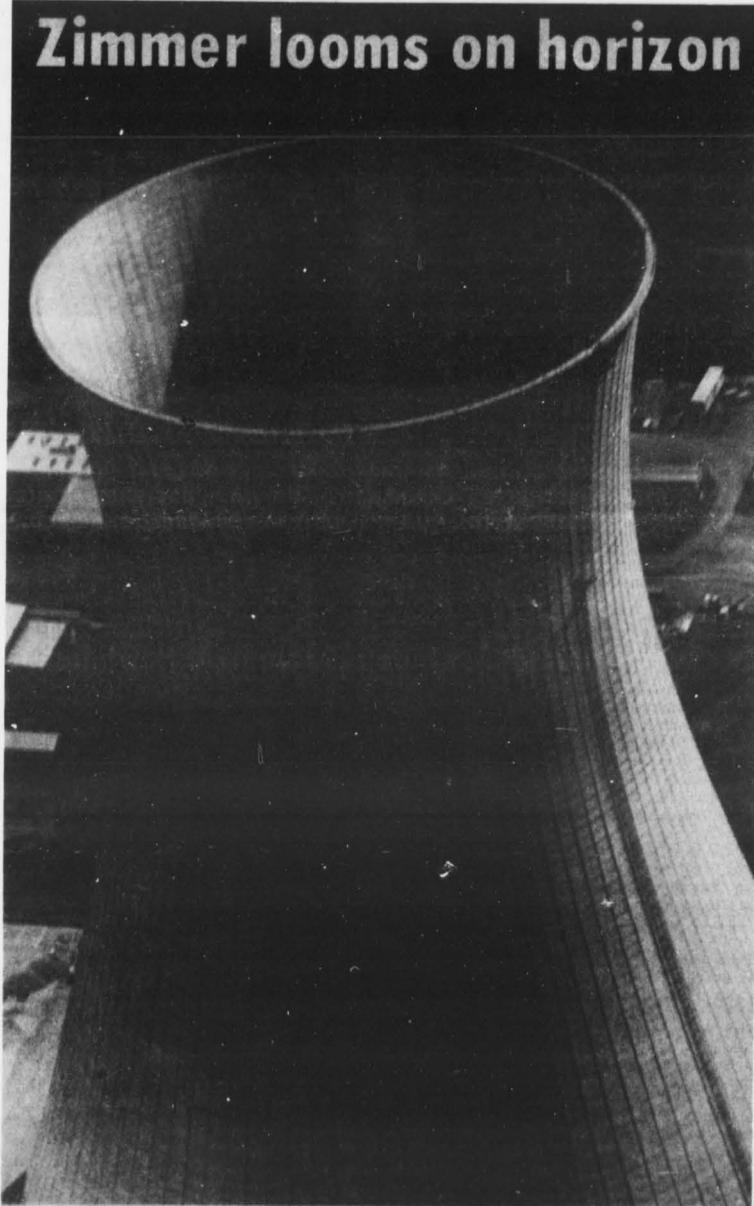
Volume 8, Number 5

Northern Kentucky University

Friday, October 5, 1979

Northern differs about nuclear power outlook

Zimmer looms on horizon



A telephoto lens captured this view from 1,500 feet of the cooling tower at the William H. Zimmer Nuclear Power Station in Moscow, Ohio. Concern over the impending opening of the plant has spread to Kentucky, as area residents, including NKU students, band together in protest of nuclear power. See stories, pages 6-7. (Chuck Singleton, photo)

Northern Kentucky University
Library

Faculty debate nukes

Page 5

Worker exposes hazards

Page 6

Energy solution sought

Page 7

Student energy poll

Page 6

Foundation takes half of UC gameroom return

by Jay Bedson
Northern Reporter

The University Center gameroom took in \$35,000 last year, according to Bill Lamb, Center director.

Over half of that money went to the University Foundation, which provides funding for scholarships, purchasing power for the university, and academic assistance.

According to Lamb, the gameroom acts on a contract agreement with the State Purchasing Board in Frankfort and a selected vendor from the Kentucky-Ohio area.

"Vendors from Kentucky and Ohio bid on the project, promising such services as pinball machines, pool tables, jukeboxes, etc. for a certain percentage of the gross," he explained.

"Under our current agreement with Wall Vending, the university received 55 percent of the gameroom gross while the vending company received 45 percent," he added.

Originally, the 55 percent revenue from the gameroom was placed in the

university's general fund, while a certain percentage went to the gameroom itself to provide maintenance and personnel, Lamb said.

Now that money is given to the University Foundation.

"Three years ago, the University Foundation asked the Board of Regents for operating rights of all campus vending machines. This would give the Foundation all the profit from the machines," Lamb explained.

"Over the summer, University Foundation Director Don Ransdale asked if the funds from the gameroom could go to the foundation. I agreed," he added.

The gameroom itself still maintains control over the funds used for operation and personnel, which are allocated from the general fund.

At the beginning of this semester, the University Foundation agreed to pay NKU \$15,000 in order to secure the funds from the gameroom, Lamb said. In return, Ransdale said they expect to receive \$15,000 from the gameroom at the close of the 1979-80 school year.



Toys in the Attic

Patrice Donnell (left) portrays Carrie Berniers and Margie Murphy is Anna Berniers in a scene from NKU's theatre production "Toys in the Attic." The production opens tonight at 8:00 p.m. on the Fine Arts Center Main stage. (Chuck Singleton, photo)

News capsule

Thief grabs faculty art

One less photograph hangs in the faculty art exhibition in the Fine Arts Building, due to a burglary which occurred late last week.

The photograph was the work of Barry Andersen, assistant professor of art, who first noticed that it was missing last Friday, Sept. 28.

The theft occurred between Wednesday, Sept. 26 and Friday, Sept. 28, according to DPS officer Dan Bates. Bates said he noticed the photo was there while he was making normal rounds on Wednesday.

Andersen said some other pieces of art were almost stolen during the summer. Several works were found by a theatre employee at the rear exit of the Fine Arts Building.

Those would-be thieves were either scared off or had intended to return and pick them up when all was clear, he said.

"At least theoretically," all the works are insured, Andersen said.

Truman scholarship

Applications for the Kentucky Administrative Intern Program are now being accepted by Dr. Joseph Ohren, chairman of public administration. The program provides an internship in state government, combining full-time experience with a well structured academic program.

