

Additional Benefits OK'd

RALEIGH — "An estimated 15,000 jobless North Carolinians will receive up to 10 additional weeks of unemployment insurance (UI) benefits beginning Sept. 12, 1982," said 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.)

The 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 exhausted, or will exhaust, regular or extended entitlement to unemployment insurance may be eligible to receive the additional weeks of FSC benefits," added Jernigan. The amount of a jobless worker's FSC weekly benefit will be the same as that received in earlier UI checks.

A claimant is required to make a more diligent effort to seek work that is required ordinarily. There are no acceptable reasons for failing to seek work, and documentation is required for all job contracts. The documentation is to be prepared by the claimant, not by the employer contacted. Failure to seek work or an inadequate work

search will result in indefinite 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 benefit amount."

A claimant who has been disqualified indefinitely on 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 unemployment, a program of Federal Supplemental Benefits was effective between March 2, 1975, and October 30, 1976. During that time, over \$70.7 - million was paid to eligible claimants.

Unemployed workers as well as employers are urged to contact the Employment Security Commission local office serving their area for more information about Federal Supplemental Compensation Program.



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Using Solar Cells

While I was attending the 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 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 everything from electric fences to sailboats.

Photovoltaic, or solar 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 efficient manner. While their price has declined in 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 available.

The Department of Energy had at one time predicted a price of \$2.80 per peak watt for photovoltaics by 1982, but the government never purchased the quantity of cells that might have made production at this price possible.

Even without government help in the form of large 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 pipelines.

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

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

Dr. Komp formed Skyheat Associates, a company based in his large, solar heated dwelling, to do research and production work with photovoltaic 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 family get all their electricity from photovoltaics and have not paid a power bill in seven years. Davidson does not charge for his newsletter but does accept well deserved donations.

If you want to read up on the subject you can buy Davidson's book *The Solar Electric Home: A Photovoltaic How-to Handbook*, and *Practical Photovoltaics: Electricity 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. Box 7119, Ann Arbor, Michigan 48107 and asking for them.

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WINN DIXIE THE BEEF PEOPLE THANK YOU	
CHERRIOS	.75E
GROCERY	1.39E
M&C CRACKERS	1.65E
GROCERY	.59E
SHORTENING	1.09E
AST COGNAC	.55E
100-1.09	
LIPTON TEA	1.99E
ARMOUR TREET	.99E
PANHS COFFEE	3.79E
BUD LIGHT&F	2.19E
2LIT PEPSI	.95E
MARKET	1.79E
SB SLI CHESE	.99E
BEEF BOLOGNA	1.79E
HUNTS KETCHUP	1.14E
100-1.14E	.33E
PRODUC	.69E
PRODUC	.75E
PRODUC	.59E
12oz BU FRK	1.29E
TAX	.99E
TOTAL	25.68

- 7-oz. Cherrios
- 5-lb. Store Brand Sugar
- 7-oz. Nabisco Crackers
- 18-oz. Duncan Hines Cake Mix
- 48-oz. Store Brand Shortening
- 15-oz. Store Brand Fruit Cocktail
- 100-ct. Lipton Tea Bags
- 12-oz. Armour Treet
- 10-oz. Maxwell House Coffee
- Ctn. of 6 Budweiser Light
- 2-Liter Pepsi
- 16-oz. Store Brand Sausage
- 16-Slice Store Brand Cheese Singles
- 1-lb. Store Brand Bologna
- 24-oz. Hunt's Ketchup
- 8-oz. Morton Pot Pies
- 2-lb. Carrots
- Cantaloupes
- Celery
- 1-lb. Store Brand Franks

FOOD TOWN LFPINC/SC/VA/GA 09/08/82	
GROCERY	1.75 L
GROCERY	1.63 L
GROCERY	1.03 L
GROCERY	.91 L
GROCERY	1.37 L
GROCERY	.59 L
GROCERY	1.99 L
GROCERY	1.09 L
NON-FOOD	3.79 L
GROCERY	2.49 D
MEAT	.95 L
GROCERY	1.79 L
VOID	1.29 L
GROCERY	
PERISHBL	1.29-L
MEAT	1.29 L
GROCERY	1.09 L
PERISHBL	1.14 L
103/1.29	.43 L
PRODUCE	
PRODUCE	.69 L
PRODUCE	.79 L
PRODUCE	.50 L
MEAT	1.59 L
SUBTOTAL	25.70
4% TAX	1.07
TOTAL	27.77

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