

Reinforcement of Measures to Prevent the Spread of Covid-19 at the Fukushima Daiichi NPS

1. Overview

- As Covid-19 cases spike nationwide, the number of regions subject to the declaration of a state of emergency is increasing. In light of the increasing trend of Covid-19 cases at the Fukushima Daiichi Nuclear Power Station and the upcoming O-bon holiday, we will be reinforcing Covid-19 prevention measures implemented at the Fukushima Daiichi Nuclear Power Station from today (August 3) and also implementing additional countermeasures that will require employees crossing prefectural boundaries to return home during the O-bon holiday to test themselves using antigen test kits.
- Going forward we will continue to suitably implement Covid-19 prevention measures and prioritize safety as we continue the decommissioning process.

2. Reinforcement of Covid-19 prevention measures

- Travel outside of the prefecture
 - We are strongly urging employees and contractors not to travel outside of the prefecture unless absolutely necessary. If travel outside the prefecture is necessary, we urge them to use their own vehicle.
 - Employees traveling outside of the prefecture to return home during the O-bon holiday will be required to confirm that they are Covid-19 negative using antigen test kits distributed prior to leaving to return to work.

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- Confirming travel histories
 - Now when employees have traveled across areas subject to the declaration of a state of emergency or Covid-19 spread prevention measures, it is required that they first get approval from supervisors two levels above their position, and also have their immediate supervisor confirm their travel history prior to returning to work. Going forward, regardless of the destination, all employees that travel outside the prefecture will be required to have their travel history reviewed by their direct supervisor prior to returning to Fukushima Prefecture, and to monitor their health after returning home. This information will be used to determine whether they are allowed to come back to Fukushima Prefecture and to their office.
 - Employees that do not travel outside of the prefecture will also be required to have their travel history during holidays reviewed by their direct supervisor and to report any changes in their health.

 - Business dinners
 - Regardless of the area, employees are prohibited from eating with anyone outside of their immediate family. (This applies to both employees and contract workers)

 - Working from home
 - Employees are encouraged to work from home to an extent that does not impact progress with decommissioning or power station operation, and the percentage of people allowed to come to the office shall be kept below 75%.

 - In-house Covid-19 vaccinations
 - In-house vaccinations have been provided to Fukushima Daiichi employees and contractors since June 28, and at current time, all those wishing to be vaccinated (approximately less than 3,700 people) will have received their second shot by the first week of September.

(Reference) Covid-19 prevention measures at the Fukushima Daiichi Nuclear Power Station (General) (1/3)

< The following measures apply to both TEPCO HD employees and contractors >

■ Surface body temperature checks using infrared thermography (Continued)

- Surface body temperatures are checked at various locations at the power station (two locations in the new administration building, two locations in the entry/exit management building, two locations in the contractor building, front gate), and anyone with a body temperature over 37.0°C is denied entry (as of today no one has been denied entry for this reason).

■ Workers are prohibited from sitting across from each other in the cafeteria (Continued)

- In order to prevent the spread of droplets when sitting across from each other in the cafeteria, every other seat in the cafeteria has been removed.

■ Workers must eat in silence in the cafeteria (Continued)

- Workers are required to eat in silence in the cafeteria to prevent the spread of droplets that may occur from conversation during meals.

■ Travel restrictions (Reinforced measure)

- Workers and employees are strongly urged to refrain from traveling outside of the prefecture unless absolutely necessary. (If travel outside the prefecture is necessary, we urge them to use their own vehicle)
- Regardless of the area, employees are prohibited from eating with anyone outside of their immediate family.

