

Healthcare of Workers at the Fukushima Daiichi Nuclear Power Plant

(Status of Compliance with Guidelines of the Ministry of Health, Labour and Welfare)

July 26, 2018



Tokyo Electric Power Company Holdings, Inc.

As measures for the healthcare of the workers at the Fukushima Daiichi Nuclear Power Plant, the primary contractors and TEPCO have established and are using a system to address the following workers.

- Target: Workers who have been determined through medical examinations to **“require thorough examinations,” “require medical treatment,” or “require continued medical treatment.” *1**
- Purpose: Ensuring that the above workers **have consulted a doctor and, as needed, have been subject to appropriate work-related relief measures.**

*1 Applicable laws and regulations require that radiation workers should receive medical examinations before they start working as radiation workers and subsequently twice a year. Each determination of the above is based on the results of these medical examinations.

<Background>

- As a response to the guidelines of the Ministry of Health, Labour and Welfare, we started to use the system in July/August 2016 (partially in August), with assistance from the primary contractors and using the specific goals and guidance provided by the University of Occupational and Environmental Health, Japan.
- For the time being, the status of health management will be checked based on quarterly reports from each primary contractor.
(Starting with the 2nd quarter of FY 2016, the status of health management has been reported at meetings by the office for meetings of the team for addressing decommissioning and contaminated water issues.)
- **This report contains information about the health management status in the 4th quarter of FY 2017 covering the medical examinations for January–March) and about the follow-up statuses in the 2nd quarter and earlier.** ⇒ The summary is shown on pages 2 and 3.

[Specific Goals]

TEPCO and the primary contractors must ensure that the workers of the relevant subcontractors:

- 1) Receive necessary medical examinations on a periodic basis;
- 2) Consult a doctor if they have been determined through a medical examination to require medical treatment or a thorough examination;
- 3) Continue to receive necessary medical treatment at least while working at the site of the Fukushima Daiichi Nuclear Power Plant if they have been determined by a doctor to require medical treatment;
- 4) Are treated according to necessary actions including appropriate work-related relief measures based on the results of periodic medical examinations; and/or
- 5) Are subject to appropriate work-related relief measures, with their implementation status being continuously checked and the measures being continuously reviewed.

2. Results: Summarizing the Status of Management for Medical Examinations in the 4th Quarter

Results: summarizing the status of management for medical examinations conducted in the 4th quarter (January–March)

- (1) **The workers' reception of medical examinations and the results** [No. of offices covered: 51 (primary contractors: 48)]
- A total of 3,848 workers received medical examinations during the period, and 940 (24% of all workers) were determined to “require thorough examinations,” “require medical treatment,” or “require continued medical treatment.” The number of those determined to “require thorough examinations” was 244 (6% of all workers).

(2) **Status of those determined to “require thorough examinations”**

- The reports from the primary contractors indicated that 53% of the workers had already received thorough examinations and had been subject to appropriate work-related relief measures by the companies, as needed (A); if those who were expected to be subject to appropriate measures soon (B) were included, the achievement rate was 94%.
- All contractors are appropriately implementing the guidance and management under the established system.
- 6% of the workers concerned replied that they had not received medical examinations after they had been given guidance (C). Their subsequent statuses will be checked through the next reports for the 1st quarter of FY2018.

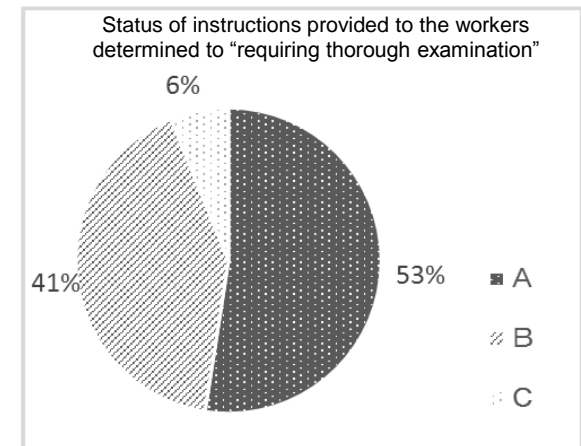
• Number of workers determined to “require thorough examinations”: 244

Status

A (workers have received thorough exams and, as necessary, the companies have applied appropriate work-related relief measures to the workers)	128
B (Workers are undergoing examinations)	101
C (Workers have not yet received thorough exams after guidance)	15

Note: We asked the contractors to report the statuses of those “requiring medical treatment” and “requiring continued medical treatment,” namely, those not “requiring thorough examination,” through the reports for the quarter after the next.

