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NUCLEAR SAFETY GUIDE OF THE PEOPLE'S REPUBLIC OF CHINA

HAD 10221-2021

Human Factors Engineering Design of Nuclear Power Plant

核动力厂人因工程设计

(English Translation)

Issued on: December 17, 2021 **Implemented on: December 17, 2021**

Issued by: State Nuclear Safety Administration

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1 Foreword

HAD 10221-2021 was issued by State Nuclear Safety Administration on 17 December 2021 and took effect the same day.

The HAD prefix marks a nuclear safety guide.

The document runs to 45 pages in English translation.

2 Scope Preview

This standard applies to the application of human factors engineering in the design, operation and maintenance of human-machine interfaces of new nuclear power plants, and also applies to the transformation of human-machine interfaces in existing nuclear power plants. This standard applies to the analysis, verification and review, technical support and nuclear safety supervision of nuclear power plant design, construction, operation and decommissioning stages. This standard specifies the basic input information about human physiological and cognitive processes necessary for the design and validation of human-machine interfaces. This standard does not address the application of human factors engineering for nuclear security purposes.

HAD 10221-2021 carries no ICS number and no Chinese Standard Classification code.

This catalogue holds 28 other HAD standards.

In this catalogue, HAD standards carry edition years from 2010 to 2023.

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3 About this standard

Issued by: State Nuclear Safety Administration

English translation: about 45 pages

Chinese original: about 68,631 characters

4 Related standards

Standards on related subjects:

JB 2293-1978 - Wind tunnel test method of radiator of automobile and tractor

5 Classification and status

Prefix HAD: nuclear safety guide.

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