Criteria used in selection will include: an overall grade point average of 2.6 or better, junior or senior standing, and U.S. citizenship or Kentucky residence. No academic major is excluded.

Applications for the 1980 spring-summer semester must be submitted to Dr. Joseph Ohren, Landrum 433, by Oc-

tober 15, 1979. For further information call Ohren at 292-5327.

SG elections

Nineteen students will vie for 11 Representative-at-large positions in NKU's Student Government elections next week. Elections will be held Monday, Oct. 8 and Tuesday, Oct. 9.

Poll hours and locations are as follows: 2nd floor Science Building, 9 a.m. to 2:30 p.m.; 3rd floor Fine Arts, 10:30 a.m. to 2 p.m.; UC plaza level, 11 a.m. to 1 p.m.; UC lower level, 11 a.m. to 6 p.m.; 1st floor Nunn Hall, 5 p.m. to 9 p.m.; main building Chase Law School, noon to 1 p.m. and 5 to 6 p.m.; and 1st floor Landrum, 9:30 a.m. to 2:30 p.m. and 5:30 to 8 p.m.

All NKU students with a valid i.d. card are eligible to vote.

Provost search

Dr. N. Edd Miller, Communications department chairman has been appointed chairman of the six-member Provost Search Committee.

All faculty members qualified for and interested in this position should submit an application and three letters of reference to Miller by Nov. 9, 1979.

When candidates are brought to campus later this fall, times will be arranged for all faculty to meet each of them.

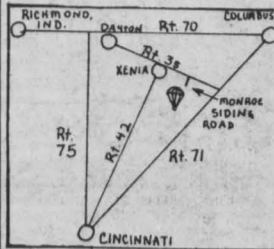
The search committee includes Dr. Miller, Dr. Nick Melnick, Christine Stiegler, Kamilla Mazanec, Dr. Thomas Kearnes and Kathy Sponser.

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Viewpoint

Utilities must bear burden of A-plant safety

The debate over the use of nuclear energy is vast and very complex.

To adequately cover the subject would take more space than this, or any other publication, could allot to it.

Like the Vietnam conflict, some of America's most dedicated citizens have been divided on the issue.

Scientists working in the field of nuclear fission can't even agree on its use or controls.

All of these are excellent reasons for the United States to put an immediate moratorium on further construction of nuclear power plants and to begin a cut-back of plants now in operation.

Although it is tough to admit mistakes, the NRC, as an arm of the federal government, should concede that it is not prepared to investigate or correct federal infractions registered by commercial nuclear operators.

Assessing industry standards doesn't have to dictate the complete demise of nuclear power as an alternative to the energy shortage.

But it will assure corporate executives that the American people are not willing to stand by as guinea pigs while they boost their net profits.

Americans sat passively during the Viet-Watergate era while their leaders sold them down the river. It is doubtful, as noted by the recent rally in New York which drew 200,000 nuke dissenters, the people will be willing to let officials have a free hand in deciding the serious question of nuclear usage.

To push nuclear energy through without the installation of stringent safeguards is not only foolish but, in the long run, could be criminal.

There are solid arguments which hold that even in the event of a nuclear meltdown, the radiation released would not be devastating.

This line of thinking states that not only are the chances of a meltdown slim, but because the results of such an occurrence cannot be accurately calculated, the country should not be panicked into backing away from fission fuel.

However, in the same token, the country should not be lured into the belief that we can no longer endure without nuclear.

Perhaps in the long run nuclear energy is inevitable, but thinking CG&E will shut off our lights tomorrow without Zimmer is to underestimate business ingenuity.

Further use of coal and development of solar, along with conservation, can nullify reliance on nuclear energy until the hydrogen fusion process is perfected, or industry shows a responsibility in guarding against Three-Mile Island type accidents.

On the 30th anniversary of the bombing of Hiroshima, a declaration signed by over 2,000 scientists was sent to Congress calling for the suspension of nuclear power plant construction until contro-



verses about safety, waste disposal and plutonium safeguards can be resolved.

Recently, the Union of Concerned Scientists (UCS) drafted a report based on statements of NRC and other government officials released under the Freedom of Information Act which questioned safety code violations.

"Federal inspectors devote little time to inspecting reactor facilities directly, instead focusing their efforts on auditing records prepared by plant management, records whose accuracy is essentially taken for granted," the introduction to the USC report stated.

Behind UCS's drive for safety checks are numerous nuclear near-disasters which make Three-Mile Island look like an out-take from the movie "China Syndrome".

Three men died in an Idaho nuclear plant in 1963 when reactor rods blew apart, impaling one man to the ceiling. The reason for the accident still remains a mystery.

In 1975, a fire inside a Decatur, Ala. plant raged out of control for seven hours, crippling the primary and back-up safety systems. Operators were able to save the world's largest reactor by manually shutting it down.

The Enrico Fermi reactor in Detroit was dismantled after a partial meltdown in 1966, when metal plates installed without the approval of the Atomic Energy Commission broke loose and block-

ed the flow of vital coolant to the reactor.

Other plants have experienced similar mishaps, and radiation dump sites in Colorado and Kentucky's Maxie Flats have had problems with high radiation levels.

If the power companies respected human wellbeing as much as the almighty dollar, they could easily clean up their act on safety discrepancies.

Refusing to accept solar and other alternative energy sources might be the option of the bureaucratic elite which controls technology. But declaring nuclear energy as the most viable power source for our country does not permit failure to observe standards.

Before the country should accept nuclear power, the NRC has to force the electric utilities to establish strict guidelines.

Whether accidents like Three-Mile Island are serious enough to abolish the use of nuclear power remains the great question. But as long as the federal government and the power companies expect us to permit needless nuclear accidents there is going to be discontent.

We may have no choice but to follow the whim of CG&E in regard to the Zimmer plant. However, the people of Moscow and Northern Kentucky should not risk high radiation levels, meltdowns, contaminated waste, or possible death for a short-term energy salvation.

—Corky Johnson

Elevator rudeness bewilders senior student

Dear Editor:

This is my fourth semester at Northern Kentucky University. From the beginning I was impressed with the faculty, students, and the general attitude here.

