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A POWER PLANT OPERATION CONTROL SYSTEM AND A POWER PLANT MAINTAINING AND MANAGING METHOD

ABSTRACT OF THE DISCLOSURE

Quick recovery or recovery support of a faulty power generating facility by real time diagnoses such as facility failure diagnosis, supervision for failure
5 symptoms, facility diagnosis by evaluation of performance using databases between said power generating facilities and an operation control system.

An operation control system comprising
means for transferring information on operating
10 status and secular characteristic changes of apparatus from power generating facilities or information from operators of selected power generating facilities,
means for processing and diagnosing information transferred by said transferring means,
15 means for weighting the level of a failure of a power generating facility which has a failure according to the information sent from said processing and diagnosing means, and

means for automatically creating repairing
20 information (e.g. recovery procedures, processes, required parts, inventory of the parts, possible failure causes, etc.) from repairing information prepared for each weight in advance and sending it to the operation section and the operation supporting
25 section of said power generating facility.

Figure 6



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