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The Study of the Construction Requirements for CPI Nuclear Emergency Technical Support Center

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China Power Investment Corporation (CPI) is one of the five state-owned electrical corporations in China and involves thermal power, nuclear power, hydropower, renewable energies, coal and transportation, coal chemical industry and aluminum production etc. CPI Nuclear Power Institute (CNPI) as the Technical Support Organization of CPI, is working on the construction of CPI Nuclear Emergency Technical Support Center. The paper discusses the construction requirements for CPI Nuclear Emergency Technical Support Center. The content includes the role and responsibilities between utilities and the headquarter of nuclear corporations in nuclear emergency preparedness and response, the organization of emergency technical support center, management process and staff requirements, technical and material support requirements, the hardware and software requirements, e.g. core damage assessment, source term assessment, accident consequence assessment.

Country or International Organisation

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