

Action Plan for Preventing Recurrence (Thermal Power) 2/5

<Key>

□ or ◻ : Planned
 ■ or ▼ : Achieved

Item	Policy for Preventing Recurrence	Specific Content	Promotion Department	Team in Charge	Implementation Schedule (Initial Plan)													
					FY2006	FY2007											FY2008 and later	
						Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.		Mar.
1 Spread / anchor more the sense of compliance	(iii) Provide compliance education and training	A Establishment of Training on Laws and Regulations and Technology In order to ensure that incongruous phenomena resulting from mistaken interpretation or insufficient understanding of the law do not occur again, establish group training for all employees concerning the Electricity Enterprises Law and other laws and regulations, and the safety regulations and basic technologies, etc. important for safety with equipment. Reflect the above training in the educational policies of the Thermal Power Dept. so that everyone is certain to receive it as a part of the training process.	Thermal Power Dept. Operations G	Education and Training Team		Establishment of policies				Establishment of group education							Assess	
			Thermal Power Administration Center Quality Management G		Studies and implementation of a review of the education and training systems of the Thermal Power Dept.					Policy maintenance							Operation	Assess
		B Opening of a Counter to Handle Inquiries about Laws and Regulations Open an inquiries counter in the Quality Management G of the Thermal Power Administration Center.	Thermal Power Administration Center Quality Management G	Assessment and Dissemination Team		Study scheme of counter to handle inquiries about laws and regulations				Open counter					Open counter (planned)		Operation	Assess
2 Create a mechanism for well ventilated communications	(iv) Create mechanism to allow communication	A Development of the Communication System and Exchange of Opinion Activities on the Spot Open a counter in the Thermal Power Administration Center and the Thermal Power Dept. so that employees can feel comfortable consulting about troubles faced by the job sites, etc. The power stations are to utilize workplace informal gatherings, etc. to extract the troubles faced by the job sites and employees' views of their superiors, etc. using the above counter. Regarding rules that do not meet the facts on the spot and rules that are not reasonable, etc., reviews of the rules will be continuously implemented through submissions when appropriate of the policy revision proposal document of the Thermal Power Dept.	Each Site	Assessment and Dissemination Team		Creation of new scheme				▼ Report to Legal Affairs Department								
					Studies of cooperative measures with the policy revision proposal system				Open counter in the Thermal Power Administration Center, Thermal Power Dept.								▼ Open counter (7/13)	Notification of commencement of operations through new schemes in line with the message of the department head
		B Perfect Support on the Job Site The head office and the Thermal Power Administration Center inspect materials submitted or reported from the job site when they come in, to verify whether or not they are necessary and the leeway for simplification, and gives instructions and advice on abolition and simplification.	Thermal Power Dept. Thermal Power Administration Center	Assessment and Dissemination Team		Preparations											Assess	
																	Perfect support on the job site	

Action Plan for Preventing Recurrence (Thermal Power) 3/5

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2 Create a mechanism for well ventilated communications		C PR for Helpline Develop PR activities regarding Chubu Electric's Helpline, including for employees at group companies.	Thermal Power Administration Center General Affairs Department General Affairs Section	Assessment and Dissemination Team		Preparations											Assess
		Build mechanisms to allow communication and a climate that makes it easy to speak out, so that power station information reliably reaches the management top echelon.	D Clearly Specify Practice and Philosophy Communicate the message from the management top echelon to employees in all departments that the practice and philosophy is not to blame people for mistakes but to identify ways to make improvements. (Implement at the same time as I-1-(i))	Thermal Power Dept. Planning G	Assessment and Dissemination Team												Assess
	(v) Promote the sharing of information	In order to actively promote the sharing of technology information, continually implement the further utilization of the Thermal Power Know-How and Information Provision System developed and introduced in the Thermal Power Dept. Furthermore, through the informal business gatherings with the group companies held once a year, promote the sharing of the information of the Thermal Power Dept. and the information of the group companies.	A Promote the Use of the Thermal Power Know-How and Information Provision System Continuously appeal to employees to actively register technology information and trouble information in the system. Furthermore, appeal to employees to utilize the Realization Notes function.	Thermal Power Dept. Technology G	Information Sharing Promotion Team												Assess
			B Promotion of the Sharing of Information with the Group Companies Utilize the informal business gatherings with group companies to give presentations about the current incongruous phenomena, and continuously implement promotion of the sharing of information by receiving information from the group companies.	Thermal Power Dept. Planning G	Assessment and Dissemination Team												
(vi) Build a risk management structure		A Establishment of Communication Routes for Incongruous Phenomena By handling the communication routes of incongruous phenomena the same way as trouble information, reflect in the equipment management policy (power generation trouble prevention management) of the Thermal Power Dept. so that information communication can flow smoothly up to the management top echelon.	Thermal Power Dept. Operations G Thermal Power Administration Center Power Generation Dept. Power Generation Technology Section	Assessment and Dissemination Team													Assess
		B Create Rules for Risk Management Inspections and Reporting In order to regulate the implementation of risk management inspections and reporting in meetings of department and station heads related to thermal power, the meetings of the management top echelon, reflect in the meeting operation policy of the Thermal Power Dept.	Thermal Power Dept. Planning G	Assessment and Dissemination Team													Assess