However, something occurred on the elevator twice in eight days, and both times I was stunned. Six or seven students were in the elevator, and as I was the last to enter, I stood of necessity in the center front, and should have been the first to exit. But not so: two young men, one on either side,

jostled me and raced out, laughing. The same thing occurred again eight days later. I use the elevator only because it is necessary.

Letters

I choose to believe the young men were unaware of their actions. Their rudeness and lack of courtesy bewilders me.

It is a privilege to receive a college education, but that involves more than book knowledge; it also includes courtesy and manners.

You see, I am a senior citizen, and I also wish to enjoy and cherish pleasant memories of my university days.

Sincerely,
Mrs. Kay Schutte



Opposite views

Beirne-Ryan split on nuke energy issue

Anyone who thinks that the automobile (gas stove, bicycle, ice pick, garbage can, Q-tip, bow and arrow, tomato, wheel, fire, water) is perfectly safe probably thinks that man can get to the moon. Oh, really? How did they do that?

To quote a law the author of which I have mercifully forgotten, as soon as you are born, you are done for. However, any day now, I expect to find some food, activity, or obscene position of my body that is perfectly safe, and then I am going to stay with it forever, and so I will never die.

Some people will die from the use of nuclear energy. A few already have—from electrocution, while using or abusing electricity generated by plants. I suspect that, any day now, someone may die from radiation generated by a nuclear plant. Then nuclear energy will only be 14,999 deaths, or so, behind the number that coal mining generated just last year. I don't think I can stand the acceleration.

50,000 people a year die from use of automobiles as blunt instruments. But then, automobiles make possible an economy that keeps an untold number alive and comfortable. Electrical energy makes possible additional human life, relatively secure human life, occasional-ly even comfortable human life. Everything that makes life possible costs life. The more life you make possible, the more risk you take.

Occasionally, by making things possible, you make enormous risks necessary. It is not possible to have a San Francisco without putting too many people together over the San Andreas fault. We would be much better off to scatter the bodies before nature does.

Dr. Ken—
Beirne

Assistant
professor of
political science



—Dr. Michael
Ryan

Assistant
professor of
history



We know it is going to cost. Now, while I, for one, am ready on a moments notice to permanently disband San Francisco as a public service, those who think the city is cute are willing to accept the certain disaster for the cultural thrill. It is a better way to live than to lock yourself in your room for fear of Friday the 13th.

Actually, the only reason we debate nuclear energy is because the last generation's eco-freaks convinced the feds it was safe, and so now it is subsidized enough to make it more profitable than old, ugly, dirty fossil fuels. Next year we will prove that solar energy causes rickets. The only things capricious around here are the whims of those who are scared sootless, and go bouncing around from trauma to trauma. Profit seeking, by comparison, is as rational as an apocalyptic syllogism.

So let us continue with nuclear energy, as part of a nationwide balanced commitment to fill the world hip deep in energy. Murphy's law is hereby repealed. In case you have not noticed, almost everything works, almost all of the time. Except faculty.

—Ken Beirne

Anyone who believes that nuclear fission plants are perfectly safe probably also thinks that Hiroshima and Nagasaki are a Japanese tag team which wrestles weekly at Music Hall.

Murphy's Law—"If something can go wrong, it will"—is applicable to nuclear power. As Three Mile Island vividly attests, anything designed by man can malfunction. Even if the technology were perfect, which it can never be, the human factor renders blunders inevitable. The only question concerns their magnitude. Perhaps we will be lucky and errors will cause minimal harm; perhaps we will be unlucky and the results will be thousands of deaths, billions of dollars in property damages, and uninhabitable wastelands. Is it worth the risk?

Even if a melt-down never occurs, these plants still will emit radioactive materials into the environment, producing genetic effects on humans which may not be manifest for generations. We do not need any more mutations—we already have enough history teachers. Moreover, when a plant completes its useful life of approximately forty years it must be entombed for centuries to prevent contamination of surrounding

areas.

Proponents of nuclear power talk as if the only alternative to their chosen poison is energy impoverishment. Lest I be accused by them of serving as a paid agent for an Arab oil sheikh or an advocate of economic stagnation, let me propose that we pursue the feasible options of greater reliance upon coal in cleaner plants equipped with scrubbers, solar energy and conservation. Experimentation in safer nuclear fusion should also continue.

The actual reason for the enthusiasm with which utility companies have embraced nuclear power is simply its potential for greater short-term profit. Utility executives are slaves of the ledger book, concerned above all with propitiating the stockholders. This same mentality, which has brought you such wonders as carbon tet spills and strip mining, now offers you radioactive emissions. What could be more rapaciously American?

Life is indeed full of dangers, but many are voluntary. People choose to drive cars, smoke, or hunt for prostitutes in Newport alleyways. But we have little control over where CG&E may capriciously locate a nuclear plant.

Nuclear fission plants toss dice with human lives. The threat of catastrophe by far outweighs the luxury of allowing every pampered suburbanite to buzz contentedly through life with an electric toothbrush in one hand and a microwave waffle warmer in the other.

—Mike Ryan

Tell us what you think

The Northerner wants to hear your ideas and comments. We welcome and encourage letters to the editor, provided they meet the following requirements:

1. Please limit letters to 200 words.
2. Deadline for all copy is noon on Monday.
3. All letters must include the author's signature and telephone number. We will protect your anonymity.

The Northerner

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The Northerner reserves the right to regulate the typographical tone of all advertisements it considers objectionable.

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Worker takes gripe to NRC hearing

by Bev Yates
Northern Managing Editor

"If they built airplanes like they build nuclear power plants, no one would fly."

Ed Hofstadler, former manufacturing engineer for Husky Products, Inc., Florence, has little confidence in the safety of nuclear power plants.

His concern is quality control; specifically, the lack of it in the construction of the William H. Zimmer Nuclear Power Plant in Moscow, Ohio—a concern that resulted in a Nuclear Regulatory Commission investigation of Husky Products and his subsequent testimony before a NRC hearing last summer.

Husky Products welds electrical cable trays for industrial use. In 1974, the company contracted with Cincinnati Gas and Electric (CG&E) to make the trays now installed in the Zimmer plant. It was Husky's first nuclear power plant contract.

According to Hofstadler, parts for nuclear power plants must meet stringent specifications known as 10CFR50 requirements.

"On this job," he claimed, "flagrant and serious non-conformance occurred." Hofstadler's contentions surfaced in a letter written shortly after he was laid off by Husky in August, 1978.

