



Republic of the Philippines
Department of Science and Technology

PHILIPPINE NUCLEAR RESEARCH INSTITUTE



27 May 2015

PNRI INFORMATION NOTICE 2015-01

PNRI ADMINISTRATIVE ORDER NO. 01, SERIES OF 2015, ADOPTION OF IAEA GENERAL SAFETY REQUIREMENTS (GSR) PART 3 – RADIATION PROTECTION AND SAFETY OF RADIATION SOURCES: INTERNATIONAL BASIC SAFETY STANDARDS

ADDRESSEES

All PNRI licensees and applicants of radioactive material license.

PURPOSE

The Philippine Nuclear Research Institute (PNRI) is currently revising the Code of PNRI Regulations (CPR) Part 3, “Standards for Protection against Radiation” to harmonize with the recent developments and updates on standards of radiation protection and safety set forth by the International Atomic Energy Agency (IAEA). In support of the revision, the PNRI has published the Administrative Order No. 01, Series of 2015 adopting the IAEA General Safety Requirements (GSR) Part 3 “Radiation Protection and Safety of Radiation Sources – International Basic Safety Standards” as the basis for the formulation of regulations and standards in the use of nuclear and radioactive materials in the country. This Information Notice is issued to inform the licensees and applicants of the publication of the abovementioned AO in the Official Gazette, Vol. 111 No. 21 on 18 May 2015.

DESCRIPTION OF CIRCUMSTANCES

The IAEA Safety Requirements has been widely used by a majority of IAEA Member States as the basis for their national regulations. It may be recalled that the IAEA Safety Series No.115 issued in 1996 entitled “International Basic Safety Standards for Protection against Ionizing Radiation and for the Safety of Radiation Sources (IBSS)”, has been adopted in 2004 and formed the basis for the Code of PNRI Regulations (CPR) Part 3 “Standards for Protection against Radiation.” In 2014, the IAEA issued the General Safety Requirements (GSR) Part 3, “Radiation Protection and Safety of Radiation Sources: International Basic Safety Standards”, which supersedes Safety Series No. 115. IAEA GSR Part 3 drew upon information derived from the experience of member states, the extensive research and development work by national and international scientific organizations as well as the findings of the United Nations Scientific Committee on the Effects of Atomic Radiation (UNSCEAR) and the recommendations of the International Commission on Radiological Protection (ICRP). Recognizing the need to keep the regulations up-to-date, the PNRI shall incorporate the relevant parts of the latest IAEA safety requirements into its own regulatory instruments to enhance its current regulatory control, whenever practicable, on the safe use of nuclear and radioactive materials in all its licensed facilities across the country.

DISCUSSION

The GSR Part 3 details the requirements for the protection of people and the environment from the harmful effects of radiation and for the safety of radiation sources. It contains 52 requirements organized by integrating the three categories of exposure – occupational, public and medical, as applicable, into the three types of exposure situations – planned, emergency, and existing exposure situations, as appropriate.

Considering that the existing CPR Part 3 is now outdated and the relevance of the new IBSS in governing the safe use of radioactive materials applications, the PNRI will adopt and follow the recommendations of the GSR Part 3 in its revision of the CPR Part 3 to set practical requirements for radiation protection and safety.

The **PNRI ADMINISTRATIVE ORDER NO. 01, SERIES OF 2015** is now available and can be downloaded from the PNRI website (www.pnri.dost.gov.ph).

REQUIRED LICENSEE RESPONSE

Licensees/applicants are required to review the Administrative Order for guidance and appropriate action, as necessary. No written response to this Information Notice is required.

CONTACT

If you have any questions about the information in this notice, please contact:

TERESITA G. DE JESUS

OIC, Regulations and Standards Development Section
Nuclear Regulatory Division
Philippine Nuclear Research Institute
Tel. No. 929-6011 to 19 local 227

TEOFILO V. LEONIN, JR.

Chief, Nuclear Regulatory Division
Philippine Nuclear Research Institute
Tel. No. 920-8796

APPROVED:

(Sgd.) ALUMANDA M. DELA ROSA, Ph.D.

Director

Date: May 29, 2015