	rence prevention measures nnounced on August 27)	Detailed measures (Announced on August 27)	Date on which the measure implementation was started	Verified effectivene
(Ar Before		(Announced on August 27)	Implementation was started	
1	Identification of individuals who have an APD	Those who have APD: White Tyvek Those in transit: Blue Tyvek or regular work clothes	August 27, 2012 (Full-scale implementation) October 21, 2012 (Yellow Tyvek for those who do not go to work site but have APD such as truck/bus drivers)	This measure has enabled us to check for white Tyvek (2 below). Yellow Tyvek has b clearly identify those who do not go to the Tyvek) but have an APD (wearing white T
2	Checking for APD for those with white tyvek	Check for APD visually or by touching at the Main Anti-earthquake Building, rest areas and the exit of J-Village.	August 10-27, 2012	Similarly to other measures (1, 4, 5 and 6) performing the final check for APD before site, which prevented workers without API and APD misuse.
		Check for APD visually or by touching at the main gate of Fukushima Daiichi Nuclear Power Station.	Trial implementation: September 26, 2012 Full-scale implementation: October 1, 2012	
3	Consideration of methods to check for APD externally	Consider methods to check for APD other than doing so by touching for the purpose of reducing burden on workers .	As a result of evaluating a method to check for APD utilizing a detector (which allows for checking without that there is a possibility of malfunction. Since Tyvek with the chest area transparent is planned to be we February 2013 (as mentioned in 5 below), consideration of other methods has been suspended.	
During	work			
	Mutual check for APD, Measures to prevent APD to be left behind	Mutually check for APD	August 16, 2012	Adding mutual check for APD in the basic workers' awareness of APD usage and mi certain extent.
4		The person in charge of work is responsible for determining measures to prevent APD to be left behind for each work.	August 27, 2012	Implementing the planned measures and effectiveness has increased the awarenes cooperative company workers (people in o and contributed to continuous measure im
5	Introduction of Tyvek with the chest area transparent	Require the workers who engage in work for which alarm is set to go off when the exposure dose exceeds 3mSv to wear a Tyvek with the chest area transparent, the expansion of the implementation area is under consideration.	October 15, 2012 The implementation area is to be expanded (Planned to be applied to all employees starting from February 2013)	Checking for APD at work has prevented a more than 600 random checks performed 2012, no issue has been found.)
6	Random check for APD	TEPCO supervisor or a responsible main contractor worker is to perform random check when visiting the work site	August 16, 2012	
After w	vork	~		
7	Radiation dose comparison between APD and glass badge	TEPCO to perform comparison between APD and glass badge, evaluation of variation in radiation dose, cooperative company to check for peculiar data.	Check of data obtained during the period from November 2011 to June 2012: Started in July 2012 August 31, 2012: Reported to the Ministry of Health, Labour and Welfare Check of data obtained in July 2012 and later: Ongoing	These measures are evaluated to be effect APD data can serve as a trigger for finding (though no such noncompliance has actua
8	Daily check of APD data	Comparison between APD data and work records of the same person	August 22, 2012	
Measu	re to prevent loss of APD	· · · ·		
9	Abolishment of clip-on APD	APD allowing to be hung from the neck is to be used instead of the clip-on APD formerly used which can be easily dropped.	August 23, 2012	This measure has been effective to preven (No such case has been reported so far.)
Measu	res to foster awareness of p	oroper APD usage		
10	Enhanced education on radiation protection	Emphasize the importance of proper APD usage for understanding the actual radiation exposure dose.	August 6, 2012	Providing education on radiation protection smoothly understand the importance of AF providing details of APD misuse cases may other similiar issues, we decided not to rev distribute special handouts (Emphasize way proper APD usage while using the existing
	Investigation on cases of APD misuse	Perform a survey on APD misuse	Summarized on August 27, 2012	No APD misuse has been reported. The prist to hear and understand the actual condi
11		Accept APD misuse cases at the consultation center	August 27, 2012	
		Continue surveys targeted for all workers	Survey (on topics except for APD) will be performed on all APD usage is planned be conducted.	employees in September. After the results a
	Informing workers on the importance of APD usage	Put up posters	August 18-27, 2012	These measures served to foster awarene turn made other measures to be more effe
		Managers to remind workers to put on APD	August 20-22 and 27-29 3 days per month later on (until March 2013)	
10		Reminder using recorded voice	September 3, 2012	
12		Distribute beverage with a sticker attached	Distributed on August 20, 2012, Completed on August 22, 2012	This measure was implemented as a kick- recurrence prevention measure implement repeat this particular measure considering effectiveness of APD misuse prevention no confirmed.
		Inform workers that worker registration will be	August 28, 2012	These measures are evaluated to be effect
13	Informing workers on more severe punishment	cancelled in the case that APD misuse is found.	1 agast 20, 2012	These measures are evaluated to be effect

< Reference > January 4, 2013 Tokyo Electric Power Company

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for APD among those wearing s been added in order to ne work site (wearing blue Tyvek).

6), TEPCO has been re workers go to the work PD from working in the site

hout touching), it was found worn by all workers by

ic operations has increased minimized carelessness to a

d confirming their ess of APD usage among n charge and regular workers) implementation.

d APD misuse. (As a result of ed until the end of December

fective since checking the ing similar noncompliances tually been found).

vent APD from dropping off.

ion has allowed workers to APD usage. Considering that nay lead to occurrence of revise the textbook or was put on the importance of ing textbook).

e purpose of these measures ndition of the work site.

are summarized, a survey on

ness of APD usage which in ffective.

ck-off of APD misuse entation. There is no need to ng that the overall measures has been

fective for preventing APD