■ Management of new workers at the power station (Continued)

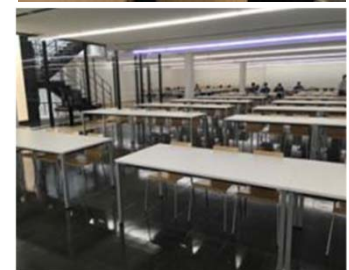
New workers* (contractors) from out side of the prefecture are asked to implement following:

* Excluding employees currently assigned to the Kashiwazaki-Kariwa Nuclear Power Station or Higashidori Nuclear Construction Station

- Activity records for the two weeks prior to transfer are to be reviewed
- Entry permits shall be granted after confirming through PCR testing that there are no problems
- If the worker cannot take a PCR test, entry shall be permitted after confirming that there is no problem by having the worker self-quarantine for two weeks at home without going to the office and watch for any changes in health before coming to the prefecture.

■ In-house Covid-19 vaccinations (Continued)

- Implemented since June 28. All those wishing to be vaccinated will have received their second shot by the first week of September.



(Reference) Covid-19 prevention measures at the Fukushima Daiichi Nuclear Power Station (General) (2/3)

< The following measures apply to TEPCO HD employees >

■ Restrictions on business trips (managed even stricter than before)

- In principle, business trips to the out of Fukushima Prefecture are prohibited.
- In principle teleconferences are encouraged, and employees are being asked to refrain from travel outside of the prefecture as much as possible.
- If planning a business trip, the necessity of the trip must be explained and activity records for the traveling employees for the two weeks prior to the day of travel must be submitted to supervisors.
- Employees are not allowed to go to places where clusters have occurred.

※ "Close (contact)" refers to, "Contact with others at a distance of less than 1m for 15 minutes or more without wearing surgical masks".

■ Travel of employees living away from their families (Continued)

- If employees have traveled across areas subject to the declaration of a state of emergency or Covid-19 spread prevention measures, it is required that they first get approval from supervisors two levels above their position. Furthermore, **anyone traveling outside the prefecture** must have their travel histories reviewed by their immediate supervisor and their health status checked **prior to returning to Fukushima Prefecture**.
- **Employees that do not travel outside of the prefecture will also be required to have their travel history during holidays reviewed by their direct supervisor and to report any changes in their health prior to go to work.**
- **Employees traveling outside of the prefecture to return home during the O-bon holiday must confirm that they are Covid-19 negative prior to returning to Fukushima Prefecture using pre-distributed antigen test kits.**

■ Restrictions on participation in large gatherings and events (Continued)

- **Regardless of the area, employees are prohibited from eating with anyone outside of their immediate family.**
- Employees are asked to avoid eating out or leaving home if there is the chance of being subjected to the 3C's (Closed (environments), Crowded (places), Close (contact)) , or a large, or unspecified, number of people.
- Employees are being asked to keep thorough travel history records.
- If employees, or their family members, cannot comply with the above requests, and did not take precautions within the family to prevent the spread of Covid-19, such as by wearing masks, etc., then the employee must work from home for two weeks after participation in any such event, or must voluntarily subject themselves to a PCR test.

■ Employees are required to wear surgical masks at all times (Continued)

- All station personnel must wear masks (this includes employees living away from their families upon visiting their families)

(Reference) Covid-19 prevention measures at the Fukushima Daiichi Nuclear Power Station (General) (3/3)

< The following measures apply to TEPCO HD employees >

- **Employees must take their temperature prior to coming to work and information is being collected on confirmed and possible infections (Continued)**
 - All employees must take their temperature prior to coming to work and information is being collected on confirmed and possible infections.
 - Employees with a fever must refrain from coming to work and inform their supervisor.
 - If an employee gets a PCR test at a medical institution due to fear of possible infection, s(he) must notify the labor department.
- **It is recommended that employees commute at different times and work from home when possible (Continued)**
 - The flextime system is in use in a planned and corporate-wide manner.
 - It is recommended that employees use company-provided personal computers and iPads to work from home. (The percentage of employees allowed to come work is being kept below 75%)
- **A shift system has been implemented for eating in the cafeteria in employee dormitories and the cafeterias have been demarcated (Continual)**
 - Cafeterias have been demarcated and a shift system has been implemented in order to prevent the spread of the virus during shift changes.

