

Ellaman And D'Arruda Speak At PIRG Energy Symposium

BY JOEY SHERR

A small number of students and professors showed up last week for the energy symposium sponsored by PIRG. According to PIRG chairperson Wynne Segal, this program was intended to "inform and educate the St. Andrews community on energy options, so students can shape informed opinions about this immense dilemma of our society."

Two guest speakers addressed the problems of energy and answered questions at the symposium: Dr. Jose D'Arruda and Dr.

Tom Ellaman. D'Arruda is a professor of physics at Pembroke State University; Ellaman serves as a nuclear physicist at North Carolina State University. Ellaman explained the value of nuclear energy, while D'Arruda spoke of the necessity of conservation.

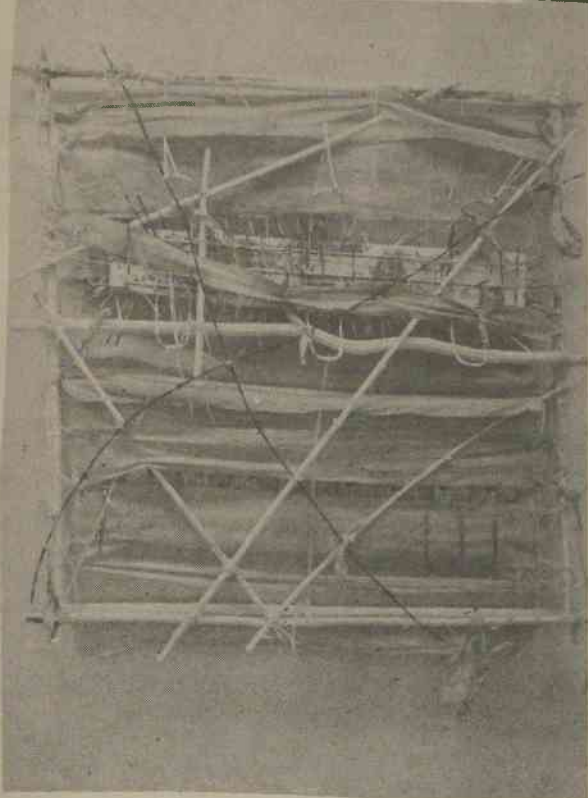
D'Arruda began the presentation with a slide show entitled "Our Energy Problem" According to him, the energy crisis began in 1880 when the price of a barrel of oil dropped from about twenty dollars to around one dollar because of an abundance. He also stated

that the Arabs did people a favor by raising the price of oil, thus making society aware of its dependence on energy. D'Arruda concluded that, although estimates differ about how long various energy sources will last, conservation must become a way of life immediately.

Ellaman continued by listing some of the means meeting U.S. energy demands, including conservation and nuclear energy. Ellaman claimed that it is impossible to expect one energy source to alleviate the energy crisis; rather the solution lies in the utilization of a combination of all the possible sources.

When Ellaman was questioned about the safety of nuclear energy, he pointed out that no technology is completely safe from risk. Ellaman said, "We must demand that the benefits of nuclear energy far outweigh the risks." He then stated that leakage radiation from nuclear power plants is negligible compared to solar and X-ray radiation in the environment. He contended further that the disposal of nuclear waste is a political, not a technical, problem.

St. Andrews PIRG plans other programs like this energy symposium. One such program is the aluminum recycling efforts already underway. North Carolina has assumed an anti-nuke position. The St. Andrews chapter will refrain from this campaign, though; instead, they will opt to aid each student, formulate his own opinions concerning energy.



WE RAN INTO THIS ONE PROBLEM with the latest exhibit in Vardell. . . Which way is up??? (Photo by Kim Leland).



AVINGER HAS BEEN BUSY LATELY, hosting both the PIRG Energy Forum and the Foxfire children. (Photos by Kim Leland and Clay Hamilton respectively.)

Civil Defense Creates Mock Emergency

Don't panic. But on the morning of November 17th, a major land war erupted in the heart of Europe, and sometime between December 4th and 8th, there will be an all out nuclear exchange between the United States and the U.S.S.R.

No, this is not a preview of Irwin Allen's next disaster movie, nor is it the result of some psychic's glimpse into a gloomy crystal ball.

The nuclear attack - a mock emergency, of course - is simply the scenario for a civil defense exercise to be conducted by the Region III headquarters of the Defense Civil Preparedness Agency (DCPA).

Involving 84 North Carolina counties and 7 other states, this is the largest exercise since 1968, both in terms of the number of agencies participating and in the types of activities to be performed.

The State Division of Civil

Preparedness has been standing by to receive information from DCPA on the status of the attack. Sometime between December 4th and 8th - the exact date is kept secret to make the exercise more realistic - state officials will place the state in a posture of increased tension and readiness.

At this time, local officials will inform people of evacuation routes, tell them how to get to shelters and put Emergency Operations Centers into operation. North Carolina will be in an attack posture on the second day of the exercise, with recovery procedures following on the third and final day.

Local and state officials will participate only during office hours; however, federal staff will operate round the clock.

The local Civil Preparedness Coordinator for Scotland County is Daniel N. Shaw, office phone: 369-2514.

This Week's CUB Movie Stars

ZERO MOSTEL

in

THE PRODUCERS

Merely The Funniest

Film Of The Season.

Sunday Night, Avinger. 25¢ Admission.

BOB'S JEWEL SHOP

The Place to
go for all your
Jewelry needs

Main St.
College Plaza

NOTICE: CAMPING EQUIPMENT

Encounter in the wilderness is in the process of replacing some of its equipment which has been used for the past several years. Most of this equipment is in usable condition, but we may not be able to depend on it for extended (3 wk) winter term activities. Some may require several minutes on a sewing machine to repair.

The following items will be sold on a first-come basis, beginning on Oct. 26.

10 SLEEPING BAGS \$25-\$35

10 ENSOLITE PADS \$2

7 SVEA-STOVES \$6-\$10

8 BACK PACKS \$20-\$35

Misc. ponchos, mess kits, fuel bottles. If you are interested, contact Tom Jones, MJ129.

JUST LIKE THE GOOD OLE' DAYS

Every Night Until 11 P.M.

You Can Make Your Own Sundae
(With all Your Favorite Ingredients)

FOR JUST 95¢

OLD TIMIE ICE CREAM PARLOR

SOUTH MAIN STREET