Design Status of ITER Tritium Storage and Delivery System

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The allocation of components and systems to be delivered to ITER on an in-kind basis, was agreed between the ITER Parties. Among others, Korea agreed to supply to ITER the storage and delivery system, which is a subsystem of the ITER tritium plant. The main purpose of tritium storage and delivery system is to store and supply the hydrogen isotopes needed for operation of ITER and provide the necessary infrastructure for short and long term storage of large amount of tritium. The design of this system is only developed in conceptual stage and detailed design will be performed for some years ahead. In this study, the design requirements and specifications of the tritium storage and delivery system are described. And, the design status for tritium storage and delivery system and some components in Korea is introduced.

참고문헌

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