

ICS 27.120
CCS F77



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 17680.2-2025

Replacing GB/T 17680.2-1999

**Criteria for emergency preparedness and response for nuclear
power plants - Part 2: Off-site emergency organizations and
functions**

核电厂应急准备与响应准则 第2部分：场外应急组织与职能

Issued on: October 5, 2025

Implemented on: October 5, 2025

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1.Structure and Drafting Rules of Standardization Documents". Drafting. This document is Part 2 of GB/T 17680.GB/T 17680 has the following parts published.

---Nuclear Power Plant Emergency Planning and Preparedness Guidelines Part

1.Delineation of Emergency Planning Zones;

---Nuclear Power Plant Emergency Preparedness and Response Guidelines Part

2.Off-site Emergency Organization and Functions;

---Nuclear Power Plant Emergency Preparedness and Response Guidelines Part

3.Functions and Characteristics of Off-site Emergency Facilities;

---Nuclear Power Plant Emergency Preparedness and Response Guidelines, Part

4.Off-site Nuclear Emergency Response Plans and Implementation Procedures;

---Nuclear Power Plant Emergency Planning and Preparedness Guidelines Part

5.Maintaining Off-Site Emergency Response Capabilities;

---Nuclear Power Plant Emergency Preparedness and Response Guidelines, Part

6.On-site Emergency Organization and Functions;

1 Scope

GB/T 17680.2-2025 is the Chinese national standard on criteria for emergency preparedness and response for nuclear power plants - part 2: off-site emergency

organizations and functions, in the field of energy and heat transfer engineering. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 5 October 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 5 October 2025. Classification: ICS 27.120, CCS F77. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the off-site emergency response and preparedness functions and emergency organization of the province (autonomous region, municipality) where the nuclear power plant is located in response to a nuclear accident. and responsibilities. This document applies to off-site nuclear emergency preparedness and response in the province (autonomous region, municipality) where the nuclear power plant is located. Other nuclear power plants requiring off-site emergency response... The province (autonomous region, or municipality) where the facility is located shall refer to this guideline.

2 Normative references

This document has no normative references.

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 sitearea The area where a nuclear power plant is located, which has legal boundaries and is under the effective control of the operating entity.

3.2 off-site All areas outside the main venue.

3.3 The measures taken to respond to a nuclear accident include developing emergency plans, establishing emergency organizations, and preparing necessary emergency facilities, equipment, and supplies. Preparatory work such as personnel training and drills is carried out.

3.4 emergency response Emergency actions and measures taken to control or mitigate the consequences of an accident that leads to an emergency.

3.5 emergency plan It describes the work objectives, policies, and response philosophy of emergency response, as well as the organizations and functions for conducting a systematic, coordinated, and effective response. Responsibility, and the approved documents.

Note. This must be implemented through specific emergency execution procedures.