

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF ALPHA CELLULAR TELEPHONE )  
COMPANY, A FLORIDA GENERAL PARTNERSHIP, FOR )  
THE ISSUANCE OF A CERTIFICATE OF PUBLIC )  
CONVENIENCE AND NECESSITY FOR THE OPERATION )  
AND CONSTRUCTION OF A CELL SITE SO AS TO ) CASE NO.  
ENLARGE THE COVERAGE OF THE KENTUCKY RURAL ) 93-025  
SERVICE AREA WHICH INCLUDES ELLIOTT, )  
LAWRENCE, MORGAN, MAGOFFIN, JOHNSON, MARTIN, )  
FLOYD AND PIKE COUNTIES IN KENTUCKY )

O R D E R

On February 16, 1993, the Commission received the attached letter from George D. Lewis. Mr. Lewis either owns or occupies property within 500 feet of the proposed cellular telecommunications facility to be located on Lick Creek off U.S. Route 23 South, approximately 6 miles south of the city limits of Louisa, Lawrence County, Kentucky.

IT IS THEREFORE ORDERED that Alpha Cellular Telephone Company shall respond in writing to Mr. Lewis's questions, with a copy to the Commission, within 20 days of the date of this Order.

Done at Frankfort, Kentucky, this 22nd day of February, 1993.

PUBLIC SERVICE COMMISSION

  
For the Commission

ATTEST:

  
Executive Director

8 February 1993

George D. Lewis  
4 Westminister Croft  
Brackley, Northants  
England

Executive Director's Office  
Public Service Commission of Kentucky  
P.O. Box 615  
Frankfort, Kentucky 40602

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FEB 16 1993

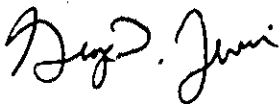
Dear Sir

PUBLIC SERVICE  
COMMISSION

This letter is in reference to an proposed application by Alpa Cellular Telephone Company ( Public Notice 93-025) for a certificate of Public Convenience and Necessity to construct and operate a cellular telephone facility in Lawrence County, Kentucky .

My interest in the matter lies in the fact that I own land within a 500 foot radius of the the property ( R.M. Belt estate).I object to the building of the facility , on the basis that it will diminish the value of my land, due to the fact that it appears that mobile telephones' microwave emissions could be a cause of brain cancer. Althrough I do not live there at the present. My intentions upon my retirement was to return home to Lawrence County, and build a home on the property affected by the proposed facility. The facility would in the worst case make the propery uninhabitable, due to the possible danger of cancer, and in the best case seriously diminish the value of the property due to the fact the current adverse puplicity concerning micro-wave emissions would detire any future purchasers from building an home on the property. See the attached articles from two different British national newspapers. My telephone numbers are Office 0925-36611 ext 216 or Home 0925-445098.

Sincerely Yours



# Mobile telephone cancer fears are real, says expert

by Robert Matthews Science Correspondent

ALLEGATIONS that mobile phones' microwave emissions may be linked to cancer could be justified, according to a leading scientist at Oxford University.

Dr Keith McLauchlan, a fellow of the Royal Society and an expert on the effect of microwaves on chemicals, said his research indicates that assurances put out by the mobile phone industry may be premature.

Over the past two weeks the mobile phone industry has been hit by allegations that heavy users have subsequently died of brain cancer.

Last month in America, shares in mobile phone companies fell after a television programme revealed that NEC is being sued by the husband of a user who died of brain cancer. Last week the American Food and Drug Administration said there was no evidence of the phones being harmful but

advised phone users who were concerned to switch to conventional phones when they made long calls.

British mobile phone operators deny any health hazard, saying that their products are not powerful enough to cause problems.

The National Radiological Protection Board, the Government watchdog, said last week that there was "no cause for undue alarm based on present evidence", although a spokeswoman admitted that more research needed to be done.

But Dr McLauchlan is concerned that researchers have ignored the effects of microwaves on "free radicals" — fragments of molecules constantly being formed inside the body.

Although they exist for only a few hundred mil-

lionths of a second, free radicals can damage DNA — the genetic blueprint inside cells. Such damage can lead to cancer.

According to Dr McLauchlan, experiments have shown that microwaves can boost the levels of free radicals in the body. "I think there is a very good reason for worrying," he said.

In a report on his free radical research, Dr McLauchlan says that current safety standards for protecting the public "are based on little hard fact".

He added: "They were drawn up before most people realised that fields can affect chemistry. The vested interest in believing them to be harmless is enormous."

Dr McLauchlan is now carrying out experiments to measure the effects of micro-

waves on free radicals: "My belief is that there is almost certainly something in it. It is the size of the effect that is the big question."

Andy Lockwood, general manager at BT Mobile Communications, said: "Hundreds of thousands of cellphone users have been making regular calls for a number of years, and no clear evidence has been found to suggest that they have suffered any health-related problems."

Despite these assurances, the Department of Trade and Industry said last week that it is supporting a £500,000 research project into the interaction of microwaves with the human head.

A DTI spokesman denied, however, that the research was linked to the current controversy. He said: "We must stress that we are not carrying out research into cancer."

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PUBLIC SERVICE COMMISSION

IN TODAY'S  
OTHER  
PAPERS



## CID bill for overtime

● Detectives are being forced to stay off work while crime soars because their bosses cannot meet massive overtime bills, says *The Mail on Sunday*.  
The problem affects Scotland Yard's flying squad, the regional crime squad, the drug squad and CID offices across Britain, but the paper says the anti-terrorist squad has been exempted from cash restrictions in its hunt for IRA bombers.  
One of the most active regional crime squad offices, in Barking, Essex, was closed for December because of the huge amounts of overtime incurred. The paper says all 34 detectives from the unit stayed at home.

## Mobile phone cancer link

● Allegations that mobile phones' microwave emissions may be linked to cancer could be justified, reports *The Sunday Telegraph*.  
Dr Keith McLauchlan, a leading scientist at Oxford University, told the paper that his research indicates assurances by the mobile phone industry may be premature. In the past fortnight there have been allegations that heavy users of mobile phones have died from brain cancer. In America, the husband of one user who died from brain cancer is suing a phone company.

## 'Abnormalities' in cot deaths

● Many baby victims of cot death have been starved in the womb of key nutrients vital to their development, reports *The Observer*. Scientists at Liverpool University discovered severe  
Dr Shireen Chantler, adviser to the Foundation for the Study of Sudden Infant Deaths which is funding the research project, said last night: "A lot more work is

JK  
special suit  
during ... attack.  
violence;  
1.5  
Tape is a cut

discovered severe