

# **Peru**

## **Report on EMF Activities**

### **9<sup>th</sup> International Advisory Committee Meeting on EMF**

**June 2004**

#### **REGULATION**

In July 2003 it was issued the Decree 038- MTC on Non Ionizing Radiation Maximum Permissible Limits for Telecommunications Activities. These limits are based on ICNIRP recommendations and regulate emissions from telecommunication radio-stations from 9 kHz to 300 GHz. It is planned in this year to introduce some related directives

- Directive for Procedures of EMF Measurement Equipment Certification
- Directive for Supervision and Control of Maximum Permissible Limits
- Guidance for the Theoretical Study on Non- Ionizing Radiation
- Protocols for Non Ionizing Radiation Measurements
- Technical Regulation on Radio- Electric Restrictions in Areas for General Public Use

After July it would be approved the National Environmental Quality Standards on Non-Ionizing Radiation. These standards which were coordinated by the Ministry are totally based on ICNIRP's and covers the frequency range from 0-300 GHz and all of the production activities which produce NIR in this range.

This year, it's also planned to put into force the non ionizing radiation limits for electric energy facilities.

#### **SURVEYS ON EXPOSURE LEVELS TO GENERAL PUBLIC AND WORKERS FOR ELF AND RF**

The last year it was developed a survey on ELF from power lines in Lima City. It includes 779 points and 62 % of the levels from magnetic fields were above 0,4  $\mu$ T which is consistent with the results obtained two years ago in another sample of our population

INICTEL has conducted from 1998 until now measurements in 140 base stations from 800 and 1900 MHz frequency bands. In February 2004 has been done an evaluation of these measurements and it is concluded that from 380 measurements 99 % of them are under 1,5 % of ICNIRP limits

#### **RISK COMMUNICATION**

In March of this year, because of the increasing concern of Peruvian Population about mobile stations the Peruvian Minister of Transports and Communications (MTC) organized a one day conference “ Antenna and Human Health: Myths and truths”. Dr. Repacholi was the main speaker .

MTC is also starting a program in order to address the local governments about telecommunication stations concern.

INICTEL has prepared a minibook “ La Telefonía Móvil y su Salud” (Mobile Telephony and your Health which can be downloaded from the WHO EMF Project website at:  
[http://www.who.int/peh-emf/publications/en/esp\\_mobphonehealthbk.pdf](http://www.who.int/peh-emf/publications/en/esp_mobphonehealthbk.pdf)

INICTEL is also preparing a book on non-ionizing radiation that it is expected to be issued in the end of this year.