< The following measures apply to contractors >

- **Contractors have been asked to provide updates on employee status (Continued)**
 - Contractors have been asked to contact TEPCO if any of their employees develop serious symptoms such as difficulty breathing, lethargy or a high fever.
 - If a contractor gets a PCR test at a medical institution due to fear of possible infection, TEPCO must be promptly notified.
- **When visiting manufacturers and contractors (Continued)**
 - In principle visits by people coming from the outside of Fukushima prefecture are prohibited.
 - The following countermeasures are to be implemented during unavoidable visits.
 - ✓ Visitors are asked to wear surgical masks during visits.
 - ✓ Rules for our “new lifestyle,” such as wearing surgical masks and only meeting in small groups, must be followed.
 - ✓ Confirm as much as possible that no visitor has subjected themselves to the Three C’s during the two weeks prior to the visit.

(Reference) Shift system at the Fukushima Daiichi Nuclear Power Station

- **At current time workers are adhering to normal shift schedules.**
- **We have been implementing countermeasures to separate lines of travel for shift members and other personnel to prevent those workers who are indispensable for the stable continuation of decommissioning from being infected, such as workers involved in the management of fuel debris, the continuous cooling of spent fuel, and contaminated water treatment.**
- **Commuter bus restrictions**
 - The “shift-member priority bus” has been changed to the “shift-member only bus”
- **Shift members have been asked to avoid contact with non-operations personnel in building hallways, etc.**
 - A separate route from the access control facility to the main anti-earthquake building has been established. (or travel times have been staggered)
 - The changing room usually reserved for visitors is being borrowed in order to separate shift personnel from non-shift personnel
 - The entry/exit to the main anti-earthquake building central monitoring room has been separated to provide one for shift personnel and another for all other personnel.
- **Countermeasures when entering the main anti-earthquake emergency response center and the Unit 5/6 MCR**
 - In principle, only operators are allowed into these locations. If non-authorized personnel must enter these locations, they are required to wash their hands and sterilize them with alcohol, and to wear a surgical mask at all times.
 - Entry/exit information (name, department, entry time) is recorded to enable contact tracing if needed.
- **Operator task environments**
 - Work orders from maintenance division, etc. are now being given outside of the central monitoring room.
 - Information that needs to be passed on to the next shift is being prepared in advance so as to enable this information to be passed on quickly and while maintaining a fixed distance from other shift members.
- **Independent air-conditioning systems are being used to prevent the virus from spreading to other areas**
 - The air conditioning systems for the main anti-earthquake building emergency response center and the Unit 5/6 MCR’s are independent and separate from those used for other areas.

(Reference) Others

■ Measures for when an employee tests positive (applies to both TEPCO HD employees and contractors)

- The infected person and people with whom they have had close contact are prohibited from coming to the office. The infected person and people with whom they have had close contact are required to wait at home or work from home.
The instructions of medical institutions and health centers shall be followed in regards to the PCR testing of people that have had close contact with the infected party (including people suspected of having close contact)
- Disinfection of the areas used by the infected person
Areas used by the infected person shall be disinfected immediately.
Areas used by people with close contact shall also be disinfected immediately.
- The infected person must contact a health center immediately and follow their instructions for subsequent actions.

■ Tours

- Power station tours/visits have been suspended as of July 12 (effective until the declaration of a state of emergency has been lifted)

■ Personal protective equipment

- The Covid-19 pandemic has increased the demand for surgical masks and personal protective equipment both in Japan and overseas, but at current time we have enough radiological protective equipment to continue the decommissioning of the Fukushima Daiichi Nuclear Power Station.
- We fear that manufacturing supply chain issues will persist over the long-term. Therefore, in order to maintain current levels of safety required during the decommissioning of the Fukushima Daiichi Nuclear Power Station, we need to make adjustments as necessary to ensure a stable supply of personal protective equipment, such as seeking this equipment from other vendors. We have also implemented measures to flexibly use personal protective equipment in order to ensure the safety of workers.