

Safety Review Guides by the Nuclear Safety Commission

Part I. Guides

1. Guides Concerning Light Water Nuclear Power Reactor Facilities Etc.

(1) Siting

Review Guide for Nuclear Reactor Siting and Reference Criteria Concerning its Application

(2) Design

Review Guide for Safety Design of Light Water Nuclear Power Reactor Facilities

Review Guide for Classification of Importance of Safety Functions for Light Water Nuclear Power Reactor Facilities

Review Guide for Seismic Design of Nuclear Power Reactor Facilities

Review Guide for Fire Protection of Light Water Nuclear Power Reactor Facilities

Review Guide for Radiation Measurement During Accidents from Light Water Nuclear Power Reactor Facilities

Matters or Basic Principles to be Taken into Consideration at the Safety Review of Radioactive Liquid Waste Treatment Facilities

(3) Safety Evaluation

Review Guide for Safety Evaluation of Light Water Nuclear Power Reactor Facilities

Evaluation Guide for Core Thermal Design of Pressurized Water Cooled Nuclear Power Reactors

Evaluation Guide for Emergency Core Cooling System Performance of Light Water Nuclear Power Reactors

Evaluation Guide for Reactivity Insertion Events of Light Water Nuclear Power Reactor Facilities

Evaluation Guide for Dynamic Load Added to the Mark-I Containment Pressure Suppression System of Boiling Water Reactors

Evaluation Guide for Dynamic Load Added to the Mark-II Containment Pressure Suppression System of Boiling Water Reactors

Meteorological Guide for Safety Analysis of Nuclear Power Reactor Facilities

(4) Dose Objective

Guide for Dose Objective Around Light Water Nuclear Power Reactor Facilities

Evaluation Guide for Dose Objective Around Light Water Nuclear Power Reactor Facilities
Guide for Measurements of Released Radioactive Materials From Light Water Nuclear Power Reactor Facilities
2. Guides Concerning Test and Research Reactors, Fast Breeder Reactors, Advance Thermal Reactors, Nuclear Ships, Etc.
(1) Guides Concerning Test and Research Reactors
Review Guide for Safety Design of Water Cooled Nuclear Power Facilities for Test and Research
Review Guide for Safety Evaluation of Water Cooled Nuclear Power Facilities for Test and Research
(2) Guides Concerning Fast Breeder Reactors
Principles for Safety Evaluation of Fast Breeder Reactors
Reference Doses Concerning Plutonium Necessary for Siting Evaluation of Nuclear Reactors Using Fuels Containing Plutonium
(3) Guides Concerning Advanced Thermal Reactors
Concept for Safety Evaluation of the Demonstration Reactor of Advanced Thermal Reactors
(4) Guides Concerning Nuclear Ships
Operation Guide of Nuclear Ships and Guidelines for Judging its Application
(5) Guides Concerning Dismantling and Decommissioning
Fundamental Principles on Ensuring Safety Regarding Dismantling of Reactor Facilities
3. Guides Concerning Nuclear Fuel Cycle Facilities
(1) Guides Concerning Nuclear Fuel Cycle Facilities
Fundamental Guide for Safety Review of Nuclear Fuel Facilities
Safety Review Guide for Uranium Processing Facilities
Safety Review Guide for Specific Uranium Processing Facilities
Safety Review Guide for Reprocessing Facilities
Reference Doses Concerning Plutonium Necessary for Siting Evaluation of Nuclear Fuel Utilization Facilities
(2) Guides Concerning Wastes
Fundamental Principles on the Safety Review of Radioactive Waste Burial Facilities
Principles on Safety Evaluation of Waste Management Facilities
4. Guides Concerning Technical Capability

Part II. Reports of Special Committees, Etc.

1. Reports of the Special Committee on Safety Standards of Reactors

(1) Design

Fuel Design Methodology for Light Water Nuclear Power Reactors

"Design Considerations for Internally Generated Missiles" Accompanying the Pipe Rupture

Dry Cask Storage of Spent Fuels at Nuclear Power Stations

Fuel Assemblies of Nine by Nine Array Type to be Used for Boiling Water Reactors

Mixed Oxide Fuels for Light Water Nuclear Power Reactor Facilities

Full Core Loading of Mixed Oxide Fuels in an Advanced Boiling Water Reactors

(2) Safety Evaluation

Clarification of Interpretation on "No Mechanical Damage of Fuel Claddings"

About the decay-heat data used for Decay Heat Data Used for Performance Evaluation of the Emergency Core Cooling System of Light Water Nuclear Power Reactors

Treatment of High Burnup Fuels for the Reactivity Insertion Events of Light Water Nuclear Power Reactor Facilities

Application Methods, Etc. of "Reference Doses Concerning Plutonium Necessary for Siting Evaluation of Nuclear Reactors Using Fuels Containing Plutonium"

(3) Dose Limits

Evaluation of Dose Equivalents for the General Public at the Safety Review of Light Water Nuclear Power Reactor Facilities

Radiation Energy Used for Exposure Calculation

(4) Others

Accident Management as Measures for the Severe Accident at Light Water Nuclear Power Reactor Facilities

2. Reports of the Special Committee on the Safety Standards of Nuclear Fuel

Important Matters for Operation Management, Etc. at Uranium Processing Facilities

3. Reports of the Special Committee for Radioactive Waste Safety regulation

Safety Principles for Return Wastes Accompanying Overseas Reprocessing, etc.

4. By-Law of the Committee on Review of Reactor Safety

(1) Design

Fuel assemblies of Eight by Eight Array Type to be Used for Boiling Water Reactors

Fuel assemblies of Seventeen by Seventeen Array Type to be Used for Pressurized Water Reactors

Core Thermal Design Methodology and Determination Methodology of Thermal Operating Limits for Boiling Water Reactors

Application of the Core Thermal Design Methodology and Determination Methodology of Thermal Operating Limits for Boiling Water Reactors

Safety Review Guidance Concerning the Geology and Ground of Nuclear Power Stations

(2) Safety Evaluation

Reports of the Reload Core Study Group

5. Guides Concerning Emergency Preparedness and Environment

(1) Guides Concerning Emergency Preparedness

Emergency Preparedness of Nuclear Facilities, Etc.

Guides for Environmental Radiation Monitoring in an Emergency

About the Area Boundary to be Preponderantly Substantial in Emergency Preparedness Around Reprocessing Facilities

(2) Guides Concerning the Environment

Guides for Environmental Radiation Monitoring