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18<sup>th</sup> November 2023

**Sent from: EM Radiation Research Trust Director Eileen O'Connor**

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For the attention of: Birmingham City Planning

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EM Radiation Research Trust Chairman Mr Brian Stein CBE

**Ref: Planning Application - 2023/07552/PA**

**Site Address: School Road/Warstock Lane Junction of Yardley Wood Birmingham B14 4BJ**

Application for a prior notification for the proposed Base Station installation of a 20.0m High Orion Pole on a new T9 Root Foundation, together with 6No. Antennas 1No. GPS Module, 2No. 300~~s~~ Dishes, 2No. Cabinets and associated ancillary works.

**Objection from the EM Radiation Research Trust for the following reasons:**

**There is no ICNIRP certificate with this application?**

We realise that the ICNIRP guidelines are irrelevant with regards to protecting public health from biological effects and long-term exposure. However, we fully appreciate the importance with regards to industry signing the ICNIRP certificate and therefore taking responsibility for potential future claims.

There are already two successful claims in the UK for Electrosensitivity, the case EAM v East Sussex County Council (Special educational needs) features a child who suffers from Electrosensitivity, and a social worker won 'early ill health retirement for disabling Electrosensitivity, details available via <https://phiremedical.org/in>.

In addition, six Italian courts have ruled that mobile phones cause brain tumours.

<https://childrenshealthdefense.org/news/six-italian-courts-have-ruled-that-cell-phones-cause-brain-tumors/>

The \$21 billion reinsurance company Swiss Re Group, which is one of the world's leading providers, rated 5G as a "high impact" liability risk, affecting property and casualty claims, citing concerns about biological effects, and potential claims for health impairments with long-term consequences. <https://ehtrust.org/key-issues/electromagnetic-field-insurance-policy-exclusions/>

The ICNIRP guidelines are set for thermal heating for short term, 6 minutes is the normal time frame to a small area of the body, plus a 30 -minute window for whole body exposure according to ICNIRP's May 2020 paper. ICNIRP guidelines are woefully inadequate in offering any form of protection in the real world for public long-term exposure and especially children.

Existing scientific data confirms that current levels of radiation exposure, as in 2G, 3G, 4G and now 5G are damaging to health of all biological life forms. The cumulative effect of densification to enable 5G, will potentially be catastrophic for health. The ICNIRP guidelines are irrelevant according to many doctors and scientists, politicians and decisions taken in the courts. The Science and Technology Options Assessment Committee (STOA) of the European Parliament published a review on 5G describing 5G as an experiment on the population. [https://www.europarl.europa.eu/thinktank/en/document.html?reference=EPRS\\_STU%282021%29690012](https://www.europarl.europa.eu/thinktank/en/document.html?reference=EPRS_STU%282021%29690012)

We would like to draw your attention to an excellent researched article written by Gillian Jamieson and published on 15<sup>th</sup> November 2023 with the title **Experts Raise Public Health Fears About Microwave Syndrome From 5G Masts**. This article provides detailed information regarding 5G case studies carried out this year by Professor Lennart Hardell and Mona Nilsson, in which eight people developed debilitating symptoms after the installation of 5G masts next to their accommodation, where precise radiation measurements were taken. <https://dailysceptic.org/2023/11/15/experts-raise-public-health-fears-about-microwave-syndrome-from-5g-masts>

Thousands of medical, scientific, legal professionals and members of the public support the International Declaration calling for the human rights of children in the digital age. This Declaration launched by Americans for Responsible Technology (ART). It focuses on three legal rights of children regarding the deployment and use of technology: their right to be free from intentionally addictive devices, platforms, and apps; their right to be free from excessive exposure to wireless radiation; and their right to be free from commercial exploitation. <https://www.thechildrensdeclaration.org/>

The BioInitiative Working Group reviewed thousands of scientific papers that show biological harm from such radiation emissions. This group of experts calls for the precautionary approach and urgent action due to chronic EMF-related diseases that are a potential risk for everyone. <https://bioinitiative.org/conclusions/>

It is common knowledge, and supported by peer reviewed evidence that phone mast radiation and the ICNIRP guidelines raise health & safety concerns, as follows.

