

Establishment of Systematic Design Control/Configuration Management Processes to Enhance Engineering Capability

T. Inagaki¹, T. Hamada¹, and T. Ihara¹

¹*Tokyo Electric Power Company (TEPCO), Tokyo, Japan*

Corresponding Author: T. Inagaki, inagaki.takeyuki@tepcoco.jp

After the accident of Fukushima Daiichi Nuclear Power Plant in 2011, Tokyo Electric Power Company (TEPCO) launched various measures to enhance plant safety and safety culture of its employees. One of the important aspects of these measures is to enhance engineering capability and TEPCO is conducting actions to establish systematic design control and configuration management processes as an important foundation of such engineering capability. This paper describes how TEPCO is establishing systematic configuration management processes from three aspects, i.e., design requirement and bases management, facility configuration control, and configuration change management. It also provides brief information of the IT systems that are being introduced and will support the systematic design control and configuration management processes.

TS