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3 Apply a mechanism that does not cause incongruous phenomena	(vii) Promotion and anchoring of the maintenance of various regulations/policies	Maintain various regulations/policies to prevent inappropriate procedures based on insufficient understanding or mistaken interpretation of the law and attempt to anchor them.	Thermal Power Dept. Operations G	/	<div style="display: flex; justify-content: space-between;"> Preparations and studies Assess </div>												
		B Reflection in Policies Related to Inappropriate Application Form for the Construction of the Auxiliary Boiler Stack Add a section of text related to applications for the setting up of a auxiliary boiler to the construction policies of the Thermal Power Dept.	Thermal Power Dept. Development G		<div style="display: flex; justify-content: space-between;"> ▼ Policy revision (3/29) Assess </div> <div style="border: 1px dashed black; padding: 5px; margin-top: 5px;"> ▼ Confirm there is no plan for auxiliary boiler set up construction in this fiscal year. </div>												
	(viii) Perfect mechanisms that do not allow falsification	Because the phenomena of incongruous handling of records and recorders were extracted, perfect hardware and software mechanisms which make incongruous handling impossible. Furthermore, in order to prevent incongruous phenomena occurring in in-house decision-making, work to strengthen constraining functions.	Thermal Power Administration Center Power Generation Dept. Power Generation Technology Section Thermal Power Administration Center Construction Dept. Measurement Section	Equipment Countermeasures Team	<div style="display: flex; justify-content: space-between;"> Studies of system aspects and development of rules Assess </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Verification of data rewriting function Study: the abolition of the data rewriting function </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Policy revision Operation </div>												
		B Implement Marking of Recorders Subject to Laws and Regulations Clarify the distinction between recorders bound by the Electricity Enterprises Law and other laws and regulations and recorders which show reference values.	Thermal Power Administration Center Power Generation Dept. Power Generation Technology Section Thermal Power Administration Center Construction Dept. Measurement Section	Equipment Countermeasures Team	<div style="display: flex; justify-content: space-between;"> Organization of measuring instruments subject to the law Assess </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Currently making a list of measuring instruments subject to the law </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Implementation of marking Operation </div>												

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Apply a mechanism that does not cause incongruous phenomena	(viii) Perfect mechanisms that do not allow falsification	C Remove Unnecessary Recorders There are management-use computers, etc.; remove the recorders with overlapping measurement content.	Thermal Power Administration Center Power Generation Dept. Power Generation Technology Section Thermal Power Administration Center Construction Dept. Measurement Section	Equipment Counter-measures Team		Organization and policy studies regarding measuring instruments subject to the law Currently implementing the work of identifying removable measuring instruments											Assess
		D Strengthen Constraining Functions Strengthen constraining functions and construct mechanisms that do not allow falsification, by expanding the scope of the Sanction Items Report - which reports sanction actions, one type of in-house decision-making, directly to high-level managerial employees - to all employees with sanction authority.	Thermal Power Dept. Planning G Thermal Power Administration Center Quality Management G	Assessment and Dissemination Team		Preparations and studies ▼ Change the scope of the Sanction Items Report (6/1)											
	(ix) Perfect/inspect the information disclosure system	Create rules so that when phenomena which occur at thermal power plants, including positive and negative information and past phenomena, come to light, they are announced immediately.	A Improve Thermal Power Information Announcement Standards Reliably disclose information by clarifying the thermal power information announcement standards as rules.	Thermal Power Dept. Planning G Thermal Power Administration Center General Affairs Department General Affairs Section	Assessment and Dissemination Team		Organize the applicable items, carry out various adjustments, conduct studies Currently studying a review of the information disclosure standards of the Thermal Power Dept.										
(x) Implement internal audits, etc. and improve self-purification capacity	In the Thermal Power Dept., form a safety audit team in the Quality Management G of the Thermal Power Administration Center, and implement safety audits based on the safety audits policy of the Thermal Power Dept. Going forward, continue to implement safety audits using the PDCA cycle.	A Continuous Implementation of Safety Audits Carry out inspections under the existing safety audits system, and conduct studies into how to perfect them.	Thermal Power Administration Center Quality Management G	Assessment and Dissemination Team		Formulation of plan ▼ Revision of safety regulations (7/31) Study safety audit methods											Assess

Going forward, provisionally cease using measuring instruments which are thought to be removable, and after verifying whether or not removal is possible, carry out the removal at the same time as regular inspections, etc.

Going forward, in the case that the inexpedient phenomena risks identified in the power stations become a reality, verify whether a quick and accurate judgment on the appropriateness of announcement can be made, and carry out an inspection to see whether there are any discrepancies with the disclosure standards established by other departments.
Going forward the information disclosure standards are to be positioned as related materials of the Thermal Power Dept. Risk Management Manual, and the rule that the appropriateness of standards must be inspected every time inexpedient phenomena occur is to be clarified.