

## Enhancing controls of exposure dose at Fukushima Daiichi Nuclear Power Station

In accordance with the instruction on July 22, 2011 “ Enhancing controls of exposure dose at Fukushima Daiichi Nuclear Power Station ” , we report as follows.

### 1 . Enhancing exposure control system ( Sharing information )

#### (1) Exposure control of principal employers and their contractors

Information including the status of exposure control system and individual worker ' s exposure dose of workers of principal employers and their contractors has been shared in the following meetings.

- Communication Meeting for Safety Promotion at Fukushima Daiichi Nuclear Power Station ( weekly ) 1
- Communication Meeting for Radiation Control at Fukushima Daiichi Nuclear Power Station ( daily ) 2

1 Principal employers participate.

2 Principal employers who have been in 1F since before the earthquake participate.

#### ( 2 ) Appropriate administration of worker IDs

In issuing a new worker ID since July 29, we have been bundling the entry pass with photo and the worker ID after checking a public ID such as a driver ' s license for the purpose of identification. Such bundling will be introduced from August 8 to workers who have already had separate IDs.

#### ( 3 ) Discussion with principal employers on radiation control

We will promote information sharing by checking activities taken by principal employers through Communication Meeting for Safety Promotion at Fukushima Daiichi Nuclear Power Station in which all of the principal employers participate.

We will take other necessary actions for radiation control as the occasion arises.

### 2 . Appropriate provision of information on exposure dose

#### ( 1 ) How to provide information on exposure dose

- Daily notice on exposure dose is planned to be provided in writing directly to workers. With regard to all of the APDs (dosimeter) provided at Main Anti-Earthquake Building of 1F and J Village, we are now preparing for the commencement of notice from August 16 by using receipt.
- Weekly notices for TEPCO employees and contractors have been provided once a week to each manager and the contract companies respectively, including data at Main Anti-Earthquake Building and J Village.
- Monthly notice, which aggregates external and internal exposure dose, will be regularly provided.

Also, as to prompt notice on the measurement of exposure dose to workers of contract companies, we will provide necessary instructions or supports by understanding the needs at Communication Meeting for Safety Promotion at Fukushima Daiichi Nuclear Power Station and Communication Meeting for Radiation Control at Fukushima Daiichi Nuclear Power Station.

### 3 . Appropriate education on safety

#### ( 1 ) Education on safety

While we have been providing education on safety with new workers so far, the followings are the additional items for education.

- Causes of illness related to emergency works and their prevention
- Well organizing and keeping clean
- First aid and evacuation in the case of accidents
- Other
- Overview of workers' accident compensation system

These educational items need to be completed in issuing a worker ID which is necessary for entering Fukushima Daiichi Nuclear Power Station.

#### ( 2 ) Providing education materials and rooms

As to the education by contract companies, we have been supplying materials, dispatching instructors and providing rooms at J Village and Tokyo to principal employers and contractors.

### 4 . Appropriate measurement and evaluation of internal exposure dose

#### ( 1 ) Appropriate measurement and evaluation of internal exposure dose

We will report the measurement status of internal exposure dose for March, April and

May for workers in charge of emergency works, evaluation results of internal exposure for workers newly in charge of emergency work during May and the aggregate figure of accumulated internal and external exposure dose in one report which was required by the instruction on June 30 "Enhancing controls of exposure dose at Fukushima Daiichi Nuclear Power Station". ( Attachment 2 )

Measurement of internal exposure dose for workers newly in charge of emergency works since June, 2011 will be conducted as soon as possible.

( 2 ) Workers who are seen in the name list of dosimeters but do not exist

We are dealing with them as follows.

- Examine APD borrowers lists and WBC lists in detail( collecting detailed information about the missing person )
- Make inquiries to other contract companies ( widely asking for information )
- Confirm APD borrowers lists ( seeking for clues such as company, name and persons who entered at the same time )
- Establish a contact point for persons who have not had WBC ( opened exclusive contact point for those missing persons )

< Future Plan >

- Hearing investigation to companies (principal and contractor) ( payment information etc. )
- Hearing investigation to persons who seem to have worked together with the missing person based on the time of entry

( 3 ) Increase of measuring equipments for internal exposure

We are currently operating an in-vehicle type WBC borrowed from JAEA and standing type WBCs from 1F and 2F at Hirono Town Soccer Field. We plan to sequentially increase the measuring equipments for internal exposure.

With these WBCs, we will proceed with preparation in order to for us to provide WBC measurements once a month with every worker in charge of emergency works after September.

( 4 ) Automation of exposure dose control

Individual dosimeters for external exposure dose currently borrowed at Main Anti-Earthquake Building of Fukushima Daiichi Nuclear power Station and J village are not online.

Also WBCs are controlled individually. Hence, we will have all of these online and

develop the information system for the automated control of exposure dose by around October this year.

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