⇒ **The primary contractors are appropriately reporting the statuses, indicating that the systems built by them are effectively functioning, and are even able to identify how the workers are addressed by the relevant subcontractors.**



Note: The numbers of workers indicated are simple sums of those reported from each company. Some workers may have been counted more than once if they were relocated or if the system counted workers on a per medical examination category. The same applies to the figures on the next page.

3. Follow-up on the Statuses in the 3rd Quarter and Earlier

Follow-up of those determined to “require thorough examination” in the 3rd quarter

Number of workers determined to “require thorough examinations”: 504

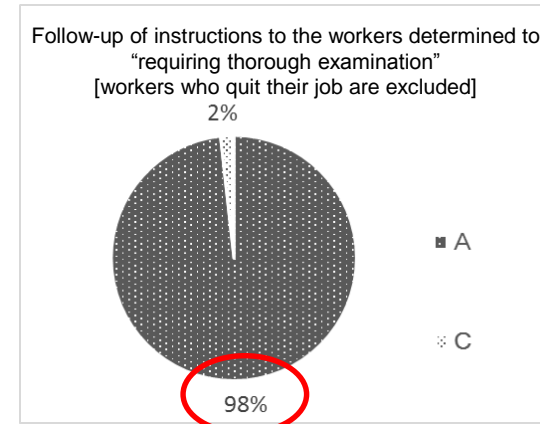
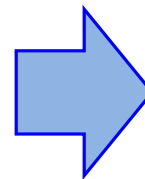
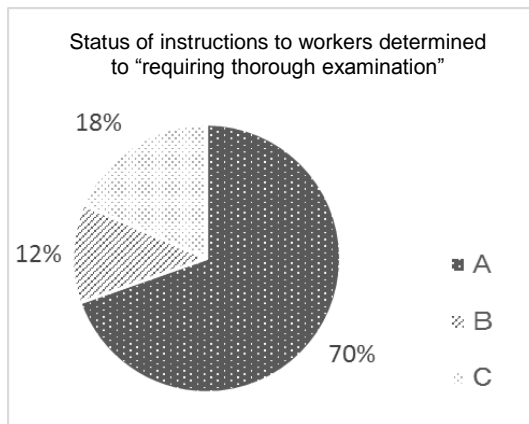
[Status in the 3rd quarter] reported in February 2018

A (workers have received thorough exams and, as necessary, the companies have applied appropriate work-related relief measures to the workers)	351
B (Workers undergoing examinations)	60
C (Workers have not yet received thorough exams after guidance)	93

[Follow-up status] reported in May 2018

A (workers have received thorough exams and, as necessary, the companies have applied appropriate work-related relief measures to the workers)	448
C (Workers have not yet received thorough exams after guidance)	8

(The figures do not include the workers who retired soon after receiving medical examinations.)



⇒ The workers who were not addressed at the time of the 3rd-quarter reporting were **continuously addressed; at the time of this follow-up reporting, 98% of the workers concerned had appropriate work-related relief measures applied by the companies, as needed** (the figure does not cover retired workers). The remaining 2% (8 workers) will also be continuously monitored.

Statuses of those determined to “require medical treatment” or “require continued medical treatment” in the 2nd quarter

(The contractors are required to report the statuses of those “requiring medical treatment” and “requiring continued medical treatment” through the reports for the quarter after the next.)

⇒ Workers concerned received or are continuously receiving medical treatment, except for those who retired after receiving the medical examination.