"I told everybody who can do something about it," he explained. "I sent copies to everyone involved: industry, Ralph Nader's guy, the NRC."

"I'm something happens (at Zimmer), I've got a responsibility," he continued. "The strangest thing Hofstadler's allegations in the claim that Husky employed unqualified welders to construct the trays, which in turn affected the quality of the product."

The problems began at the outset of the project, he said.



Ed Hofstadler

Because the Zimmer job was the first to require the use of certified welders, Husky contacted Gladstone Laboratories, Cinn., with the intention of developing a welder certification program.

"They did this, and then tested all the welders," Hofstadler explained. "Without exception, they failed the tests miserably."

He said Husky contacted other welding engineers, such as Lee Spiveck, Technicon School of Welding, Cinn.

"Husky then proceeded to work on their own in crash programs in which the welders finally welded one piece which would pass a bend test," Hofstadler continued in his letter.

"This welder then became 'certified' by Husky," he continued. "However, what is critically important is that nothing occurred to the quality of production welds...Just a few weeks ago one welder was tested over 60 times before he finally made a test piece which was only marginally acceptable. Now he is a Husky 'certified' welder."

Then in May 1978 Hofstadler visited the Zimmer site with Fred Banta, his supervisor.

"They wanted to know what our recommendation would be for fire protection. They show us the trays, and the first thing I see is that they are just loaded with cables. And we made those things with poor welds. I told myself. I expected them to be half full, but they were overloaded."

"On the way home, I mentioned to Fred 'Did you see those trays loaded with cables?' He said yes, he had never seen trays loaded like that."

However, when Banta testified before the NRC, he could not recall any such conversation.

"Banta knew those welds were bad," Hofstadler insists.

"A week or so after that, Banta worked up a welding program," he said, which began with the testing of the welders. But after the first two failed, he claims Banta told him not to test anybody else and to tear up the records.

"I told him to tear it up himself. He was mad," Hofstadler continued. During the June 23 NRC hearing, Banta denied ever telling Hofstadler to destroy anything.

"He (Hofstadler) can't even give me enough procedures to tell me what he's been talking about," Banta said.

The NRC investigators "found more wrong than I told them," Hofstadler said.

But proving his point during the hearing was not easy. Hofstadler is in the "Nuclear power plants are fairly new and we have already had a serious accident," one student said.

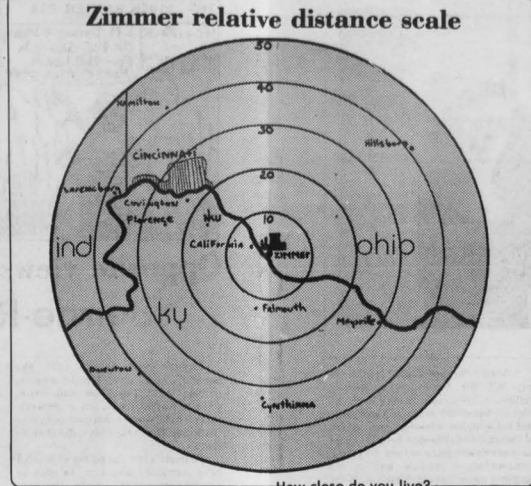
Another added, "No, they are not safe and the incident in Pennsylvania is a good example."

Others argued the use of Three Mile Island as an example of nuclear safety on the whole.

"Three Mile Island was a rare occurrence which was magnified greatly by the media."

"I think modifications could be made to make the plants safer," one student offered while another specifically suggested that the "coolant systems be perfected," and added "Three Mile Island could have easily been prevented if more precautions had been taken."

Nearly all of the 72 students who said they felt nuclear power plants were safe said so with some hesitation, and



How close do you live?

According to David Altenuche, CG&E spokesman, "Safety is of great concern to us, and we do everything in our power to insure that those conditions exist."

"There is not a word of truth in the charges," he said.

"The gist of the problem, Hofstadler said, is 'poor attitude.'"

"We're going to have nuclear energy, even if it's undesirable. And as long as it's in somebody else's back yard most people are not going to worry about it."

"O.K., then, the least we can do is insure quality parts in these plants."

The above graph shows the distance that separates the Zimmer nuclear power plant from most Greater Cincinnati communities. According to data provided UC professor Dr. David Fankhauser and Cincinnati Gas and Electric, high winds could carry radiation as far as 50 miles north of the plant.

Science faculty opinion

Nuclear debate surpasses reactors

by Jay Bedson
Northern Reporter

The age of nuclear energy is here. And with it come questions stemming from the safe operation and credibility of nuclear power plants.

The problem with nuclear energy does not lie merely within the use of the nuclear reactor alone as pointed out by several NKU science professors, who expressed their views on the subject to The Northerner.

Dr. Mike McPherson, associate professor of physical science, feels that nuclear energy is a sleeping giant that has come alive to eat us. He pointed out that it is a useful energy, yet one that has a great deal of problems.

"I feel that nuclear energy should only be looked at as a last resort where other sources of energy are not available," observed McPherson.

McPherson also said that nuclear has some severe drawbacks, stemming from the use of dangerous toxic substances to the storage of radioactive waste materials.

"In addition to storage problems here at home the United States, under accord of the Atoms For Peace Agreement, is currently shipping the radioactive waste of nuclear facilities from other countries in order to prevent them from producing nuclear weapons," observed McPherson.

In agreement with McPherson, physical science professor Geraldine Grube feels that if the initial source of power is going to run out within years to



Dr. Michael McPherson

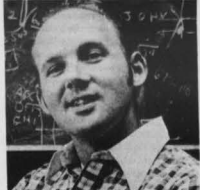
come, then nuclear energy isn't worth working on.

"If we aren't going to use the breeder reactor to find solutions in nuclear power then we might as well develop alternative sources of energy," she explained.

Dr. Thomas Rambo, associate professor of biology, shares McPherson's thoughts on the storage of nuclear waste and feels that the answer lies within alternative sources of energy.

"Storage of radioactive waste is a major problem of nuclear energy and I don't think that we will have the storage problem under control in 10 years as some experts believe. And although I am ambivalent about the nuclear issue, I feel that we should look to alternative sources of energy such as solar and wind," he said.

