

The Decree

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SOPHOMORE CHRISTY SKOJEC EXAMINES MOBILE HOME SITE OF STATION

Temporary home found for WESQ

By JAMIE STUMP

The Wesleyan community has recently witnessed the first step toward having an all-campus radio station. A trailer donated by Ken Moorefield was moved onto campus last week to serve as the station's temporary site until it is moved to the future Fine Arts Center.

Wesleyan has leased tower space at Temperance Hall. The 25,000-watt tower will allow 90.9 FM WESQ to broadcast to several hundred thousand listeners across eastern North Carolina.

Last September, Wesleyan was granted a provisional license from the Federal Communication Commission that requires the station to broadcast its first signal by September. Members of the Wesleyan community have been planning the station for three

years, but have only recently formed committees to expedite all proceedings necessary to have the station broadcast on time.

These members have arranged for the station site, procured new and used equipment, and listened to suggestions from faculty, staff, and students regarding the format of the station. WESQ is a member of the National Association of College Broadcasters and the Intercollegiate Broadcasting System. Lewis Advertising of Rocky Mount designed the logo.

In order to decide what type of music to play, it has been suggested that Fall '91 marketing students survey eastern North Carolinians to determine the demand for certain formats.

The station will not only provide the NCWC community with entertainment and information, it

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Dinner concert part of Spring Fling

North Carolina Wesleyan College will present a Dinner Concert on Wednesday, April 3, as part of its annual Spring Fling.

The concert will feature the Wesleyan College Singers and the newly formed Jazz Show Choir.

Doors open at 6:30 p.m. and dinner will be served from 6:45 to 7:45 p.m. A spaghetti or lasa-

gna dinner will be provided by the Food Service and Hotel Management class. Soloists and small groups will entertain during the meal.

Doors open for the concert at 7:45 p.m. and the concert begins at 8 p.m.

Cost for the dinner and the concert is \$3.50 for adults and

\$2.50 for students. Cost for the concert alone is \$2 for adults and \$1 for students.

Tickets are available at the door or contact Dr. Maria Manzo at 977-7171, ext. 279.

Another Spring Fling event will be this year's "Miss Kamp Wesleyan" competition.

Science class visits NCSU nuclear reactors

By CHRISTY SKOJEC

Members of Dr. Himanshoo Navangul's Physical Science 151 class have been studying many different sources of energy, concentrating recently on nuclear energy.

In order to study this source and the nuclear power process more fully, 12 members of the class traveled to N.C. State University on Feb. 5 to visit university reactors.

The class examined two reactors which are located in the Burlington Engineering Lab on the NCSU campus. One of the reactors was a simulation reactor. This reactor simulates the actions

of an actual reactor without actually producing any energy, allowing students to learn how to run a nuclear reactor. It also allows for extensive training in avoiding accidents.

The other reactor the students saw was the PULSTAR reactor. This reactor consists of a nuclear core which is submerged in 15,000 gallons of purified water. The apparatus is held by an aluminum tank and surrounded by a high density concrete biological shield. Student Regina Watt described the apparatus as being like a "big pool." The total weight of the uranium oxide is 163 pounds, and the average temperature of the pool is about 105 degrees

Fahrenheit.

Using nuclear power as an energy source is a controversial topic in America, and many people "act like people working around it will be glowing," said student Chris Kaffenbarger. Student Lorraine Harper, who also visited the reactor, summed up the feelings of the class. "The reactor wasn't as intimidating as I thought it would be," she said. "Instead I felt a lot safer about it being around."

Student Allen Wilson felt the trip was very informative. He thought that being able to actually look inside the reactor and see how it works was much more beneficial than just looking at the

outside of the Shearin Harris Nuclear Plant. The PULSTAR reactor is used to train nuclear engineers and power plant operators, and for experiments and research by graduate and undergraduate students.

The students were disturbed that the reactor is not used for creating energy. "It is a shame to waste that power," said student Michelle Cahoon. Dr. Navangul and the rest of the class agreed. Navangul explained that the reactor could supply the entire campus with electricity and heat if the school used it. He said they choose not to create energy so they don't have to run it all the time.

Navangul further explained that precautions are necessary and a risk assessment must be carried out when dealing with nuclear power. Problems with waste management must also be solved. European countries are already utilizing nuclear power's potential. They prefer to take the rather minimal risks involved with using nuclear power and be assured that they will have enough energy when they need it.

Because of the war, Navangul feels it is even more necessary for Americans to develop nuclear power to its fullest potential. With that alternate source of energy, he feels, "it will not be necessary to depend on the Arabs."