

* spoke to Mr. Broadbent 20 May 2003
use this address.

H16 0634/03

19 MAY 2003

15 May 2003

Our Ref: DJB/LIN7038
Your Ref :

Chief Planning Officer
South Holland District Council
Council Offices
Priory Road
Spalding
Lincolnshire
PE11 2XE

RECORDED DELIVERY

SHDC

Planning & Development

19 MAY 2003



Aquarius
4520 Solihull Parkway
Birmingham Business Park
Solihull
West Midlands
B37 7YN
Tel 0870 376 8888
Fax 0870 372 6801

Dear Sirs

RE: APPLICATION BY ORANGE PCS LTD. FOR DETERMINATION AS TO WHETHER PRIOR APPROVAL IS REQUIRED FOR THE SITING AND APPEARANCE OF THE DEVELOPMENT UNDER THE TOWN AND COUNTRY PLANNING (GENERAL PERMITTED DEVELOPMENT) (AMENDMENT) (ENGLAND) ORDER 2001.

Orange Personal Communications Services Ltd is a Telecommunications Code System Operator. Under the conditions of our Licence (effective 27 July 1995) granted by the Secretary of State for Trade and Industry under Section 7 of the Telecommunications Act 1984, we are obliged to give **written notification** to the Local Planning Authority of our intention to install telecommunications apparatus at

VP Nurseries
3 Mallard Road
Low Fulney
Spalding
Lincolnshire

Description of Proposed Development

The proposal comprises the replacement of the existing 15 metre Type T15 Column with a new 15 metre GCO Column.

The above works would appear to constitute **permitted development** as set out under Part 24 of the Town and Country Planning (General Permitted Development) (Amendment) (England) Order 2001, subject to your determination under Paragraph A.2 (4)(b) as to whether the prior approval of the Authority will be required to the siting and appearance of the development.

Please therefore take this letter both as notification under our **Operator's Licence** that, subject to your determination as above, after the expiry of 56 days from the date this was received, we will carry out our installation, and an application for determination as to whether your prior approval is required to the siting and

Orange Personal Communications
Services Limited
Registered Office:
St. James Court Great Park Road
Almondsbury Park Bradley Stoke
Bristol BS32 4QJ

Registered No:
2178917 England

appearance of the development. I enclose a cheque for £220 to cover the application fee. I also enclose 4 copies of the plans numbered: LIN7038B, which detail the proposed development along with the location plan.

I can confirm that Orange has served a Developer's Notice on the Landowner

BACKGROUND

The upgrading of this existing site is necessary in order to permit the installation of a communications dish on the new tower. The current tower design will not permit the installation of a dish. Without a dish, the site is not capable of being networked back into the Orange network, and hence cannot provide coverage.

ICNIRP

I can confirm that the Upgrade when operational is designed to comply with ICNIRP requirements outside our exclusion zone (which will be signed on site) and the ICNIRP guidelines as expressed in the EU Council Recommendation of 12 July 1999 and as endorsed by the Consultation paper on Telecommunication Mast Development (by telecommunications Code operators) July 2000. I have also enclosed a copy of the ICNIRP certificate for your attention.

Frequency & Modulation

All Orange 3G sites operate both the GSM1800 system (transmitting in the frequency range of **1846.5 MHz to 1876.5MHz**) and the UMTS system (transmitting in the frequency range of **1904.9MHz to 1909.9MHz** and **2159.7MHz to 2169.7MHz**).

The modulation method employed in GSM 1800 is **GMSK** (Gaussian Minimum Shift Keying) which is a form of **Phase Modulation**.

The modulation method employed in UMTS is **QPSK** (Quad Phase Shift Keying) which is another form of **Phase Modulation**.

Power Output

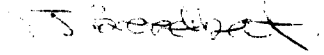
Oranges' licence limits the allowed radiated power to an effective isotropic radiating power (EiRP) of +62dBm (approximately 1600W per carrier. For the antenna configurations used in the Orange network this equates to a maximum transmitter power of 30W per carrier.

For a macrocell, which this installation is, operating with several transmitter the typical power would be approximately 80W.

Under the terms of Orange's **Operators Licence** we are able to carry out Permitted Development works within the 56 day period where the Authority being notified confirm they have no objections to us doing so.

If you have any questions concerning the above, or wish to discuss this matter further, please contact me direct on 0121 329 4416.

Yours faithfully

A handwritten signature in black ink, appearing to read 'David J Broadbent', with a stylized flourish at the end.

David J Broadbent MRICS

Email david.broadbent@orange.co.uk

Enc.