

# Healthcare of Workers at the Fukushima Daiichi Nuclear Power Plant

(Status of compliance with guidelines of the Ministry of Health, Labour and Welfare)

July 27, 2017



Tokyo Electric Power Company Holdings, Inc.

**A system to confirm the following has been established and is being operated by each primary contractor and TEPCO as measures for healthcare of workers at the Fukushima Daiichi Nuclear Power Plant.**

- Target: Workers who have been considered as “**requiring thorough examination**”, “**requiring medical treatment**”, and “**requiring continued medical treatment**” as a result of medical examinations.
- Purpose: To confirm that the above workers **have received medical checks and work instructions, etc. as needed.**

## <Background>

- As the response to the guidelines of the Ministry of Health, Labour and Welfare, operation of this system started in July 2016 (partially in August), in cooperation with the primary contractors, with specific achievement goals concerning the suggestions provided by the University of Occupational and Environmental Health, Japan.
- It has been decided that the confirmation should be made, based on quarterly reports from each primary contractor, on the status of their health management for the time being.  
(The state of health management in the 2<sup>nd</sup> and 3<sup>rd</sup> quarters of FY 2016 was reported in Jan. and Apr., 2017 at the Secretariat meetings of the Joint Team for Decommissioning and Contaminated Water Issues.)
- **This report confirms management status of the 4<sup>th</sup> quarter (medical examinations from Jan. to Mar.) and the follow-up status of those until the 3<sup>rd</sup> quarter. ⇒ The summary is shown on pages 2 and 3.**

## [Clear Achievement Goal]

To achieve a state wherein the following five items are certainly implemented by both TEPCO and the primary contractors for the workers of the relevant subcontractors.

- 1) Ensuring that all workers receive necessary medical examinations on a periodical basis
- 2) Ensuring that any worker, considered to require medical treatment or thorough examination as a result of medical examinations, has visited a medical institution
- 3) Ensuring that any worker, considered to require medical treatment as result of visiting a medical institution, has continued/will continue to receive the necessary medical treatment at least while the worker is working on the premises of the Fukushima Daiichi Nuclear Power Plant
- 4) Ensuring that actions including work-related measures have been taken based on results of the periodical medical examinations
- 5) Ensuring that the state of implementation of the work-related measures is continually checked and the measures are continually reviewed

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

Results : summarizing the state of management for medical examinations conducted in the 4th quarter (Jan. to Mar.)

### (1) The workers' reception of medical examinations and the results [No. of offices covered: 51 (primary contractors: 48)]

- A total of 4,834 workers received medical examinations during the period, and a total of 1,074 workers (22% of all workers) were considered as "requiring a thorough examination," "requiring a medical treatment" or "requiring a continued medical treatment." Of them, the number of those considered as "requiring thorough examination" was 266 (6% of all workers).

### (2) Actions for those considered as "requiring thorough examination"

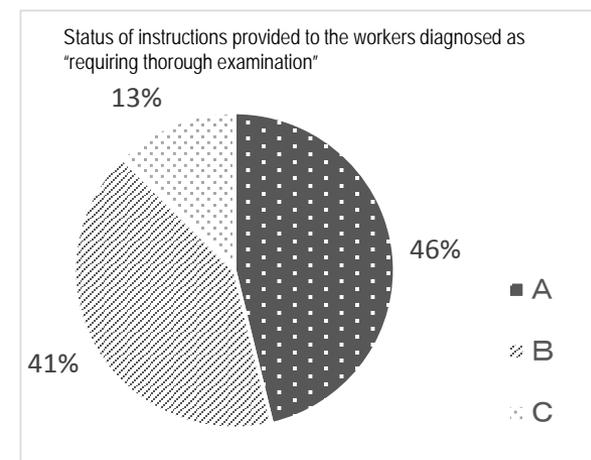
- When the primary contractors submitted reports to us, 46% of the workers had already received thorough examinations and were in a state where work-related measures had been completed (A), and those including workers for whom such measures are expected to be completed (B) accounted for 87%.
- All the contractors are regarded as in a state where instructions and management are appropriately implemented under the established system.
- Concerning 13% who replied they had not received a medical examination even after the instructions were provided, their subsequent statuses will be checked in the next 1<sup>st</sup> quarter report.

