Additional Benefits OK'd

BALEIGH -North Carolinians will receive up to 10 additional weeks of unemployment insurance (UI) benefits peginning Sept. 12, 1982," aid Glenn R. Jernigan, chairman of the N.C. **Employment** Commission (ESC), in a recent announcement. (The first payable week will be the week ending Sept. 18.

Federal Supplemental Compensation (FSC) Program, authorized by the Tax Equity and Fiscal Responsibility Act of 1982, has been signed by President Reagan. The FSC Program will be funded entirely from federal general revenues and will end March 31, 1983.

"Many unemployed workers who recently have benefit amount." exhausted, or will exhaust, regular or extended eninsurance may be eligible to receive the additional weeks of FSC fenefits," added Jernigan. The amount of a jobless worker's FSC earlier UI checks.

acceptable reasons for claimants. failing to seek work, and documentation is required documentation is to be not by the employer contacted. Failure to seek work or an inadequate work Compensation Program.

"An search will result in inestimated 15,000 jobless definite disqualification of benefits.

Jernigan adds, "The law states that if a claimant filing for FSC does not have good prospects for obtaining work in his - her usual occupation, any work shall be considered suitable if it is listed with the Employment Service, or if the job offer is made in writing by the employer. If an employer offers a claimant a job which has not been previously listed with Job Service, the job offer should be made in writing and include the employer's name, location of job, job title, starting date, hours and pay. Further, the gross pay must equal the federal minimum wage and exceed the claimant's total weekly

A claimant who has been disqualified indefinitely on titlement to unemployment, an original claim and has not worked sufficiently to remove the disqualification will not be entitled to receive FSC benefits.

In the 1975 period of high weekly benefit will be the unemployment, a program same as that received in of Federal Supplemental Benefits was effective A claimant is required to between March 2, 1975, and make a more diligent effort October 30, 1976. During that to seek work that is required time, over \$70.7 - million ordinarily. There are no was paid to eligible

Unemployed workers as well as employers are urged for all job contracts. The to contact the Employment Security Commission local prepared by the claimant, office serving their area for more information about Federal Supplemental

Using Solar Cells

Passive Solar Conference in Knoxville, Tennessee this summer, a very significant event occurred at the World's Fair: The first house in the region with photovoltaic cells as its primary source of electricity, interconnected with a utility. If you have a roof which faces south, the be used by itself or with chances are photovoltaics could convert the sun's radiant energy into electricity to power your household. Most people will not find it economically feasible to purchase a system to provide all their needs, but many people are buying smaller solar arrays to recharge batteries on heated dwelling, to do everything from electric fences to sailboats.

cells owe their development to the space program. In fact, the cells on the Vanguard satellite are still working today after over 20 years in outer space. With silicon the main ingredient of the cells, and silicon made from silica in sand, we should not run out of material for solar cells. The problem has always been to produce single crystals of silicon in a time and energy electricity from efficient manner. While their price has declined in paid a power bill in seven the past and is still going down, the present cost of \$10 or more per peak watt, limits their usage to remote applications where cheaper utility power is not the subject you can buy available.

The Department of Electric Home: predicted a price of \$2.80 per peak watt for photovoltaics never purchased the quantity of cells that might have made production at this price possible.

help in the form of large Michigan 48107 and asking purchases, photovoltaics have a ready market. Solar cells power an increasing number of remote weather stations, buoys, signs and lights. The oil companies use them to produce electricity on their drilling rigs and to produce low voltage direct current for preventing corrosion of their

If I sound like an expert on photovoltaics, its because I recently attended Dr. J. Komp's workshop at the passive solar conference on Do-It-Yourself Solar Electric Cells. Dr. Komp is a physical chemist who romotes the use of otovoltaics by holding workshops around the

While I was attending the country where people can learn some of the theory while also helping to assemble their own modules of solar cells. You don't have to buy a module to attned the workshops but many of the people at our workshop did.

We assembled two types of modules, one which could others in an array to charge batteries, and one whch was designed to be used in a hybrid collector. A hybrid collector produces both thermal and electrical

Dr. Komp formed Skyheat Associates, a company based in his large, solar research and production work with photovoltaic Photovoltaic, or solar cells. Skyheat Associates market books and kits, while SunWatt, a Colorado based Corporation markets finished modules that Skyheat Associates make in English, Indiana (Rt. 2, 47118).

Another good source of information and hardware is the PV Network News by Joel Davidson, Pettigrew, Arkansas 72752. Davidson and his famly get all their photovoltaics and have not years. Davidson does not charge for his newsletter but does accept well deserved donations.

If you want to read up on Davidson's book The Solar Energy had at one time Photovoltiac How-to Handbook, and Practical Photovoltaics: Electricty by 1982, but the government from Solar Cells by Dr. Komp with Solar Census: The Directory for the 1980's by sending a check for \$24.95 to aatec publications P.O. Even without government Box 7119, Ann Arbor,

The Earth Studies Program at Appalachian State University produces the ReUsable News Column with funds from the Department of Energy and Administration from the North Carolina Energy



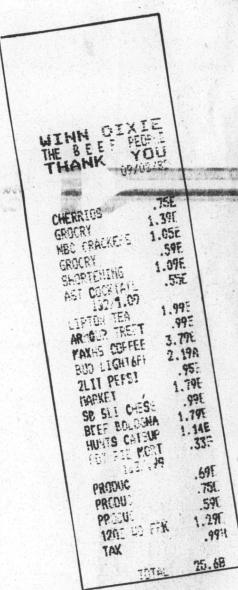


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