

Radio-Astronomy Building Approved Prof Views France In Common Market

By STEVE CIMBALA

The University Board of Trustees has approved the construction of a new radio-astronomy research building, Walter H. Wiegand, director of physical plant, said recently.

Wiegand said that the proposed structure, to be erected at University farm 15, two miles southwest of the main campus, will be financed by a \$227,800 grant from the National Science Foundation.

The research to be conducted in the new building will be closely related to the work now being conducted at the University's Ionosphere Research Laboratory, he said:

HE ADDED that the building's more specific use will be for research regarding the effects of the sun upon the ionosphere. The ionosphere is the blanket of charged particles, beginning at 30 miles altitude, which makes long-distance radio communications possible by reflecting radio waves back to earth.

Wiegand explained that knowledge of the ionosphere is also very important to the development of reliable space communications.

Regarding this ionosphere research, Wiegand said that, initially, the principal instrument for the research will be a 30-foot radio telescope, which will be used to receive radio signals from the sun.

HE SAID that Erwin R. Schmer-

ling, associate professor of electrical engineering, prepared the proposal which led to the National Science Foundation grant.

Since the University staff has no radio-astronomer at present, J. J. Gibbons, professor of physics, is undertaking responsibility for the initial radio-astronomy program, including the building construction itself, he said.

Wiegand said that the site on University farm 15 was selected because of the little possible electrical interference and relatively

flat terrain in that area.

PRESENT PLANS call for the building to occupy about 7,300 square feet of floor area and provide space for a recording-room laboratory, shop, offices for five staff members, office-laboratories for approximately 12 students, a library room, and a dark room, in addition to other normal building facilities.

Wiegand added that construction will begin as soon as possible and that no definite completion date has been set for the project.

Ideas Produced on USG--

(Continued from page one) pay the cost of joining NSA, Zagat said.

Other services which might be of use to this student government are the film library, and the travel, book discount, and entertainment booking services.

NSA MAINTAINS a library of films on current political and social problems which could be used to run a film series on campus.

The travel service sets up domestic and foreign tours for individuals or school groups and also sells a student identification card for student admission to European museums and monuments at discount prices.

The identification cards cost the student government 50 cents each and may be sold for as much as \$1. The profit can be used to help

pay the cost of joining NSA, Zagat said.

A mail-order book service sponsored by NSA which offers a 10 to 25 per cent discount on texts could work on this campus if started properly, Zagat said.

He stressed that it must begin as a small project. If the student government begins too large a project, it will most certainly fail, he said.

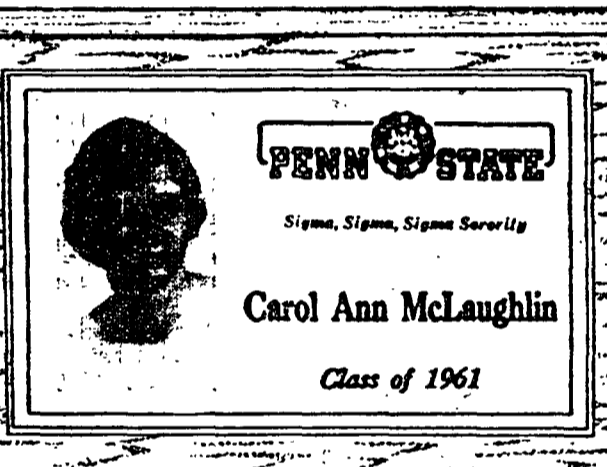
NSA can book big-name entertainment at lower prices by booking a number of schools at once, Zagat said. He estimated that at a school the size of the University, the money saved on entertainment could probably pay for the cost of NSA. Also, the school could probably afford to have more entertainment functions a year, another way of building the image of student government.

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By PENNY WATSON

Membership in the European Common Market is stimulating France to improve and modernize her industry and agriculture, Vaclav Mares, associate professor of economics, told a group of high school French teachers Friday night.

Speaking on "France and the Common Market: Threat or Blessing for Her Prosperity?" Mares said that southern France had a good coal basin; he can produce a good base for the country's economy.

RIVERS IN THE Alps are France is eliminating the small sources of electric power, Mares said. Marseilles, where oil refineries are being established, is becoming a center for receiving oil from the Middle East, he added. A system of pipe lines is being planned in Lack, a center of natural gas, Mares said.

Enterprises are also being encouraged to merge, he added. Mares said the former concentration of education, scientific research, transportation and industry in Paris has been partly responsible for France's economic imbalance. Three-fourths of all the cars made in France are produced two or three miles from the Eiffel Tower, he said.

FRANCE ALSO met problems during the stage of the industrial revolution which depended on later coal, Mares said. France never

In agriculture, Mares said, France is eliminating the small farms and increasing the mechanization of large ones. In the past, farmers produced surpluses they couldn't sell outside the country, he said. France was unable to compete in agriculture with other countries, he said.

Under the recent Common Market agricultural products agreement, member countries will subsidize domestic production among themselves, Mares said. Within five or six years, he said, the Common Market countries will be independent in the production of all farm commodities but cotton.

When the Common Market was formed, conflicting interests of the member countries prevented formulation of a farm policy, Mares said. France had made her membership conditional on later farm policy, he explained.



Nancy Schiffman

Lest it be thought from our display windows that we specialize solely in party pictures, we have borrowed the Schlow store window (next to the Athletic Store) to display all the parties photographed in color this past Senior Ball weekend. In the next day or so we will fill our own display cases with a collection of portraits of which we feel to be representative of some of the more beautiful women who abound on campus.

Honestly, portraiture and not party pictures is our specialty. Two extra prints of each of the party pictures on display will be available today and tomorrow only.

-bill coleman

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