- Not suitable for those suffering with Electrosensitivity. <https://www.es-uk.info/wp-content/uploads/2021/05/ES-UK-information-leaflet.pdf>
- ICNIRP based on thermally heating effects only. <https://www.powerwatch.org.uk/science/intguidance.asp>
- Masts emit pulsed microwave radiation. [https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(00\)03243-8/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(00)03243-8/fulltext)
- RF/microwave radiation is recognised as a class 2B carcinogen by the WHO. [https://www.iarc.who.int/wp-content/uploads/2018/07/pr208\\_E.pdf](https://www.iarc.who.int/wp-content/uploads/2018/07/pr208_E.pdf)
- Are fire hazards due to electrical faults. <https://www.aspentimes.com/opinion/guest-commentary-is-5g-a-potential-fire-hazard/>
- Can disrupt and disable medical devices such as pacemakers. (Outside scope of ICNIRP guidelines.) <https://www.icnirp.org/cms/upload/publications/ICNIRPrfgdl2020.pdf>
- ICNIRP conflicts of interest stated by a judgement at the Turin Court of Appeal. [https://www.radiationresearch.org/wp-content/uploads/2020/01/Turin-Verdict-ICNIRP\\_Judgment-SUMMARY-of-the-Turin-Court-of-Appeal-9042019\\_EN-min.pdf](https://www.radiationresearch.org/wp-content/uploads/2020/01/Turin-Verdict-ICNIRP_Judgment-SUMMARY-of-the-Turin-Court-of-Appeal-9042019_EN-min.pdf)
- ICNIRP’s guidelines are based on studies from the 1980’s involving 40–60-minute exposures in 5 monkeys and 8 rats. <https://ehjournal.biomedcentral.com/articles/10.1186/s12940-022-00900-9>
- Paolo Vecchia, ICNIRP Chair from 2004 until 2012 said “the ICNIRP guidelines are neither mandatory prescriptions for safety, the “last word” on the issue nor are they defensive walls for Industry or others.” Slide no (16) [https://www.radiationresearch.org/wp-content/uploads/2018/06/021145\\_vecchia.pdf](https://www.radiationresearch.org/wp-content/uploads/2018/06/021145_vecchia.pdf)

Furthermore, public perception of danger is a valid planning consideration. From previous PPG8 – Paragraph 29. Health considerations and public concern can in principle be material considerations in determining applications for planning permission and prior approval. Whether such matters are material in a particular case is ultimately a matter for the courts. It is for the decision-maker (usually the local planning authority) to determine what weight to attach to such considerations in any particular case. Mr Justice Moseley stated in *R v Stockport Metropolitan Borough Council ex parte Smith* “it is arguable that actual and perceived health risks are relevant to siting of these masts.”

The case of *Yasmin Skelt vs Secretary of State (John Prescott) and Three Bridges District Council and Orange* (2003), made it clear that it is not acceptable for local planners to accept an ICNIRP certificate according to a High Court Judge who highlighted “failure to adequately consider the weight to be given to the health concerns of the claimant in his decision letter.” The First Secretary of State offered to concede the case and to pay reasonable costs.

We call on Birmingham City Council to take health into consideration. Campaigners have already successfully claimed against Brighton and Hove Council with Hutchison 3G as the interested party in the landmark legal ruling in November 2021 at the Planning Court, Queen’s Bench Division, High Court of Justice, London with The Honourable Mr Justice Holgate who overturned the local authority approval for the 5G mast to be sited close to a primary school. The ruling found that the Council “failed to address the health impacts” of the mast. <https://rfinfo.co.uk/wp-content/uploads/2021/11/Consent-Order-02.11.21.pdf>

There is also concern for devaluation of property. An article published in 'This is Money' raises concerns with the headline 'Phone mast wipes £50,000 off house value' this feature highlights concerns raised by property experts, David Adams, sales director at Hamptons International. He said: 'There are two ways mobile phone masts affect property prices - by being close to one and actually looking out over it. In this case it's both, so it's a double whammy.' In addition, A spokesman for the Royal Institution of Chartered Surveyors said there was no way of calculating the exact effect of a phone mast on property prices. 'You have to treat it as any other kind of blight, like being next to a smelly glue factory, a noisy garage, a cliff, a wind farm or something really ugly.'

<https://www.thisismoney.co.uk/money/mortgageshome/article-1587027/Phone-mast-wipes-50000-off-house-value.html>

We also call on public officials to reject this application and launch a full investigation calling for a complete review of the whole planning process for this technology taking health into consideration based on independent research demonstrating biological effects below the ICNIRP guidelines. Fire hazard safety should also follow strict regulations and regular safety inspections. Public health and safety should take priority over industry profits.

Visit the EM Radiation Research Trust for more information: [www.radiationresearch.org](http://www.radiationresearch.org)

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