Rambo, who lives within a mile of the Zimmer power plant, feels that nuclear energy can be a useful source of power as long as the environmentalists have a say in its operation.



Dr. Jim Thomas

"Nuclear energy, as we now know it, is not safe. Man is extremely fallible and Three-Mile Island is proof of that," noted Rambo.

"I think people are going to have to realize that environmentalists are not obstructionists to progress, but rather view them as concerned people who say you can pay now or pay later as far as nuclear energy is concerned," he said.

Yet in summing up the fate of nuclear energy here or anywhere, Dr. James Thomas, assistant professor of psychology, expressed what could be the most important factor.

"As scientist, decisions can and should be made objectively without bias or personal feelings," he said.

"However, when you have an ambiguous situation such as the use of nuclear energy, that involves heavily emotional issues like dying and whether or not you will have heat, it becomes very difficult to make objective decisions without concern to bias or personal feelings," Dr. Thomas explained.



NKU student Irene Norton (left) and fellow members of Citizens Against a Radioactive Environment sit in protest before the gates of the William H. Zimmer nuclear power plant in Moscow, Ohio in June. (Bev Yates, photo)

He said that he would join an on-campus anti-nuclear group if one materializes.

Chip Root, president of the NKU Environmentalist Club, said, "Most of the members of our group are anti-nuclear, but we don't want Zimmer to be our main issue. We emphasize the immediate problems on campus."

There is an anti-nuclear group forming on campus, but no one seems to

know specifics about the group. While Holt readily admitted that he would be interested in such a group, Williams feels the group seems to be taking the wrong approach.

"I spoke with Irene Norton, who is helping to organize the group, about joint meetings with ZAC, and she did not feel that it was a good idea," she said. "I doubt that I would join an on-campus group."

Zimmer plant hits home to Ky. citizen activists

by Jackie Moore
Northern Reporter

Northern Kentucky, facing the opening of Zimmer Nuclear Power Station in Moscow, Ohio, is no different than the rest of the country in its concern about nuclear energy. Housewives, scholars, and even NKU students are banding together to fight the licensing of Zimmer.

One student actively involved in the anti-nuclear movements is Kate Williams. A member of C.A.R.E. (Citizens Against a Radioactive Environment), Kate has participated in the Ohio Zimmer Area Citizens (ZAC) vigil at Zimmer this summer, when CG&E brought the fuel, uranium, to the plant, as well as helping to form the Kentucky Zimmer Area Citizens, which held its first meeting in Cold Springs in July.

She also helped organize the rally at Zimmer on June 3, served on C.A.R.E.'s newsletter, and testified against nuclear power before the Nuclear Regulatory Commission hearings in Cincinnati in August.

Another student involved in the anti-nuclear movement is Chris Phelen, who lives 18 miles down-river from Zimmer in Ross, Kentucky.

"Most people have misconceptions about those of us who are against nuclear power," he said. "We are not weird revolutionaries, but concerned citizens who have looked into nuclear power objectively and find it an absurd way to look at the future."

A former member of C.A.R.E., and now involved in the Kentucky ZAC, Phelen attends meetings whenever possible and attended the June 3 rally at Zimmer.

Roy Holt, Alexandria, has been involved in the movement against Zimmer since last May. He helped plan the 24-hour vigil in front of the CG&E building on August 26, and demonstrated at the Zimmer rally in Moscow in June, where he supported Irene Norton, another NKU student, who was arrested at the demonstration.

Holt feels that Zimmer should not be allowed to open. "Nuclear power seems like a useless risk, especially in this area. Coal is a good alternative."

Students question safety of nuclear energy

According to a recent student opinion survey conducted by The Northerner, the NKU student body is evenly split—19 against nuclear power plants and 113 for—in its attitude towards the use of nuclear energy.

Pro-nuclear students explain their view:

"Our energy needs are increasing so rapidly, nuclear power plants are becoming essential."

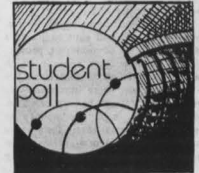
"It is an inexhaustible fuel source which we are in desperate need of."

Anti-plant students argue, "It's a not worth taking the risk."

Almost half of the students who did support the use of nuclear power plants had some reservations regarding their safety.

"I favor power plants if and when they find everything out about them and open about it."

Another pro-nuclear students adds, "If any questions are ever raised about the side effects being found then it should be stopped."



over two-thirds felt that the plants were unsafe at this time. The majority of that two-thirds were concerned with the future problems, such as the possibility of nuclear waste.

"A major problem is that nuclear power plants can only operate for a limited time but the waste lasts forever!"

"Disposal is the main problem. Uranium and plutonium both have lives of thousands of years!"

"Immediate danger and past ac-

idents" ignited safety questions as well. Nearly half of those surveyed were reminded and made mention of Three Mile Island, a debatable issue in itself.

"Nuclear power plants are fairly new and we have already had a serious accident," one student said.

Another added, "No, they are not safe and the incident in Pennsylvania is a good example."

Others argued the use of Three Mile Island as an example of nuclear safety on the whole.

"Three Mile Island was a rare occurrence which was magnified greatly by the media."

"I think modifications could be made to make the plants safer," one student offered while another specifically suggested that the "coolant systems be perfected," and added "Three Mile Island could have easily been prevented if more precautions had been taken."

Nearly all of the 72 students who said they felt nuclear power plants were safe said so with some hesitation, and

suggested more research be initiated to insure safety.

"From my knowledge nuclear power plants are safe only if proper safety procedures are consistently maintained."

"More study should be done on how to keep them safe and prevent accidents."

Few students, only 30, lived less than 20 miles from a plant. Twice as many lived between 20 and 50 miles from a plant and almost 2/3 of the students lived over 50 miles from a nuclear power plant.

However, the individual's nearness to a nuclear power plant had no real effect on their opinion.

Students supporting nuclear plants had no comments whatsoever on the nearness of a plant to their homes.

One student summed up the overall opinion of those anti-nuclear students, "whether next door to me or on the other side of the Earth the existence of a nuclear plant would pollute my home. Everything that happens on the Earth has an effect on everyone else."

