

Prof leads panel on atomic waste

Rustum Roy, professor of the solid state in the University's Department of Material Sciences, was appointed to head a new National Academy of Sciences panel. The panel will report by year's end to the United States Nuclear Regulatory Commission to recommend radioactive waste disposal procedure.

nuclear power for electrical energy, but it also will be directed to study methods of disposing of the nuclear wastes produced as by-products of nuclear weapons programs in all the nuclear power countries.

"In principle some procedures are ready now, but which are best or safest is still unknown," Roy said. "Research being done in federal and other laboratories, including Penn

State, has developed a variety of ways of making almost all nuclear wastes in materials as stable as many of the rocks in nature."

"The United States," Roy said, "now stores about 80 million gallons of high-level radioactive wastes as liquid in tanks in isolated areas of the country. By the year 2,000, this amount will increase significantly and it has little to do with whether or not we build nuclear power plants."

Half a dozen ways now exist to solidify these wastes into stable solids, Roy added, including making them into monolithic blocks of glass, into a special concrete or into a metal-cement-glass composite.

Making the wastes solid will

be only the step, since a multiple-barrier approach is planned, Roy said. Thus, the solid would be buried in a deep shaft far from major population centers, after being encased in layers of steel and concrete in turn protected by 1,000 feet of oil and rock.

The issue which legislators ultimately will face is which method will be safe enough at the price the taxpayer is willing to pay, Roy said. A decade will be needed to choose a method, to devise regulations and to build the necessary facilities. The estimate for the cost of disposing of existing wastes already is up to \$30 billion, Roy added.

Appalachia to get federal disaster aid

By The Associated Press Thousands of residents of flood-stricken Appalachia returned home to mud-covered shambles yesterday, as government officials sought to ease the agony with federal aid.

the Hell For Certain and other rivers and creeks in Kentucky, West Virginia, Virginia and Tennessee began to recede Wednesday. By yesterday, the resident of the flood-stricken valleys of Appalachia began leaving the high ground in hopes of finding their homes.

"Our house was ruined," said Lillian Mounts of Williamson, which was inundated Wednesday by the

flooding Tug Fork. "It washed out into the middle of the street and everything is ruined."

In the flood-ravaged region of southeastern Kentucky, emergency medical supplies were airlifted to aid the victims of the worst flood in the history of the area.

There were five known dead in Kentucky and property damage was estimated at \$100 million.

President Carter declared 15 counties in Kentucky federal disaster areas. And officials in Virginia and West Virginia, the states hardest hit by the 30 hours of rain which began Sunday, also appealed to the White House for federal aid.

The federal Disaster Assistance Administration in Kentucky estimated that at least 5,000 families were affected by flooding.

Scholarship open

Qualified undergraduate students who are planning to attend the graduate school of library science are eligible for the Martha Conner Memorial Scholarship.

The Conner Scholarship, which is to assist qualified students in the completion of their undergraduate program, was established in 1964 by Grace C. Whitmore in memory of her sister. Conner was a member of the

University Libraries staff. The scholarships are awarded without regard to undergraduate majors. Each one is awarded for the duration of one year, but may be renewed if the conditions of eligibility continue to be met.

Applications for the 1977-78 academic year should be made by May 20. For further information, contact the University Libraries, E505 Pattee.

Rape and assault case query begins

State College police reported that they are investigating a rape and assault that occurred yesterday at approximately 1:30 a.m. The place where the incident occurred and other details are not being released

pending further investigation.

A trombone belonging to Martin Barbato (6th-music education) was stolen from 110 Music Building Wednesday, according to Police Services.

State GOP seeking unification

The newly-elected state Republican Chairman Richard Filling, on a campaign swing to rally support for his party, said yesterday he will be working to study and unify the state organization.

"We've been doing too much our separate ways," Filling said at a press conference.

The GOP is considering State House Minority Leader Robert J. Butera, State Senate Minority Leader Henry G. Hager, former Philadelphia Dist. Atty. Arlen Specter, and former state Deputy Atty. Gen. Richard Thornburg as candidates for governor, according to Filling.

