

The information shown below is an English translation of the “Shimane Genshiryoku Hatsudensho 2gouki ni Okeru Shiyoumae Kakunin Shinseisho no Teishutsu ni tsuite”, notice on submission of application for pre-operational confirmation of Shimane Nuclear Power Station Unit 2 released on September 11, 2023.

* The “ Shimane Genshiryoku Hatsudensho 2gouki ni Okeru Shiyoumae Kakunin Shinseisho no Teishutsu ni tsuite” in Japanese is the official document. This English translation is prepared for convenience.

September 11, 2023

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Notice on Submission of Application for Pre-operational Confirmation of Shimane Nuclear Power Station Unit 2

On August 30, 2023, Chugoku Electric received the approval from the Nuclear Regulation Authority (NRA) for a construction plan of Shimane Nuclear Power Station Unit 2.

Following this, we submitted an application for pre-operational confirmation*2, including a process of an operator's pre-operational inspections*1, to the NRA for the restart of commercial operation of Shimane Unit 2 on September 11, 2023.

We will continue to take all possible measures to ensure the safety construction work, as well as to respond appropriately to the pre-operational confirmation conducted by the NRA, with the aim to create the power station that provides peace of mind to everyone in the local community.

This matter will have no impact on our financial results for the year ending March 31, 2024.

*1 The inspections are carried out by the operator to check that the construction work is proceeding in accordance with the approved contents (materials, dimensions, functions, performance, etc.) of the construction plan. Some contents of the inspections have started in advance since March 2023.

In the process of an operator's pre-operational inspections of Shimane Unit 2, the processes related to the restart are scheduled as follows.

June 2024: Start of fuel loading

August 2024: Reactor start-up

August 2024: Generator paralleling (restart)

September 2024: Resumption of commercial operation

*2 The confirmation is made by the NRA to check that the operator's pre-operational inspections are properly conducted and completed. This is done by witnessing the operator's inspections and by confirming records.

Attachment: Submission of Application for Pre-operational Confirmation of Shimane Nuclear Power Station Unit 2

**Submission of Application for
Pre-operational Confirmation of
Shimane Nuclear Power Station Unit 2**

The Chugoku Electric Power Co., Inc.

September 11, 2023

1. Pre-operational Confirmation

- At Shimane Unit 2, the construction of various safety measure facilities based on the new regulatory requirements is underway, including new installation and modification work, in accordance with the construction plan approved on August 30, 2023.
 - Before these facilities can be put into use, they must undergo operator's pre-operational inspections*1 by Chugoku Electric Power and a pre-operational confirmation*2 by the Nuclear Regulation Authority (NRA).
- *1 The inspections are carried out by the operator to check that the construction work is proceeding in accordance with the approved contents (materials, dimensions, functions, performance, etc.) of the construction plan. Some of the operator's pre-operational inspections for Shimane Unit 2 that can be conducted prior to the approval of the construction plan have been started in advance since March 2023.
- *2 The confirmation is conducted by the NRA to check that the operator's pre-operational inspections are conducted properly and completed. This is done by witnessing the operator's inspections and by confirming records.
- Pre-operational confirmation will be conducted during inspection periods (1) to (3) shown below.

[Main Process of the Operator's Pre-operational Inspections at Shimane Unit 2]

2023				2024														
9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12			
Safety measure construction period									- (1) Fuel is loaded into the reactor after pre-operational confirmation of the inspections is completed. - (2) After completion of pre-operational confirmation of the inspections, the reactor start-up operation is performed, and then the generator is paralleled (power generation is resumed). - (3) Upon completion of pre-operational confirmation of the inspections, the NRA will issue a pre-operational confirmation certificate and the plant will resume commercial operation.									
(1) Inspections before loading fuel																		
(2) Inspections before reactor start-up																		
(3) Inspections before resumption of commercial operation																		

The processes of operator's pre-operational inspections pertaining to restart are scheduled as follows.

Start of fuel loading: June 2024, Reactor start-up: August 2024, Generator paralleling (restart): August 2024, Resumption of commercial operation: September 2024

2. Overview of Submission of Application for Pre-operational Confirmation

- An overview of the process of submitting an application for pre-operational confirmation is shown below.

Item	Details
Target facilities	Shimane Nuclear Power Station Unit 2 Power Generation Reactor Facility <ul style="list-style-type: none">- Nuclear reactor- Facilities for handling and storing nuclear fuel material- Reactor cooling system facilities- Measurement and control system facilities- Radioactive waste disposal facilities- Radiation control facilities- Reactor containment facilities- Other facilities attached to the power generation reactor (emergency power supply facilities, normal power supply facilities, auxiliary boilers, fire protection facilities, flood protection facilities, fuel facilities for driving auxiliary equipment, emergency water intake facilities, emergency response station)
Processes pertaining to operator's pre-operational inspections	See previous page for main process
Scheduled start of use of facilities	September 2024

Based on the procedure for submitting an application for pre-operational confirmation, we submitted an application for pre-operational confirmation to the NRA and the Minister of Economy, Trade and Industry in accordance with Article 49* of the Electricity Business Act on September 11, 2023.

* Article 49 of the Electricity Business Act stipulates that electric facilities for business use to be installed or modified, which are specified by an ordinance of the competent ministry as being particularly important for ensuring public safety, must not be used unless and until they undergo and pass an inspection conducted by the NRA and the Minister of Economy, Trade and Industry with respect to the construction project pursuant to the provisions of ordinance of the competent ministry.

Reference: Operator's Pre-operational Inspections

- Operator's pre-operational inspections are inspections conducted by the operator for a power generation reactor facility where construction work has been performed in accordance with the regulations of the NRA when new installation work, modification/repair work, or decommissioning/removal work of the facility is to be performed.
- During inspections, it is verified whether the subject facilities have been constructed in accordance with the details (materials, dimensions, functions, performance, etc.) specified in the approved construction plan and whether the technical standards and regulations (technical standards regarding function and performance pertaining to the safety of power station facilities required in NRA regulations) have been satisfied.

Examples of Inspections

- Inspections pertaining to structure, strength and leakage
Inspections to confirm that the materials, dimensions, and strength (pressure resistance, heat resistance, etc.) of newly installed or modified facilities conform to the approved construction plans and/or meet standards, and that there are no leaks when water is passed through
- Inspections pertaining to function and performance
Inspections to confirm that newly installed or modified equipment can actually achieve the functions and performance (pump flow rate, pressure, etc.) provided in the approved construction plan