'Screecher-feature' timing captures 'Stranger' viewers

Who can forget those adolescent-pubescent years spent babysitting? Long, lonely Saturday nights. Bribing the brats to get them in bed (I'll give you back G.I. Joe's head if you get in); threatening them so they'll stay there (I'll let Spunky eat G.I. Joe's head if you don't go to sleep!). Homework that never got done, television late, late shows, telephone conversations with other babysitting friends, and ah, yes, those unrecognizable noises that disturb your concentration on one or all of the above.

Who can forget also, during those formative years, "fun" slumber parties on Friday nights. Sitting around in a circle, propped against our sleeping bags, trying to gross each other out with "scary" stories. It never failed that someone would tell the dreaded "babysitter's nightmare."

If you had forgotten, the film, "When a Stranger Calls" will make you remember. In fact, it is based on that very story:

Kids upstairs asleep, the babysitter starts getting a number of phone calls from a strange man who, in an ominous voice, repeatedly asks, "Have you checked the children?" She calls the police and they trace his next call. Oh No! He's calling from inside the house! Rushing to escape, she fumbles with the lock on the front door. Suddenly a bedroom door opens upstairs. The shadow of a man is seen on the wall by the staircase. Will she get out in time?



—Donna Milkowski

That is the point where the story always ended, leaving us hanging in suspense. That is only the beginning of "When a Stranger Calls" however.

A time lapse of seven years occurs in the film, and you can guess who is stalking the streets after escaping from the mental institution he'd been sentenced to the seven years previously. The sergeant in charge of that case at that time is now a private investigator hired to track down the maniac, Kurt Duncan.

All I will allow myself to reveal about the rest of the film is that fright and frenzy make strange bedfellows as the past comes back to haunt.

To my surprise, I was not disappointed in the movie. I truly expected another rip-off, assuming the advertisement to be better than the film itself. Not so.

Timing is essential in a screecher-feature. You have to catch the audience off-guard for the best scare effects. "When a Stranger Calls" handles it to the utmost. There's a certain amount of predictability. It's expected of any film, but there's a limit. What I thought



would happen did, but not when I thought it would. My timing was off, but my screams came right on cue.

It doesn't take much to scare me in the first place, but after this I am afraid to open my closet door, I will not answer the phone, and I sleep with a light on.

Carol Kane as Jill Johnson, the babysitter, has the looks to fit the panic-stricken victim she becomes. Her eyes are enormous, and as they scan her surroundings, it almost seems like an exaggerated effort to make us believe she is seeing more than really is. But, of course, we find out she isn't.

"When a Stranger Calls" is frightening, but not bloody nor especially violent. It has no sex. There is even one slightly humorous scene in Torchy's (a real hot spot) bar, whose patrons consist of Duncan, a middle-aged broad (I could have sworn was going to turn out to be a transvestite), a redneck, and an old couple. I mean real old. That's it. What was funny, was none of them quite looked like they fit in there.

The film is rated "R", so don't bring the kids. Leave them with the sitter. Better yet, take them to your mother's.

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20% off used records
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October 31

Take I-275 West to Dixie Highway South
1 1/2 miles on right
Between Ponderosa and Harry's Corner

University Center Board presents



Burt Reynolds
"Smokey and the Bandit"
Sally Field · Jerry Reed
Jackie Gleason

A RASTAR Production • A UNIVERSAL PICTURE Technicolor®
PG PARENTS STRONGLY CAUTIONED

Wednesday, Oct. 10
8 p.m.

Friday, Oct. 12
7 p.m. & 9 p.m.

in the University Center Theatre
Admission \$1 with valid NKU I.D. card

What's where & when

Friday, Oct. 5 through
Nov. 14

The exhibit, "Paper Making & Paper Using" will be on display in the University Center Ballroom. This exhibit of contemporary works has been organized for travel by the Southeastern Center for Contemporary Art in Winston-Salem, North Carolina.

Friday, Oct. 5 and
Saturday Oct. 6

A College Awareness Weekend, hosted by NKU, will be held at the Florence Mall. Besides NKU, 20 Kentucky colleges and universities and three from Cincinnati will participate in the event designed to make people in the area aware of what is available in higher education.

There will be a booth for every school represented with literature and representatives to answer all questions. Representatives will be at Florence Mall from 10:00 a.m. to 9:00 p.m. on both days.

Monday, Oct. 8

The official groundbreaking ceremony for the Administrative Center will begin at 3 p.m. at the future site of the building, just west of the University Center, facing Regents Hall.

Tuesday, Oct. 9

"Man Hunters," an award-winning film which reviews the



Dr. Barry Schneider, a member of the U.S. Arms Control and Disarmament Agency, will speak on Salt II and American Security at 1:00 p.m., Wednesday, Oct. 10 in the University Center.

Free classifieds

FOR SALE: 1976 Chev. Malibu Classic. AC; AM-FM 8 track stereo. New steel belted radials, V-8, power brakes and steering, excellent condition. Asking \$2,900 call 292-5588 days and 342-8666 nights.

FOR SALE: Used refrigerator and stove, good condition. Both for \$50, call Victor at 292-5146.

FOR SALE: Irish setter-3 year old male. Has papers and all shots. Good watch dog and good with kids. \$75.00. Call Jim at 292-5505 after 9 p.m. Thursday through Monday.

history of the most famous anthropologists and their discoveries in Europe, Asia, and Africa will be presented by the Anthropology Program. The film will be shown two times: at 12:15 p.m. and again at 7:00 p.m. in Auditorium 110, Landrum Hall. Admission is free and open to the public.

Tuesday, Oct. 9 and
Wednesday, Oct. 10

Representatives from Blue Cross & Blue Shield will be on campus to conduct a seminar on our Health Coverage benefits package.

Wednesday, Oct. 10

Joyce Messick, a regionally-known physic will demonstrate and lecture on various psychic phenomenon, including such things as clairvoyance, auras, spirits, ghosts, and reincarnation. The lecture, sponsored by Psychological Services, will begin at 1 p.m. in Room 203 of the University Center.

Friday, Oct. 12

Phi Sigma Sigma Sorority will hold its annual rock-a-thon for the Kidney Foundation. It will begin at 2 p.m. on Friday and continue until 2 p.m. on Saturday, in the University Center TV lounge.