When asked if he thought the party could defeat Philadelphia Mayor Frank Rizzo if he was a contender, Filling said: "We have a chance to beat anyone."

He added that he felt Rizzo was a "pretty crafty politician," and that Rizzo could have trouble carrying

his own city in a gubernatorial contest.

Filling said two of the statewide issues for the November election are highway planning and welfare.

Filling, the first full-time state chairman, indicated the party will be restructuring to bring the party to the local level and to increase communication with citizens.

"I'm going to be working very closely with the people in the counties," he said.

Filling said the party would do everything it could to get J. Doyle Corman elected. Corman is the Republican candidate for the 34th District state Senate seat.

"If we can win a few seats in Pennsylvania, we can show we are beginning to turn around," he added.

On the matter of state funds for the University, Filling said he will talk to GOP legislators in Harrisburg and is willing to study the issue.

"We have to build a strong set of issues," he said.



State Republican party Chairman Richard Filling tells a gathering of area Republicans that the state GOP party is attempting to concentrate its efforts on the local level and to increase communications.

Former FBI man indicted for wiretaps

NEW YORK (UPI) — A federal grand jury indicted the former head of an FBI antiterrorist squad yesterday on charges he had agents open the mail and tap the phones of New York City targets ranging from the Bowery to Central Park, Harlem and Greenwich Village.

The indictment of retired agent John J. Kearney was the first produced by a year-long probe of allegedly illegal FBI investigative actions in

New York. Attorney General Griffin Bell issued an accompanying statement of faith in the bureau and its agents.

"My own dealings with the FBI in the short time that I have been attorney general generally sustain my overall respect for the FBI and my sincere trust in the high standards of professional responsibility demonstrated by the men and women who have the honor of serving as FBI agents," Bell said.

Justice Department officials said the indictment charged Kearney with two counts of illegal wiretapping and two counts of obstructing mail correspondence as director of a squad assigned to track down members of the radical left "Weather Underground" from 1970 to 1972.

The officials said Kearney could face total maximum penalties of 25 years imprisonment and \$34,000 in fines if convicted on all five

counts. Bell said the indictments were returned in U.S. District Court in New York, and department spokesmen acknowledge unusual secrecy had governed the proceedings.

They said the department decided not to issue the usual advance notice that a newsworthy indictment was expected, and they declined to disclose either Kearney's whereabouts or whether he had been arrested.

ELECTIONS
APRIL 12
all grads are eligible... all may submit nomination
info: 305 Kern

Easter Sunday 11:00am
wdfm presents
Eisenhower Chapel Easter Services
Live from the Recital Hall of the Music Building
Campus Radio Stereo 91.1 fm

"They will look on the one they have pierced." John 19:27

Good Friday Liturgy
5:00 PM - Eisenhower (University) Auditorium

Confessions: Friday 10-11 AM Chapel 3:00-4:30 PM Auditorium
Saturday 4:00-5:00 PM Chapel

Easter Vigil Service
Saturday 8:00 PM Eisenhower Chapel
Penn State Catholic Center

The challenge.

Your challenge is to form as many words of four or more letters as you can by using only the letters in the word below. No names, contractions, slang or plural words are allowed. If you can make thirty or more words, you've met the challenge!

1 _____ 11 _____ 21 _____
2 _____ 12 _____ 22 _____
3 _____ 13 _____ 23 _____
4 _____ 14 _____ 24 _____


PEANUTS

5 _____ 15 _____ 25 _____
6 _____ 16 _____ 26 _____
7 _____ 17 _____ 27 _____
8 _____ 18 _____ 28 _____
9 _____ 19 _____ 29 _____
10 _____ 20 _____ 30 _____

When there's a challenge, quality makes the difference.

We hope you have some fun with the challenge. There's another challenge we'd like to offer you, too. The Pabst challenge:

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PABST. Since 1844. The quality has always come through.

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