is deleted from the plant information versus control logic diagram association information of the similar plant (S42). Next, the plant information difference detection unit 14 compares the plant information versus control logic diagram association information of the creation object plant with the plant information versus control logic diagram association information of the similar plant in the same manner as S42, acquires an element that exists only in the creation object plant, transmits it together with the plant information versus control logic diagram association information for the similar plant from which the element has been deleted in S42, to the plant information editing unit 15 (S43), and terminates the process.

[0040] FIG. 9 is a flowchart illustrating an operation example of the plant information editing unit 15. The plant information editing unit 15 acquires, from the plant information difference detection unit 14, the plant information versus control logic diagram association information for the similar plant and the element of the plant information versus control logic diagram association information that exists only in the creation object plant (S51). Next, the plant information editing unit 15 retrieves the element in question from the past plant information, determines whether the element and the route to the root of the plant information versus control logic diagram association information of the creation object plant match, and acquires a list of the results (S52). The element acquired in S52 is added to the plant information-control logic diagram association information of the similar plant acquired in S51 (S53), and the process is terminated.

[0041] In S52, if there are two or more elements that match, they are added thereto. Also, if there are no exact matches, an element with a match closest to the root is