• Number of workers considered as "requiring thorough examination": 266

Status: A (Received thorough exam, and work-related measures by the operator have been completed if necessary)	123
B (Currently in process)	110
C (Received no thorough exam yet even after instructions)	33

Note: We have asked the contractors to report the state of actions for those "requiring medical treatment" or "requiring continued medical treatment," other than those "requiring thorough examination," in the next second quarter report.

⇒ A state wherein the primary contractors appropriately present reports, the systems constructed by the contractors effectively function, and we can understand the circumstances including the state of implementation at the relevant subcontractors



Note: The number of workers is a simple sum of those reported from each company and may include double counting due to relocation of workers or the counting system by examination items, etc. The same applies to the next page, too.

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

#### Follow-up on actions for those considered as “requiring thorough examination” in the 3rd quarter report

Number of workers considered as “requiring thorough examination”: 623

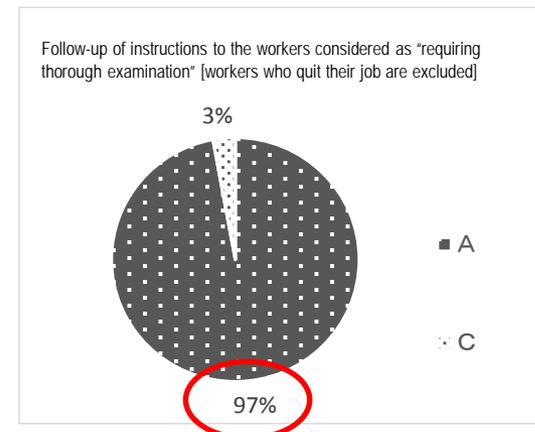
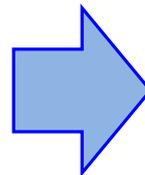
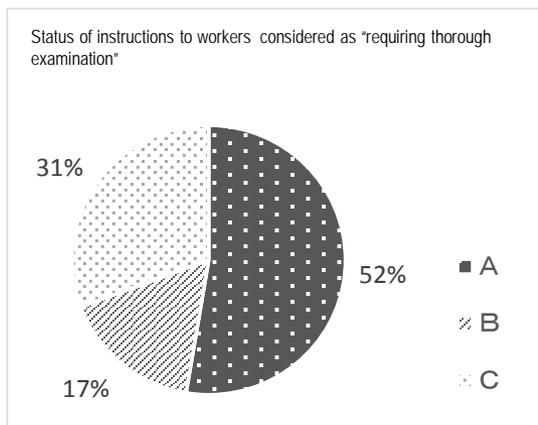
[At the time of the 3<sup>rd</sup> quarter report] February 2017

A: (Received thorough exam, and work-related measures by the operator have been completed if necessary)	328
B: (Currently in process)	104
C: (Received no thorough exam yet even after instructions)	191

[At the time of the follow-up report] May 2017

A: (Received thorough exam, and work-related measures by the operator have been completed if necessary)	537
C: (Received no thorough exam yet even after instructions)	16

(70 workers quit their jobs soon after receiving medical examinations)



⇒ At the time of this follow-up report, the rate was improved to 97% as the result of continued efforts for workers who had not completed the instructions at the time of the 3<sup>rd</sup> quarter report (excluding workers who had quit their jobs). The remaining 3% (16 workers) will be continuously monitored. Completed at the time of the most recent report on the follow-up (those leaving jobs and others are excluded from counting).

#### State of actions for those considered as “requiring medical treatment” or “requiring continued medical treatment” in the 2nd quarter report

It has been decided to ask the contractors to report the state of their actions for those “requiring medical treatment” or “requiring continued medical treatment” in the following next quarter report, in the operation of the constructed system.

⇒ Confirming that medical treatment and continued medical treatment are provided, except for those leaving the contractor’s employment after receiving the medical examination.