



11 June 2025

PNRI INFORMATION NOTICE 2025-01

NEW REGULATION: CPR PART 9, “SAFETY ASSESSMENT OF NUCLEAR AND RADIATION FACILITIES AND THEIR ASSOCIATED ACTIVITIES”

ADDRESSEES

All PNRI license holders and applicants of License to Operate (LTO) for nuclear and radiation facilities and activities.

PURPOSE

The Philippine Nuclear Research Institute (PNRI) is issuing this Information Notice to inform current license holders and applicants of the publication of the Code of PNRI Regulations (CPR) Part 9: “Safety Assessment of Nuclear and Radiation Facilities and their Associated Activities” in the Official Gazette Vol. 121 No. 22 on 2 June 2025. The CPR Part 9 establishes the requirements for the licensees and applicants to perform and manage the safety assessment of nuclear and radiation facilities and their associated activities to determine whether adequate measures are in place commensurate, to the extent practicable, with the level of associated risks and in accordance with applicable regulations.

DISCUSSION

The prime responsibility for safety is always the person or organization responsible for the facilities and activities that give rise to radiation risks, and safety assessment is performed to demonstrate that the facility and/or practice is safe and addresses radiation risks during normal, anticipated occupational occurrences, and accident conditions. Safety assessment is the process of evaluating the safety of a facility or activity using nuclear or radioactive materials and identifying and quantifying its potential impact on human health and the environment. Safety assessments shall to be carried out and documented throughout the lifetime of the facility or before, during, and after the conduct of activity by the responsible organization. Safety has to be assessed for all facilities and activities and has to be developed in a systematic manner using a graded approach. For an authorized facility, it may only be constructed and commissioned, or an activity may only be commenced once it has demonstrated and justified to the regulatory body that the proposed safety measures are adequate.

The development of CPR Part 9 underwent a series of review process through discussions, consultations, revisions and regulatory conference prior to its approval. In general, the new CPR Part 9 establishes the overall requirements for safety assessment specific for different facilities and activities.

Furthermore, the CPR Part 9 is aligned with the IAEA recommendations, and other international standards best practices, and adopts a graded approach to provide the particular aspects of the safety assessment and safety analysis for specific types of facilities and activities to be carried out, commensurate with the possible radiation risks arising from the facility or activity and the complexity of the models and tools used.

The Code of PNRI Regulations (CPR) Part 9: "Safety Assessment of Nuclear and Radiation Facilities and their Associated Activities" is now available and can be downloaded from the PNRI website (www.pnri.dost.gov.ph).

This regulation takes effect on June 17, 2025. For facilities and activities with existing license from PNRI, all the requirements of CPR Part 9 must be fulfilled within two (2) years after its effectivity.

For a new facility, a safety assessment must be conducted at the design stage as part of the requirements to apply for a license.

For facilities under construction and no safety assessment has been previously conducted, a retrospective safety assessment must be carried out to confirm or identify any additional measures required.

REQUIRED LICENSEE RESPONSE

All current holders and applicants of License to Operate (LTO) for nuclear and radiation facilities and activities are directed to review the new CPR and make the necessary actions, as appropriate and applicable, and reflect the additional requirements necessary for compliance.

CONTACT

If you have any question about the information in this Notice, please contact:

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