



Republic of the Philippines
Department of Science and Technology



PHILIPPINE NUCLEAR RESEARCH INSTITUTE

8 January 2020

PNRI INFORMATION NOTICE 2020-01

REVISED REGULATION: CPR PART 7, "LICENSING OF NUCLEAR INSTALLATIONS, Rev. 01"

ADDRESSEES

All applicants of PNRI license and other interested parties

PURPOSE

The Philippine Nuclear Research Institute (PNRI) is issuing this information notice to inform addressees of the publication of the revised Code of PNRI Regulations (CPR) Part 7 "Licensing of Nuclear Installations, Rev. 01", formerly entitled "Licensing of Atomic Energy Facilities", in the Official Gazette Vol. 115 No. 37 on 16 September 2019. It provides the licensing requirements to construct new nuclear installations or to undertake major modifications and refurbishments of existing nuclear installations. It also provides requirements for application for a license to operate a nuclear installation including nuclear commissioning tests. The CPR Part 7 was revised to strengthen the regulation and to be consistent with internationally accepted safety standards.

REVISIONS TO THE CPR

The revisions to CPR Part 7 include, among others, the following changes:

Section 2. Scope

The scope of this regulation covers the license applications for the following: nuclear power plants, research reactors (including subcritical and critical assemblies, and any adjoining radioisotope production facilities), storage facilities for spent fuel, facilities for the predisposal management of radioactive waste arising from nuclear installations, and nuclear fuel cycle related research and development facilities.

Section 3. Definition of Terms

The following terminologies have been redefined:

- Design basis
- Nuclear installation

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The following additional terms used in the document were defined:

- Accident conditions
- Anticipated operational occurrence
- Applicant
- Commissioning
- Construction or constructing
- Contractor
- Decommissioning
- Design basis accident (DBA)
- Design extension conditions (DEC)
- Emergency
- Emergency plan
- Emergency preparedness
- License
- Licensee
- Normal operation
- Nuclear material
- Operation
- Optimization (of protection and safety)
- Periodic safety review
- Postulated initiating event (PIE)
- Provisional Permit
- Radioactive material
- Regulatory body (PNRI)
- Safety analysis
- Safety analysis report
- Safety-related Structures, Systems and Components (SSC)

Section 6. Applicability of other Regulations and Requirements, and Resolution of Conflicts

The requirements provided in CPR Part 7 apply in conjunction with other applicable Code of PNRI Regulations (CPRs), national and local laws and regulations of other responsible government agencies.

Section 7. Pre-requisite to Licensing

This section provides the pre-requisite requirements to ensure that the site is suitable for a nuclear installation in accordance with CPR Part 5, "Siting Requirements for Nuclear Installations".

Section 8. Licenses Required for Regulated Activities

This section provides the requirements for a license to construct and license to operate.

Section 9. General Requirements for License Applications

This section provides the general requirements for the application for a license of a nuclear installation.

Section 10. Specific Requirements for the Application for License to Construct

The applicant may be granted a license to construct provided that the information in its application satisfies the general and specific requirements and demonstrates that the

proposed nuclear installation will be designed and constructed in compliance with the applicable laws of the Republic of the Philippines and the regulations of the PNRI.

Section 11. Specific Requirements for the Application for License to Operate

This section provides the specific requirements for the application for a license to operate a nuclear installation.

Section 12. Requirements for the Safety Analysis Report

This section provides necessary information that must be included in the safety analysis report.

Section 13. Filing of Applications

This section emphasizes that application for a License to Construct must be filed at least three (3) years prior to planned commencement of construction for nuclear power plants and at least one (1) year for non-power nuclear installations. In addition, the applicant must file the application for a License to Operate at least one (1) year prior to the proposed starting date of nuclear commissioning tests for nuclear power plants and at least six (6) months for non-power nuclear installations. Each application for a nuclear installation license shall be accompanied by such fee as prescribed in the regulations.

Section 14. Completeness, Accuracy, and Withholding of Information

The applicant is required to submit complete and accurate information to PNRI. In case the applicant seeks to withhold certain information from public disclosure, they must provide a reason and this is subject for approval of PNRI.

Section 15. Issuance and Conditions of Provisional Permit

The PNRI may issue a provisional permit to applicant provided that the siting requirements conform to the provisions of CPR Part 5. The provisional permit is granted for specific activities that are authorized to be performed prior to issuance of the license to construct.

Section 16. Issuance and Conditions of License to Construct

This section enumerates the conditions for the issuance of the License to Construct which may be valid for a maximum of ten (10) years or for a period specified by the PNRI in the license depending on the type of nuclear installation.

Section 19. Renewal of License to Operate

The licensee is required to file their application for renewal of a license at least 2 years before the expiration of the license.

Section 20. Termination of License

The licensee is required to submit an updated decommissioning plan upon application for termination of license.

Section 21. Periodic Safety Review

The new section on periodic safety review provides the requirements for the systematic and regular reassessment of the nuclear installation that may remain fit to continue operation.

Section 22. Maintenance of Records, Making of Reports

The new section on periodic safety review provides the requirements for the systematic and regular reassessment of the nuclear installation that may remain fit to continue operation.

Section 23. Immediate Notification Requirements

This section discusses in detail the situations that require immediate notifications to the PNRI.

Section 24. Reporting of Events

The licensee is required to report to PNRI within thirty (30) days after the occurrence or discovery of the events described in Section 23.

Section 25. Inspections

The duly authorized PNRI representatives must be permitted to conduct inspection of the licensed materials in possession, premises and their activities. The IAEA representative must also be permitted to conduct inspection activities on specific dates and take other action as necessary to implement the Philippines/IAEA Safeguards agreement.

DISCUSSION

PNRI has been implementing regulations wherein comprehensive requirements were defined for strict compliance. However, recent developments from international standards recommended more specific requirements towards meeting the regulatory objectives. In line with this effort, PNRI has been regularly updating its published regulations which include the CPR Part 7.

The said CPR details the requirements for the licensing of nuclear installations in the Philippines.

The CPR Part 7 Rev. 01 is now available and can be downloaded from the PNRI website. (www.pnri.dost.gov.ph).

REQUIRED LICENSEE RESPONSE

The CPR Part 7 contains requirements that all addressees are required to comply. The applicants are required to review the revised regulation for guidance and appropriate action, as necessary.

CONTACT

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

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