Veneral Disease Services—Kenton County Health Center 912 Scott Street, Covington, 431-3345. Monday through Friday, 1 to 3:30

Maternal Child Health Center—12 E. Fifth Street, Newport, 431-1704. Thursday 8:30 to 11:00 and Friday 10:00 to 12:00

FOR SALE: Whirlpool Electric Stove. Only used 5 months. \$230, call 635-4821

WANTED: Late 1975 or 76 VW Rabbit or will consider other hatchback or station wagon or similar vintage. Must be

in good condition or better. Call 441-0124 or 562-2421.

FOR SALE: New G78X15 Atlas Tire, W-wall never on wheel. Cost \$44, will sell for \$30. Call Jim at 292-5210.

FREE TO GOOD HOME: 2 young male cats, with litter box and food supply. Warm affectionate house pets. Please consider and call 441-1322 after 5 p.m.

Pooh (Jim),
You and I are still us. Isn't love beautiful? LOVE You, Nancy.

YES We Still Need YOU

Student Government still needs pollworkers for Tuesday, October 9, and Wednesday, October 10.

Compensation will be provided.

MEET
★THE★
CANDIDATES

Don't forget the election rally
today at noon in cafes A, B, and C.

HOW TO GET A HEAD START ON LIFE AFTER COLLEGE.

Your college degree will get you started in life after college. Army ROTC will give you a head start while you're still in college.

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that will set you apart in the job market.

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THE EARLY START

Start Army ROTC during your freshman or sophomore year with no obligation. You'll find a curriculum that's exciting and flexible enough to fit your class schedule and academic needs.

THE JUMP START

If you're a veteran or Junior ROTC graduate, then you're a jump ahead. You're already eligible to enter advanced ROTC.

THE BASIC START

If you're about to finish your sophomore year, apply now for our six-week summer Basic Camp at Fort Knox, Ky. You'll earn \$450 and the opportunity to enter advanced ROTC next fall.

For details, contact:
Captain Minster
Room 526 Science Building
or call 292-5537

ARMY ROTC. FOR THE GOOD LIFE.

Intramural program has outgrown itself

Several years ago, before Northern Kentucky University moved to its present location, there existed a meager school athletic intramural program.

The program began in 1969 with only a small basketball and flag-football league. Mote Hills, the current men's basketball coach, ran the round ball league, which played out of the Campbell Lodge gymnasium.

Each year the intramural concept grew a little more popular and the program got bigger and better, while the number of participants increased proportionately to the growth of the university.

In 1972, the campus moved from the site of the current Chase Law School to Highlands Heights. Along with the move came a new and updated intramural department headed by two students—Bob Boswell and Dave Springelmeyer.

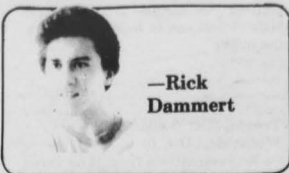
The pair, who organized and administered the intramural programs, must have realized the potential for their product with an ever-expanding university and new facilities at their finger tips.

Under their guidance, which lasted from 1972-1974, the intramural program established itself at NKU. Steve Meier, the current assistant Campus Recreation Director, came to the university as a student during their reign. He worked for four years in the department as a work-study student and watched its growth over the years.

"That's when the program really got going, when we got the facilities here on campus," he said.

During the 1974-75 academic year, NKU's current athletic director Lonnie Davis, took over the reins as intramural director. The following season, Boswell and assistant basketball coach Ron Ruehl ran the show under the direction of Davis. Boswell took care of the intramural program in general, while Ruehl worked specifically with the men's activities.

More sports were added with each coming season and the number of participants slowly, but surely, grew larger. Still, the program did not offer much in the way of women's, faculty-staff, or co-



—Rick Dammert

recreational activities.

In the fall of 1976 the university appointed Gene Cantrell to the position of Campus Recreation Director and named Meier the first official assistant director.

The university, by appointing Meier to the position, took a big step in the direction of positive promotion of intramural activities at NKU. Together Cantrell and Meier organized 15 leagues, 23 tournaments and a 132 teams to compete in the various sports offered.

Before the 1976-77 school year records were kept in a very loose fashion, so it's hard to tell just how much of an increase in activities the program had taken upon itself, but it was a considerable step up from previous years.

In the following season the program picked up the pace again, but the growth was only proportionate to the growth of the university itself.

Last year was a banner year for the Campus Recreation Department as it witnessed a large increase in activities and participants under the direction of Bill Aker, the current head of the department.

The amount of tournaments nearly doubled from the year before and the number of individual participants in the program sky-rocketed from 760 during the 1977-78 year to 1106.

Faculty-staff and co-recreational activities also got a shot in the arm last season with several additional programs added in each category.

The men's five-man basketball teams grew from 24 in 1972 to a capacity 42 squads. Meier had to make a cut off point because the department decided to play all of the games on one day instead of breaking the games up among several days.

In fact, the Campus Recreation



NKU third baseman Larry Piening pivots into position in a recent 10-8 routing over Georgetown. (Chuck Singleton, photo)

Department's quick growth had caused a major problem with the facilities it had to work with. Put very simply, the intramural program had started to grow too big for its britches.

"Until we get a new physical education complex here on campus," said Meier, "there's going to have to be more emphasis on outdoor activities because Regents Hall is being used to the maximum around the clock."

Meier explained that the complex has been planned, and the ground breaking

may take place as early as next spring.

In an effort to handle some of the problems the department is facing two new full-time employees were hired. Dan Henry became the women's intramural coordinator and Barb Pope was named the department's first secretary at the onset of this academic year.

Henry's job, a position Meier has been wanting for some time, was previously handled in part by work-study students.

continued on page 11

Rosanne Watts and Jackie Robinson, hair designers, at

NEW CONCEPTS, INC.

12 Highland Avenue in Fort Thomas

announce their FALL SALON SPECIAL!

Present this ad and student I.D. for 1/2 OFF on a regular \$10. or \$12. haircut

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Ernie's Shaving

"One of the season's best movies has arrived... 'BIRDS OF A FEATHER' is exquisitely funny."

LA CASE AUX FOLLES
(Birds of a Feather)

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(except Friday & Saturday nights and Sundays)

Cross Country

NKU grabs state title

Veteran cross country runner John Lott finished first for the second time in as many years as he led the Norsemen to the Ky. State NCAA Division II Championship at Murray on Saturday, Sept. 29.

Lott teamed with four other NKU runners—Mark Dulaney, Chris Vincent, Joe Lunn and Chris Wohlfert—to bring

the title to Northern for the first time ever.

