ABSTRACT

In the latest few years, all the countries of the world concentrate on developing electricity and energy, and deregulating protecting laws. Influenced by the trend of internationalization and liberalization, impel the conjuncture changing from monopoly by Taipower to encroached by private power plants. So that how to set up a project management system for building Excellent public and private power plants, how to derive competitive advantages from the future energy market, and how to deal with the problems of increasing technology levels are the main ideas. To match up technology transferring, engineering projects of power plants depend on transferring external technologies and information to the internal organization through the dynamic, sequential learning process. After transferring all the information to its own, the Organization will store and expand them which are good for innovating. Therefore, the aims of this research include: 1. Realize the management methods of technology transferring process between public and private power plants. 2. Find out technology learning process after technology transferring, and analyze the learning systems inside their organizations. 3. Discuss how engineering projects of power plants successfully transfer from the outside of the organization to the inside, smoothly expand and innovate, and increase technological management capabilities of the organizations. 4. Analyze successful experiences, and hope these could become references what the other enterprises doing technology transferring and technology learning would take. In order to quickly increase the level of engineering technologies of power plants, to decrease the time of making mistakes, and to avoid the risks caused from R&D and investment, it has to cooperate with the other countries and to learn their technologies and transferring methods. Excellent technologies learn from advanced industrial countries can make original engineering technologies increased, and make limited resources used at the right place. The national designing and producing for main equipments of power plants is influenced by lack of original resources. Therefore, it has to take the multinational producing mode, and get opportunities of learning technologies transferred by international core enterprises. That would be good for increasing technologies of national public power plants' and private ones' engineering projects and it has direct influences on power plants' installing, operating, and maintaining. The following subjects are addressed after deeper researching and conferring: 1. The wider the range that technology learning of projects has, the better performance it gets. 2. The deeper how technology learning of projects is, the better performance it gets. 3. The performance of technology learning is distinctly influenced by the more wide of technology learning combined with the depth more deep of technology learning.

Key words: technology transfer, technology learning, the width of technology learning, the depth of technology learning.

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