All five Norsemen were named to the All-State team by virtue of their performances.

On Saturday, Oct. 5, the men will carry their 38-4 record into their toughest meet ever, the highly-renowned Notre Dame Invitational.

Women's program failing?

continued from page 10

Henry's full-time devotion to the women's program is a step towards equality in intramural activities. However, so far things have not gone the way he had hoped they would

Henry, who is the assistant women's basketball coach to Marilyn Moore, entered his new job with five years of experience in women's athletic activities at NKU behind him.

Using his knowledge in the field he wanted to immediately take the women's program and elevate it to a plateau where it had never been because of a lack of full-time personnel. Even though the number of women participating in intramural activities doubled from the 1976-77 season to the 1978-79 season, Henry and company still saw more room and the potential for expansion in the program.

Unfortunately, Henry conceded, his early efforts to elevate the women's program are failing. He said many of the groups (cheerleaders, drill team, sororities, etc.) he is approaching are declining, or at least initially shying away from intramural competition for fear of stiff competition.

Henry warned that their fears are unwarranted. "I'm trying to group the people according to their talents and interests." He added, "Basically, intramurals are set up for enjoyment, not to win or lose."

The potential for a solid women's program is out there, summed up Henry. "But if not enough people participate and the program goes under, the only real people hurt are the women themselves."

However, the men's program has shown a big increase in participation over last year. According to Meier there are six more softball teams and five more flag football squads already.

At the present rate, he theorized that 17 percent or more of Northern's student body and faculty-staff will participate in some form of Campus Recreation activity during the course of the year.

It appears that at this point in time the intramural program at NKU has grown too big for its accommodating facilities, but Meier indicated he still has more plans and a long way to go.



Sophomore Karen Verst takes aim during recent Campus Recreation archery competition. (Rick Dammert, photo)

Campus Recreation

Football Results (Sun. Sept. 30)	Red Raiders	0
Division I	Nads	8
Tekes	Good, Bad, & Knucks	6
Pikes	Division III	
Pi Rho Pi	Wiedy-Hoots	8
A.D.G.'s	Born Losers	6
Beta Phi's	Griddiron Gators	12
Sig Epps	Matmen	6
Division II	Division IV	
Fill-Inn	Colonels	8
Brewers	Underdogs K.A.	0
Loafers	Orange Crush	22
	Big Rock Club	6

Sports Scoreboard

Baseball	Sept. 26 at Indiana St. Tournament
Sept. 28 at Louisville Invt. Indiana S.E.	10th out of 14
5-8; W. Ky. 0-10	Sept. 27 at Ky Wesleyan (Team B) 2nd out of 8
Record: 5-5	Record: 24-13
Volleyball	Sept. 28 Marshall University 6-3
Sept. 28-29 at Michigan St. Invt. Won 2, Lost 3, Tied 3, 6th of 11 finish	Sept. 29 Miami University 1-8
Record: 4-9-3	Oct. 1 at Dayton 8-1
Golf	Record: 7-4

Veterans Apply Now for Tutorial Assistance

Veterans who are taking six credit hours or more and are in need of academic assistance can apply for Tutorial Assistance and be reimbursed by the Veterans Administration.

The maximum reimbursement is \$69 per month, not to exceed an over \$828.

Forms are available in the Veterans Affairs Office, Nunn Hall.

Addressers Wanted Immediately

Work at home—No experience necessary
Excellent Pay.
Write American Service, 8350 Park Lane, Suite 127, Dallas, Texas 75231

PUT'EM AWAY



If you can live without your cigarettes for one day, you might find you can live without them forever. So put 'em away. Just for a day. Thursday, November 15.

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**STUDENT GOVERNMENT GENERAL ELECTIONS
FALL '79
UNIVERSAL BALLOT**

REPRESENTATIVES-AT-LARGE (Vote for no more than 12.)*

(The nine highest receivers of votes shall serve until Fall Elections, 1980. The 10th, 11th, and 12th highest receivers of votes shall serve until Spring Elections, 1980.)

----- Terry Baugh
 ----- Emily "Fran" Mason
 ----- Tom Seiter
 ----- Irene Norton
 ----- Bob Anstead
 ----- Robert A. Sweetser II
 ----- Allison Brewer
 ----- Cathy Suggs
 ----- George Clooney
 ----- Becky McLeaster

----- Dave Simpson
 ----- William Vayle
 ----- Taylor Soutgate Root
 ----- Martin Mitchell
 ----- Joyce C. Lacey
 ----- Laurie Lynn Hoffman
 ----- Bryant Bauer
 ----- Rob Burns
 ----- Gregory P. Cole

*You may write-in candidates

CONSTITUTIONAL AMENDMENT

Do you favor amending the Student Government Constitution to allow the polls at general elections to close at 8:00 PM? (At present the polls must stay open until 9:00 PM.) (Article VI, section 1, subsections a and b.)

YES -----
 NO -----

The following will appear only on ballots to students in the respective major fields of study.

BASIC DISCIPLINARY PROGRAMS CLUSTER

Basic Disciplinary Cluster Representative (Vote for no more than 1.)

----- Greg Steffen
 ----- (write-in)

Fine Arts Program Representative (Vote for no more than 1.)

----- (write-in)

HUMAN DEVELOPMENT & SERVICES PROGRAMS CLUSTER

Communications Program Representative (Vote for no more than 1.)

----- Mariann Svec
 ----- (write-in)

Education Program Representative (Vote for no more than 1.)

----- Kathy Krechting
 ----- (write-in)

Industrial & Technical Education Program Representative (Vote for no more than 1.)

----- (write-in)

LEGAL EDUCATION CLUSTER REPRESENTATIVES

Legal Education Cluster Representatives

(Vote for no more than 2.)

----- Daryl J. Evans
 ----- (write-in)
 ----- (write-in)

EXPERIMENTAL & INTERDISCIPLINARY PROGRAMS CLUSTER

Experimental & Interdisciplinary Cluster Representatives (Vote for no more than 2.)

----- (write-in)
 ----- (write-in)

Urban Studies Program Representative (Vote for no more than 1.)

----- (write-in)

GRADUATE STUDIES PROGRAMS CLUSTER

Masters of Art in Education Program Representative (Vote for no more than 1.)

----- (write-in)